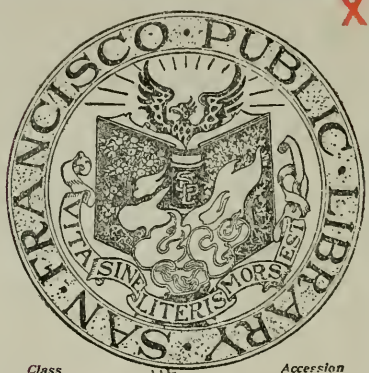


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BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

SUCCESSORS TO

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"INDUSTRIAL NEWS OF ALAMEDA CO."

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"WESTERN BUILDER"

— THIS WEEK'S ILLUSTRATIONS: —

Two Half Tones Showing the Structural
Steel of the New Hobart Office Building
and the Building As It Will Appear Com-
pleted. Designed By Architects Willis
Polk & Co., San Francisco.

WEDNESDAY, JULY 1, 1914.

SAN FRANCISCO AND OAKLAND.

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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, JULY 1, 1914

Fourteenth Year No. 26

BUILDING and INDUSTRIAL NEWS

Devoted to the Architectural, Engineering, Building and Industrial Activities of the Pacific Coast.

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OFFICIAL ORGAN

of the
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ASSOCIATION of CALIFORNIA.

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Editorial Comment.

Each week brings noticeable results in the completion of the buildings of the Panama-Pacific Exposition. The trees are being planted, the buildings are assuming form and shape and color and before long the palatial city will stand out in a splendid and matchless symmetry.

Three things will contribute to make this exposition something above and beyond any heretofore held. Its setting and surroundings, its color, and the landscape gardening. For the climate here gives possibilities for horticultural exhibits never before enjoyed, and the grounds will represent the infinite variety of trees and flowers that flourish here at all times of the year. San Franciscans do not realize what is being held here in their midst. It is time to boost the exposition, to find out what is being done and write to your friends about it.

The report of the State Board of Equalization shows that there will be no deficiency of revenue but that there will be a surplus of some \$250,000 for the fiscal year beginning July 1. This is a good showing for the new system of taxation and that the corporations are paying their just share of the taxes. Great talk has been made as to the extravagance of the Johnson administration, but the facts speak for themselves. The Commissions have saved their cost many times over to the people of the State. And the increase of taxable property owing to the disclosures of property heretofore hidden gives a more equitable distribution of the burden of taxation.

The Examiner comes forward with a full page editorial in favor of the purchase of the United Railroads by the municipality. It will no doubt claim all credit for anything that any body may do that will bring about the result. As the question will be up to the people in the near future it should receive the earnest attention of all citizens.

And here are some things to be considered. When Francis J. Heney was fighting the peoples' battles in the Graft Prosecution, when these millions of watered capital of the United Railroads were being unloaded on the people, this same Examiner was daily cartooning him and heaping ridicule and abuse upon him in the most cowardly manner. The Chronicle was daily explaining that Calhoun was being held up by corrupt politicians and wasting tons of printers' ink in telling the people how municipal ownership would never be a success. Now when the game is called and it is seen that the facts are finally to be determined

these two great molders of public opinion come out in favor of the purchase by the city of the street car lines.

Calhoun and the Chronicle have claimed that private business could not compete with the city. That is true when private business is over capitalized as is the United Railroads. Neither could such over capitalized business compete with any other kind of legitimate business. And the system of finance is well illustrated where Calhoun sought to make up for the fictitious capital by land speculation that had nothing to do with the legitimate business of the railroad.

It is up to the city to solve the problem of its urban transportation. What with the Railroad Commission as it is now constituted and the publicity that has been forced upon the United Railroads the things which have been done by that corporation will never again be attempted. And it is now a question whether we can afford to buy the street railways and thus unify the system and get better results than under a divided management.

Japan still holds that California has violated the treaty obligations between the United States and Japan. Why other states that have exactly similar laws have not violated the same treaty is not mentioned. So far as Japan is concerned it does not matter about the other states as they only care to colonize California.

The action of Secretary Bryan was eminently fair to California. Now the newspapers that are his political enemies in this state are taking sides with Japan. And it is the sentiment in the East against California that Japan relies upon more than any thing else.

When Roosevelt was President he insisted California allow the Japanese the privileges of our public schools without knowing any of the facts of the case at first hand. And in the present instance it is doubtful if he would have been as fair to all concerned as is the present administration.

Big business is pulling the old, old stunt of creating business depression and hard time to be blamed upon the administration. The disclosures of the past few years have put a crimp in the most approved methods of robbing the public. And the readjustment of these methods is causing the lack of activity until thing get adapted to the new order.

HOW FAST WE LIVE.

Abraham Lincoln never said "Hello, central," never dodged an automobile, never held a strap in a trolley car, never pushed a button for light, never heard a phonograph and never posed for a motion picture, and yet Abraham Lincoln died only forty-eight years ago.—Hayre de Grace Republican.

Pasadena's Municipal Lighting Plant and What It Has Saved Its owners.

By C. W. Kohner, General Manager
Pasadena Municipal Lighting
Department.

About seven years ago Pasadena built a power plant for the distribution of electrical energy for light and power purposes. The city was compelled to establish its municipal because of poor service rendered by the local central station and the high cost for same at the time.

The retail rate charged by the private corporation before the municipal plant was installed was 15¢ per kwh. At the time agitation was made for a municipal plant the rate was lowered to 12½¢ per kwh, for the first 666 kwh. used in one month, less 10% for prompt payment of bills. In view of the fact that very few concerns used as much as 666 kwh. in one month, almost all users paid the maximum rate. The city plant at this time established an 8¢ rate. After accumulating sufficient business the rate was again lowered to 7¢. Business came fast, and the cost of production was lowered at a very rapid rate, hence the present 5¢ base rate for lighting was established as per the following schedule:

"Class A Power"—The first 100 kilowatt hours, or less, of energy furnished in any one month to any consumer, 5¢ per kilowatt hour.

"Class B"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 100 kilowatt hours and not exceeding 500 kilowatt hours 4½¢ per kilowatt hour.

"Class C"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 500 kilowatt hours and not exceeding 1,000 kilowatt hours, 4¢ per kilowatt hour.

"Class D"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 1,000 kilowatt hours and not exceeding 2,000 kilowatt hours, 3½¢ per kilowatt hour.

"Class E"—The kilowatt hours of energy furnished in any one month to any consumer over 2,000 kilowatt hours 3¢ per kilowatt hour.

"Class A Arc"—The first 100 kilowatt hours, or less, of energy furnished in any one month to any consumer, 4.9¢ per kilowatt hour.

"Class B Arc"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 100 kilowatt hours, and not exceeding 500 kilowatt hours, 4½¢ per kilowatt hour.

"Class C Arc"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 500 kilowatt hours, 4¢ per kilowatt hour.

A minimum monthly charge of 50¢ per meter of three kilowatt capacity or less, and 20¢ for each additional kilowatt of meter capacity required, shall be made for each meter.

The city base rate for power begins at 4¢ and scales down as follows:

"Class A Power"—The first 100 kilowatt hours of energy or less, furnished in any one month to any consumer, 4¢ per kilowatt hour.

"Class B Power"—The kilowatt hours furnished in any one month to any consumer in excess of 100 kilowatt hours, and not exceeding 300 kilowatt hours, 2.4¢ per kilowatt hour.

"Class C Power"—The kilowatt hours

of energy furnished in any one month to any consumer in excess of 300 kilowatt hours, and not exceeding 500 kilowatt hours, 2.4¢ per kilowatt hour.

"Class D Power"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 500 kilowatt hours and not exceeding 1,000 kilowatt hours, 2¢ per kilowatt hour.

"Class E Power"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 1,000 kilowatt hours and not exceeding 1,500 kilowatt hours, 2¢ per kilowatt hour.

"Class F Power"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 1,500 kilowatt hours and not exceeding 2,000 kilowatt hours, 1.9¢ per kilowatt hour.

"Class G Power"—The kilowatt hours of energy furnished in any one month to any consumer in excess of 2,000 kilowatt hours and not exceeding 3,000 kilowatt hours, 1.8¢ per kilowatt hour.

"Class H Power"—The kilowatt hours of energy furnished in any one month to any consumer over 3,000 kilowatt hours, 1.2¢ per kilowatt hour.

A monthly minimum charge will be collected for electrical energy of \$1.00 per meter of 1½ kilowatt capacity or less and 75¢ for each additional kilowatt of meter capacity required.

The plant has earned all operating charges, including interest and depreciation, and in addition had accumulated a surplus of \$41,749.16 as shown by the report for the fiscal year ending June 30, 1913. To this will be added the surplus ranging between twenty-five and thirty thousand dollars for the present fiscal year, as shown by the report issued December 31 for the year ending December 31, 1913. It is a well-known fact that it is very rare that any concern entering business accumulates a profit the first few years of its existence. This has been no less so in the history of Pasadena's municipal lighting works. The first year of its life it did not make all proper expenses; neither did it the second year; however, in the third year, the tide was turned and a surplus was shown, and each succeeding year the surplus has increased. Of course the saving effected by reason of the difference in rates was more than sufficient to offset the deficiency of the first two years.

In addition to being a self-sustaining enterprise, the saving resulting to the citizens of Pasadena by reason of the difference in rates charged before municipal ownership and those charged since has been tremendous. Up to June 30, 1912, the saving amounted to \$408,000. To this should be added a saving resulting for the year ending June 30, 1913, which if compared on the basis of the old rate of 10¢ for six months and a maximum rate of 8¢ for six months, according to the rates paid by some of the other Southern California cities, the saving would be not less than \$149,083.96, making a grand total when figured the first way of \$631,-

625.96, or when figured the second way of \$557,083.96.

In addition to the reduction in rates for commercial light and power, there has been a great saving in the cost of street lighting as compared with the rates formerly paid by the city to its competitor. Street arc lamps now cost 23% less, incandescent street lighting 40% less and ornamental cluster lighting 20% less than formerly paid the private corporation. At the time the city began lighting its streets, it had the benefit of only 50,000 candle power for which it paid \$15,808.40. At the present time the candle power on the streets amounts to 267,500, or 4½ times more light, for which the city paid the past year \$45,711.93.

The average rate received for street lighting for the year ending December 31, 1913, was \$0.0491, while the rate received for commercial and residence lighting was \$0.0495.

One great advantage in addition to the lowering of the cost is that the service rendered for street illumination is far superior to anything the city ever had before it began the illumination of its streets from its own municipal plant.

The citizens of Pasadena have saved sufficient, by reason of the difference in electric rates, to pay for the entire plant. The value of the plant, including all assets, as of June 30, 1913, after writing off \$103,463.06 for depreciation, amounted to \$341,400.35, while the bonds outstanding at that time amounted to only \$281,875.00.

The plan of financing the property has been to use the interest fund, depreciation fund and surplus fund for extensions and construction rather than issue additional bonds, so long as these funds have been sufficient to complete the necessary extensions. However, there would be no objection to issuing bonds for additional extensions if it was thought necessary to do so. Up to the present time there has not been the need for any additional bond issues. The citizens much preferred to invest the depreciation fund in extensions than to deposit it and only realize 2% return from its use as compared with that of earning 8.18% if used for extensions.

The total number of customers at this time is 6,213. The kilowatt capacity of the station is 3,600, while the kilowatt capacity of the lines, transformers and meters amounts in round figures to 5,500.

In developing the business, the management stated that, as the volume of business increased, certain reductions could be made. All promises made have been fulfilled. Rates have been reduced as promised in every case; the last reduction in rates is that of the minimum, which took effect April 18, at which time the minimum for lighting will be 50¢ for residence consumers, thus benefiting a large volume of the small users. Your attention is drawn to the fact that the small user of electrical energy in Pasadena receives an exceedingly low rate, namely, 5¢ for the first quantity.

The plant has presented a striking example of what can be accomplished in any community where the people will co-operate by patronizing an enterprise that belongs to them such as the one under consideration.

The low rates stimulate the volume of business and thereby reduce the cost, enabling more people of moderate means to participate in the benefits and conveniences of such modern utilities.

It is of interest to compare the re-

ports of the Southern California Edison Company and the Municipal Lighting Department, which were filed with the City Clerk, covering the year ending December 31, 1913. All utilities operating in Pasadena have to file annual reports in January covering the year ending December 31.

The service given by the municipal plant is A-1 and the people are highly pleased with the success they have had in operating their first profit earning utility.

	Edison	City
Number of kw-h. generated for distribution and delivered for distribution by our competitor and by this department	5,356,140	5,446,000
Percentage of current lost and unaccounted for	20%	19%
Total income	\$146,066.47	\$161,182.20
Total operating expense, including depreciation, but not including interest on investment	155,000.53	109,532.27
Average rate of depreciation	5%	4.44%
Net receipts		51,649.93
Deficit	9,286.26	
Net income and surplus		30,298.25
Average rate received for light	.0389	.0495
Average rate received for power	.0349	.0187
Average rate received for street lighting		.0491
It might be of interest to mention that the expense of our competitor for all those items other than generation and distribution, applying to general expense, office expense, new business expense, etc., amounted to	49,610.45	
As compared to city		17,881.67

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$10,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Post street west of Larkin, and has been arranged with two and three room apartments on the first four floors and a large residence for the owner on the fifth floor. Plans provide for steam heat, wall beds, elevator service, hot water supply and vacuum cleaning. All suites will have private baths which will be finished in tile. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Bertha Oberfeld. The building will be erected at the southeast corner of Fillmore and Green streets, covering an area of 60½ feet by 77½ feet. There will be a number of two and three room apartments with private baths and wall beds. Plans provide for steam heat. Interiors will be finished in pine with elm panels. Exterior of the building will be covered with rustic tile and cement plaster on metal lath. Carpentry work will be done by the owner and other parts of the work will be segregated.

SAN FRANCISCO—Apartment house, 6 story and base, reinforced concrete, \$10,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, C. A. Meussdorffer. The building will be erected on the east side of Jones street

north of Sutter, having a frontage of 30 feet and a depth of 55 feet. There will be six large apartments finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will be equipped with showers. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, William Wilde, Albany Bldg., Oakland. Owner, Henry Holst. The building will be erected on Orchard street at the corner of Brook, and has been designed to contain four suites of four rooms and bath each. Pine will be used for interior finish. Some oak floors will be specified. There will be open fire places. Mantels will be of tile. Wall beds are specified. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architect, F. H. Gentry, Marsh Bldg., L. A. Owners, Business Properties Co. The building will be erected at the corner of Moneta avenue and Santa Barbara, covering an area of 50 by 120 feet. There will be several stores besides the entrance on the first floor. Upper floors will be arranged in two and three room suites, with private baths and wall beds. Interior finish will be

of pine and redwood with some elm panels. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with pressed brick. Plans are being revised.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$15,000. Architects, Rhodes & Marisch, 3372 16th street, S. F. The building will be erected in East Oakland, and has been designed to contain fifteen apartments. Interiors will be finished in pine throughout. There will be a central heating system and a hot water supply. All suites will have private bath rooms and wall beds. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

PORTLAND, ORE.—Apartment house, 2 story and base, frame, \$20,000. Architects, E. S. Rasmussen & Son, 277 Peerless Place, Portland. Owner's name withheld. The building will be erected at the southeast corner of 24th and East Irving streets, and will contain twenty-three suites of two and three rooms. There will be steam heat, a hot water system and portable vacuum cleaning. Interior finish will be of pine throughout. There will be private baths and wall beds. Exterior of the building will be covered with rustic tile and cement plaster on metal lath. Plans are complete and the work will be done by J. Taylor.

SEATTLE, WASH.—Apartment house, 5 story and base, brick and steel, \$50,000. Architects, American Bridge Co., Arcade Bldg., Seattle. Owner, A. L. Spotts. The building will cover an area of 60 by 113 feet, and has been designed to contain 42 suites of three rooms each. Interiors will be finished in pine throughout. There will be steam heat, elevator service, a hot water system and vacuum cleaning. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BONDS.

PIRU SCHOOL DISTRICT, Ventura Co.—An election will be held here on July 6th to vote bonds of \$1,000 to be used in the erection of a school building and improvements.

SEBESTOPOL SCHOOL DISTRICT, Sonoma Co.—A bond election will be held here on July 17th for the purpose of voting bonds in the sum of \$20,000 to secure funds for the erection of a school building, the purchase of a site and the necessary equipment for same.

NAPA, Napa Co.—The City Council has decided that two bond issues, one for a motor-driven fire engine and other fire apparatus to cost \$12,000, and a second to provide \$10,000 for the laying of storm sewers, would be submitted to the people on July 16th. Both issues were defeated in December of 1913.

SACRAMENTO, Cal.—The initiative petition for the issuance of \$1,250,000 of State bonds for the erection of a building to house all the State offices in Los Angeles has won its place on the ballot. The measure carries the title of "Los Angeles Building Act."

NAPA, Napa Co.—The City Council has decided to call for new bids for the

\$25,000 worth of bonds voted for a bridge across the river at East First street. A legal error in the advertisement caused the cancellation of the first bids.

MECCA ROAD DISTRICT, Riverside Co.—A bond election will be held here July 18th for voting bonds in the sum of \$50,000, same to be used in the constructing and improving of highways.

RICHMOND, Contra Costa Co.—The Supervisors have decided on July 9th for the date of opening bids for the \$75,000 worth of the \$150,000 issue of the bonds of the Richmond School District.

FRESNO, Cal.—The calling of a bond election for a new Hall of Records will come up for consideration before the Board of Supervisors at their next meeting. The building will cost approximately \$100,000, this sum being recommended by the last grand jury. An election was held on the same question six years ago, but was defeated by a vote of 223.

BARNES SCHOOL DISTRICT, Kern Co.—Bids will be received here by the Clerk of the Board of Supervisors for bonds in the sum of \$5,000 until July 14th.

BAKERSFIELD SCHOOL DISTRICT, Kern Co.—Bids will be received by the Clerk of the Supervisors until July 13th for bonds in the sum of \$40,000, to be used in the erection of a school building and the necessary equipment of same.

STINE SCHOOL DISTRICT, Kern Co.—Bids will be received by the Supervisors on July 14th for bonds amounting to \$6,000, funds to be used in the improving of the school district.

BROWNGOLD SCHOOL DISTRICT, Kern Co.—Bids are now being received by the Supervisors for bonds in the sum of \$5,000. Bids will close July 14th. The proceeds of the bonds to be used in improving the district.

BELLINGHAM, Wash.—Bonds in the sum of \$100,000 have been voted for the construction of a high school building here.

MILTON, Ore.—Bonds in the sum of \$18,000 have been voted for the construction of a water system.

EUGENE, Ore.—Bonds amounting to \$111,000 have been sold for the construction of a high school building.

DALLAS, Ore.—\$12,000 in bonds have been voted here for the construction of a septic tank and building site.

ASHLAND, Ore.—\$175,000 in bonds were voted here and carried. The funds will be used in the construction of a water system.

SILVERTON, Ore.—An election will be held soon in School District No. 4 to vote \$12,000 bonds for the erection and additions of school buildings.

HOOD RIVER, Ore.—An election held here for the purpose of voting bonds amounting to \$10,000 was defeated by a large majority.

EPHRATA, Wash.—Bonds amounting to \$15,000 were voted here recently, the proceeds to be used in the construction of school buildings.

PULLMAN, Wash.—Smith and Paschall of Seattle have purchased \$20,000 bonds to be used in the improving of a water system in this city.

TIRLOCK, Stanislaus Co.—Following the order of the State Railroad Commission for a new \$10,000 Southern Pacific depot, conditional upon the city's acquiring as a parking portion 73x100, petitions are now in circulation asking the Board of Trustees to

call a bond election for the purpose of raising funds to purchase same. No amount is specified. The Board will soon call a meeting for the discussion of the question.

KEIKMAN HIGH SCHOOL DISTRICT, Fresno Co.—A resolution has been passed requesting that a bond issue be called for the voting of bonds to erect a high school building here. This will be the second election held on this question.

PARLER SCHOOL DISTRICT, Fresno Co.—An election will be held here on July 11th to vote bonds in the sum of \$3,600 to erect a high school building.

LIVE OAK SCHOOL DISTRICT, Sutter Co.—The Trustees have decided to call another bond election to raise funds in the sum of \$5,000 to be used in the erection of a high school building. The election held on June 15th on the same proposition was lost by a small vote.

RICHMOND, Contra Costa Co.—Directors of the Elks' Hall Association have ordered the sale of \$15,000 additional stock.

HENDERSON, SCHOOL DISTRICT, Shasta Co.—An election held here on June 24th for the purpose of voting bonds for the erection of a new school building carried by a vote of 16 to 1. The bonds will be issued at once, and the contracts to be let for the erection of the building, which is to be completed for the fall term of school.

MAYFIELD, Santa Clara Co.—A bond election held here on June 26th was defeated. There were 191 votes cast, 115 for the issue and 79 against. The election failed to carry by 15 votes.

AUBURN, PLACER CO., CAL.—An election here for the bonding of the Auburn School District for \$17,000 carried by a majority of 418. The funds will be used in the purchasing of a site, the erection of a building and the purchasing of the necessary equipment.

BRIDGES AND DAMS.

YOLO, YOLO CO., CAL.—Trestle timber and reinforced concrete. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed and figures are now being taken by the State Highway Commissioners for the construction of a timber and reinforced concrete trestle over the Yolo By-Pass. Bids will be opened on July 20th. Plans and specifications can be secured from the State Highway Commission.

SAN FRANCISCO—Tunnel construction, \$3,300,000. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications are complete for the construction of the Twin Peaks Tunnel. This tunnel will be 12,000 feet long, 38 feet wide and will be lined throughout with reinforced concrete. There will be two car tracks, four stations including the two portals. A general contract will be let. Bids will be opened by the Board of Public Works on August 19th. Complete information can be secured from the City Engineer.

SANTA CLARA AND SAN BENITO Cos., Cal.—Bridge, steel and concrete. Cost not stated. Engineers, Associated County Surveyors of Santa Clara and San Benito Counties. Owners, Santa Clara and San Benito Counties. Plans

are complete for a steel and reinforced concrete highway bridge to be erected over Pacheco Creek on the Hollister Road. Bids are now being taken and will be opened on July 20th. Plans and specifications can be secured upon application to either of the County Surveyors.

SAN GREGORIO, SAN MATEO CO., CAL.—Highway bridge, reinforced concrete and steel. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans are complete and figures are now being called for on the construction of a steel and reinforced concrete bridge over the San Gregorio Creek in San Mateo County. Bids will be opened by the Board of Supervisors on July 20th. Plans and specifications can be secured from the County Surveyor.

UKIAH, MENDOCINO CO., CAL.—Bridges, frame and concrete. Cost not stated. Engineer, County Surveyor, Ukiah. Owners, Mendocino County. Bids will be opened on July 7th for constructing four timber bridges in Mendocino County. Plans and specifications can be secured from the County Surveyor.

STANISLAUS CO., CAL.—Bridges, 3 timber and 1 concrete. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be opened on July 10th for this work. Plans and specifications can be secured from the County Surveyor.

PORTLAND, ORE.—Bridge and viaduct, \$56,000. Engineer, E. W. Holmes, Portland. Owners, City of Portland. The bridge and viaduct will be erected over the Southern Pacific and Oregon-Washington Railroad and Navigation Co.'s tracks at Holgate street. The steel work alone will cost about \$56,000. The viaduct proper will be 300 feet long with two approaches each 150 feet. The bridge will have two spaces and will be 28 feet wide with two six-foot sidewalks. Plans are now being prepared.

Contracts Awarded.

DURHAM, BUTTE CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineers, Leonard & Pay, Rialto Bldg., S. F. Owners, Butte County. Contractors, Chico Iron Works, Chico. Structural steel. Contract price, \$12,000.

CHURCHES.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Church, 1 story and base, brick and frame, \$21,000. Architect, Henry F. Starbuck, Fresno. Owners, German Lutheran Congregation. Contractor, A. W. Plewe, Fresno, general construction. Barrett-Hicks Co., plumbing and sheet metal work.

FACTORIES & WAREHOUSES.

CALIFORNIA—Reduction plant, reinforced concrete. Cost not stated. Architect's name not given. Owners, Sonoma Magnesite Co., Phelan Bldg., S. F. The Sonoma Magnesite Co., 416 Phelan Bldg., has completed arrangements for opening one of the largest deposits of magnesite in the United States, and will commence shipping their products within three weeks. Eastern capital has been interested, and their engineers are now looking over the ground in an effort to secure the most favorable site for a plant.

Two locations are being considered. One in Sonoma County about seven miles from Casadero, and the other at Sausalito, Marin County. Over \$160,000 will be spent in constructing the plant. Mr. Bee and Mr. Johnson, 416 Phelan Bldg., are in charge of the work.

SAN FRANCISCO—Factory, 3 story and base, brick and steel, \$5,000. Architect, John Little, 604 Mission street. Owners, Bothin Estate. The premises recently destroyed by fire at 12-14 Natoma street are to be repaired. The work will require new interior finish plastering, window frames and sash and electric work. Plans for this work are complete and figures are now being taken.

OAKLAND, CAL.—Bakery plant, 2 and 3 story and base. Class A construction. Cost not stated. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, California Baking Co., Inc. This company has secured a large tract in Oakland and have had preliminary plans prepared for a Class A plant, which will cover a large ground area. Construction will be either of brick and steel or reinforced concrete. Plans provide for a general office building and the plant. The most modern sanitary appliances will be installed. Exterior will probably be faced with cement plaster. Mr. Loesch, representing the owners, is now in the east, and details of construction will not be made public until his return.

FOLSOM, SACRAMENTO CO., CAL.—Shop building, 1 story and base, reinforced concrete, \$10,000. Architect, State Department of Engineering, Sacramento. Owners, State of California. The building will cover an area of 90 by 120 feet and will be built by prison labor. The estimate of \$23,000 is placed on materials only. Plans have been completed and work will be started at once.

FIRE HOUSES AND JAILS.

RED BLUFF, TEHAMA CO., CAL.—Jail, 2 story and base, brick and steel. Cost not stated. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners Tehama County. Revised plans for this work have been completed and are now out for figures. Bids will be opened on July 7th. The building will contain the office of the County Sheriff, wards for male and female prisoners and a guard room. There will be steam heat and a hot water supply. Special jail equipment will be required. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect or from the County Clerk.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architects, Rhodes & Marisch, 3372 16th street. S. F. Owner, Mary Parker, 2255 15th street. S. F. The building will be erected on the north side of 19th street east of Dolores, and has been designed to contain three modern flats of five rooms each. Interior finish will be of pine throughout. There will be an open fire place in each living room with tile mantel. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, Rhodes & Marisch, 3372 16th street. S. F. Owner, Mrs. Cosgrove. The building will be erected at the corner of 17th avenue and Anza street, and has been designed for a store on the first floor and two flats of five rooms each on the upper floor. Interior will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Henry Hansen, 158 Divisadero street, S. F. The building will be erected on the south side of Lincoln west of 10th avenue. The building will have a frontage of 25 feet and a depth of 55 feet, and has been designed to contain three flats of four and five rooms. Interior finish will be of pine and redwood with some hardwood floors. There will be a large open fire place in each living room. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$5,000 each. Architect, none. Owner, J. Johnson. The buildings will be erected on the south side of Lake street near 15th avenue, and each has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile with composition floors. Exteriors of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and the will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, T. Patterson Ross, 310 California street. S. F. Owner, John Beck. The building will be erected on the south side of State west of Castro, and has been designed to contain two flats of five rooms each, covering an area of 25 by 46 feet. Interior will be finished in pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with shiplap. Pressed brick base will be used. Work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Flats, alteration, frame construction, \$2,000. Architects, Hutchinson Bros., 470 13th street. Oakland. Owner's name withheld. The present building located on East 14th near 5th avenue will undergo extensive alterations. The work will require new plastering, painting, plumbing, electric work and interior finish. Plans are complete and the work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Douglas, Wyo., Post Office.

J. F. Jenkins & Co., Ocala, Fla., who has the contract for the construction of the U. S. post office at Douglas, Wyo.,

will use fixtures and material manufactured by the following named firms in the construction of the building: Plumbing fixtures, Crane Co.; cast iron column radiators, Kewanee Boiler Works; wall radiators, American Radiator Co.; non-conducting coverings, H. W. Johns-Manville Co.; radiator valves, Crane Co.; cabinet and tablet, Frank Adam; conduit, Mark Mfg. Co.; rubber-covered wire, John A. Roebbing's Sons Co.; lighting fixtures, Gas Fixture & Brass Co.; pendant switches, General Electric Co.; canopy switches, Cutler-Hammer Mfg. Co.; keyless sockets, Webber Electric Co.; reflectors and glassware, Macbeth-Evans Glass Co.; air valves for radiators, American Radiator Co.; snap switches, Arrow Electric Co.; damper regulator, American Radiator Co.; air valves for end of steam mains, American Radiator Co.; plug receptacles, Harvey-Hubbell Co.; insulating joints, Macallin.

Berkeley, Cal., Post Office.

As previously reported, the contract for the construction, complete, of the U. S. post office at Berkeley, Cal., was awarded to the Van Sant-Houghton Co., 503 Market street, San Francisco, Cal., at \$120,650. In the construction of the building the following fixtures and material can be used: Plumbing fixtures, John Douglas Co.; cast iron column radiators and wall radiators, American Radiator Co.; radiator valves, Crane Co.; damper regulator, American Radiator Co.; air valves for radiators, J. P. Marsh; air exhausting apparatus, Bishop-Babcock Co.; thermostatic element for controlling oil supply, American Radiator Co.; cabinet and tablet, A. G. Electric & Mfg. Co.; conduit, American Conduit Co.; rubber-covered wire, Simplex Wire & Cable Co.; flush switches, General Electric Co.; plug receptacles, Harvey-Hubbell; air valves for end of steam mains, Monash-Yunker Co.

Diversion Work.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with the Morrison-Knudsen Co., of Boise, Idaho, for the construction of Three-Mile Falls diversion works in connection with the Umatilla project, Oregon. The contract price is \$31,865. It is understood that no work will be authorized until receipt of certificate from the district counsel that no serious defect in the right of way is known to exist.

Santa Fe Indian School, Dormitory.

The contract for the construction of an addition to brick dormitory at the Santa Fe Indian School, N. Mex., has been awarded to J. A. Harlan & Son, Albuquerque, N. Mex., at \$16,228.

Fort Casey, Water Main.

The bid of Jones & Cranten, of Port Townsend, Wash., \$2,950 in amount, has been accepted for installing cast iron water main at Fort Casey, Wash.

Cement, Bakers, Utah.

The Secretary of the Interior has authorized the Reclamation Service to execute contracts with the Ogden Portland Cement Co., at Bakers, Utah, and the Union Portland Cement Co., at Devil's Slide, Utah, for 5,500 bbls of Portland cement for each company for use on the Jackson Lake dam, Minidoka Irrigation project, Idaho. The contract price in each case is \$1.33 per bbl f. o. b. factory.

Yuma, Ariz., Highway Bridge.

The following bids were received by the Commissioner of Indian Affairs, Department of the Interior, Washington, D. C., for the construction of a steel highway bridge across the Colorado river at Yuma, Ariz.:

Item 1, for all steel in superstructure, except steel in curbs and reinforcing steel in road and foot walks, erected and painted; 2, for reinforced concrete roadway, foot walks, and curbs; 3, for plank roadway and foot walks, with timber guard rail and furring for stringers; 4, for concrete abutments and piers; 5, for grading approaches; 6, unit price for addition or omission of concrete in abutments and pier to be added to or deducted from item 4.

Omaha Structural Steel Works, Omaha, Neb., item 1, \$77,000; 2, \$51,316; 4, \$9,436.50; 4, \$4,041; 5, \$10,794; 6, \$14 per cu. yd.

The Clinton Bridge Works, Clinton, Iowa, item 1, \$56,700.

The Midland Bridge Co., Kansas City, Mo., item 1, \$50,180; 2, \$9,437; 3, \$4,250; 4, \$20,180; 5, \$160; 6, \$15 per cu. yd.

Penn Bridge Co., Beaver Falls, Pa., item 1, \$52,380; 2, \$9,591; 3, \$3,750; 4, \$16,427; 5, \$500; 6, \$9 per cu. yd.

The Snare & Triest Co., New York City, item 1, \$52,260; 2, \$9,740; 3, \$5,085; 4, \$21,000; 5, \$400; 6, \$9 per cu. yd.

The Missouri Valley Bridge and Iron Co., Leavenworth Kans., item 1, \$38,466; 2, \$9,008; 3, \$5,789; 4, \$17,387; 5, \$231; 6, \$13 per cu. yd.

—HALLS & SOCIETY BLDGS—

SAN JOSE, SANTA CLARA CO., CAL.—Lodge Hall, 4 or 5 story and base, Class A construction, \$100,000. Architect, Louis Lenzen, 110 South 2nd street, San Jose. Owners, Native Sons of the Golden West. Funds have been secured for the construction of a modern lodge building, which will be erected on N. 1st street south of Santa Clara, covering a considerable ground area. Construction will be fireproof throughout. There will be stores on the first floor, lodge rooms, offices of the organization, banquet hall, library and social rooms on the upper floors. Interior will be finished in pine and hardwood veneer with maple floors in the dance room. Plans provide for steam heat, elevator service, metal window sash and frames. Exterior will be faced with artificial stone, pressed brick and terra cotta. Preliminary plans have been prepared.

COLUMA, COLUMA CO., CAL.—Furniture, Hall of Records. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Bids will be opened on July 7th for furnishing metal furniture, desks, chairs, filing cabinets, etc., for the new Hall of Records. Full particulars can be obtained from the architect.

EL MONTE, LOS ANGELES CO., CAL.—City Hall, 1 story, reinforced concrete. Cost not stated. Architect, City Engineer, El Monte, Cal. Owners, City of El Monte. Plans have been completed for a one-story City Hall, which will contain the executive offices, city jail and fire department. Interior finish will be of pine throughout. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and may be obtained from the City Clerk. Bids will be opened on July 6th.

SEATTLE, WASH.—Lodge building, 3 story and basement steel and reinforced concrete, \$120,000. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, Seattle Masonic Temple Association. The building will be erected at the southwest corner of Pine and Harvard streets, covering an area of 120 by 110 feet. There will be stores on the first floor, offices of the organization, a large banquet room and ball room. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are now being taken.

HOSPITALS

NAPA, NAPA CO., CAL.—Hospital, chambers cottage, 1 story, frame and plaster, \$13,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for a chambers cottage at the Napa State Hospital. The sum of \$13,000 is available for construction. Bids are now being taken and will be opened by the State Board of Control in two weeks.

VENTURA, VENTURA CO., CAL.—Hospital group, frame and plaster, \$75,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. A new state institution will be erected at Ventura. The first work to be undertaken will be the construction of a frame hospital building and two cottages. About \$75,000 is available for this work. Preliminary plans only have been prepared. Bids will be called for in about three months.

NORWALK, LOS ANGELES CO., CAL.—Hospital group, 2 story, brick, fireproof, \$160,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. A new institution for the care of the state insane is to be erected at Norwalk. All buildings, consisting of a main administration building, hospital, employees' quarters, power house and commissary, will be of brick construction. The administration building and hospital will be erected first. A central steam heating plant will follow. Interior finish will be of pine. Exterior of all buildings will be faced with pressed brick. The architectural department is now engaged on preliminary studies. Bids will not be called for within six months.

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital dairy building, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids are now being called for and will be opened on July 28th for the construction of new dairy buildings at the Stockton State Hospital. Plans and specifications can be secured from the State Department of Engineering, Sacramento.

HANFORD, KINGS CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$40,000. Architect, Ernest J. Kump, Fresno. Owners, St. Dominican Sisters. Plans have been prepared for a modern two-story fireproof hospital, covering an area of 50 by 102 feet. The first floor will contain office, operating room, and nurses' quarters. Upper floor will be arranged for male and female wards and private rooms. Modern hospital plumbing will be installed. There will be steam heat and a vac-

uum cleaning system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel, 15 story and base. Class A construction, \$150,000 or more. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. Sockolov. This building has been mentioned several times before and a steel contract has recently been let for \$52,500. The building will be of fireproof construction and will contain a total of 140 guest rooms besides the hotel lobby and offices. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, a hot water system and vacuum cleaning system. Ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

SACRAMENTO, CAL.—Hotel, 9 story and base. Class A construction, \$225,500. Architect, L. G. Burgen, Holbrook Bldg., S. F. Owner's name withheld. The building will be erected on one of the prominent business corners of the city and will be of fireproof construction throughout, with a complete steel frame, reinforced concrete walls, concrete floors and brick exterior walls. There will be two stores on the first floor besides the hotel lobby. Upper floors will contain a total of 176 rooms, 70 per cent of which will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

NORTH BEND, ORE.—Hotel, 5 story and base, brick and steel, \$100,000. Architect, George Courtney, North Bend, Ore. Owner's name withheld. The building will be erected on a corner lot and will cover a considerable ground area. There will be stores, hotel lobby, dining room and kitchen on the first floor. Upper floors will contain a total of 110 rooms, the majority of which will have private baths. Interior finish will be of pine. There will be steam heat, a hot water supply and automatic elevator. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

Contracts Awarded.

SEATTLE, WASH.—Hotel, 4 story and base, brick and frame, \$100,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yessler Estate. Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$100,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$25,000. Architect, State Architect of Iowa, Waterloo, Iowa. Owners, State of Iowa. Commissioner G. E. Wilson of Iowa has arrived in San Francisco and is stopping at the St. Francis Hotel. Plans for a two-story frame and plaster building have been prepared by Iowa architects at Waterloo and will reach this city within a week, when bids will be taken. About \$25,-

noon will be spent in construction.

SAN FRANCISCO—Concession building, 1 story, frame and plaster. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Canadian Pacific Railroad, Architect Edward T. Foulkes is taking figures for the construction of a frame and plaster pavilion to be erected by the Canadian Pacific Railroad at the Panama-Pacific Exposition.

SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, A. A. Gunst. The building will house a large and costly exhibit of the well-known tobacco man. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Settees and benches. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures have been taken for furnishing benches and settees for the Exposition Grounds. About 9,000 feet of benches will be required. A contract will be awarded in a day or two.

SAN FRANCISCO—Concession buildings, 4, 1 story, frame and plaster, \$160,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. McConnell. Architect Edward T. Foulkes has prepared plans and work is now underway on four concession buildings on the Exposition Grounds owned by Mr. McConnell, which will cost in the neighborhood of \$160,000. Work is being supervised by Mr. Donocan. These concessions are to be known as The Creation, The Monitor and the Merrimac, Vicksburg and Naren Palace.

SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Bids will be opened in the office of the architect on July 1st for the construction of this building. A complete list of these figures will appear in the next issue of the Building and Industrial News.

SAN FRANCISCO—Exhibit Flour mill, etc., \$25,000. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sperry Flour Co. Architect Edward G. Garden is preparing plans for a large exhibit to be erected by the Sperry Flour Co. in Block No. 10 of the Food Products Palace at the Panama-Pacific Exposition. The space is 62 feet 9 inches by 117 feet 3 inches, and will contain a complete mill plant, bake shop, grain testing laboratories, ten booths and special space to be devoted to the demonstration of the best methods of preparing cereals. The work will cost in the neighborhood of \$25,000 exclusive of the mill machinery.

SAN FRANCISCO—Exhibit building, 1 story and base, frame and plaster, \$45,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, New Zealand. Working drawings are now being prepared for a large exhibit building which will house the displays to be sent by New Zealand. Exterior of the building will be covered with cement plaster. Bids will be called for shortly.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, Denmark, represented by Sec-

retary Herman Korrell, Lick Bldg. The building will represent one of the famous old castles of Denmark. The work has been financed by the Danish American Society of San Francisco. Plans are complete and will shortly be put out for figures which will be confined to members of the society.

Contracts Awarded.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster, \$15,902. Architect's name not given. Owners, State of Virginia. Contractors, Val Franz and Fred P. Fischer, S. F. Contract price, \$15,902.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Car Barn, 2 and 3 story, reinforced concrete. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the second Municipal Car Barn, which is to be erected on the block bounded by 18th, Hampshire, York and Mariposa streets. The building will cover an area of 200 by 382 feet and will have a capacity of 196 cars. Construction will be fire-proof with reinforced concrete walls, floors and roof slabs. Plans have been completed and figures for the excavating will be opened on July 8th. General construction will be figured in about one month.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, E. Peyser, 2257 Union street, S. F. Owner, C. O. Berg, Balboa Bldg., S. F. The dwelling will be erected on Buena Vista Terrace south of Duboce, and has been designed to contain eight rooms and bath. Interior finish will be of pine and hardwood veneer with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath and pressed brick veneer. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,750 each. Architect, none. Owner, A. R. Lapham, 511 12th avenue, S. F. These two houses will be erected on the west side of 12th avenue near Anza, and each will contain six rooms and bath. Pine and elm trim will be used. There will be some hardwood floors. Open fire places will be used in the living rooms. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,850. Architect, none. Owner, J. H. Thorup, 261 26th avenue, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on 25th avenue near Anza street. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on

metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the east side of 46th avenue north of California street and will contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room with a tile mantel. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, John Downey, 3972 23rd street, S. F. The dwelling has been designed for a seven-room house, and will be erected on 25th street near Sanchez. Pine and redwood finish will be used. Oak floors are specified for the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile of brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$10,000 each. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owners, Graeme-MacDonald Building Co., Holbrook Bldg. These two houses will be erected on Sea Cliff west of 25th avenue, commanding a beautiful view of the bay and city. They will rank as the highest class houses ever built for sale in San Francisco. Each dwelling will contain six bed rooms with private baths, living room, dining room, library, den and reception hall besides the kitchen and help's quarters. Interiors will be finished in mahogany and white enamel with hardwood floors. There will be furnace heat, open fire places and automatic water heaters. Vacuum cleaning will be installed. Exteriors will be covered with Caen stone. Plans are complete and the work will be done by Day Labor. Following the completion of these two houses the same owners will erect several other similar dwellings in the same neighborhood.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,250. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling has been designed for a seven-room house with bath, and will be erected on Balboa street west of 44th avenue. Interior finish will be of pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and floor. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,200. Architect, A. Howard Peterson, Blake Bldg., Oakland. Owner, John J. Sjoberg. The dwelling has been designed for a seven-room house with bath and will be erected on

Hampel street. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, H. E. Hanson, 1734 University avenue, Berkeley. The house has been designed for a seven-room dwelling and will be erected on Derby street west of Dana. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with rustic and shingles. Plans are in the hands of the owner and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, James Baughan. The dwelling will be erected in Adams Point, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some elm panels. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, Cost not stated. Architect, Chester M. Miller, Dalziel Bldg., Oakland. Owner, Jessie A. Berger. The dwelling has been designed for a seven-room house with bath and sleeping porch, and will be erected on 21st street near 5th avenue. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, E. E. Davis. The dwelling will be erected at the southeast corner of Brookside and Claremont avenues and will cover a large ground area. A garage will also be erected on the property. Interior of the house will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heater will be installed. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Revisions have been completed and plans are now out for figures for the second time.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, H. Schultze, 512 East 17th street, Oakland. Owner, Dr. W. W. Shannon. The dwelling will be erected on Lake Shore

Drive, and has been designed to contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. E. Jackson. The dwelling will be erected in Crocker Highlands and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Brock. The dwelling has been designed for a seven room house with bath and sleeping porch and will be erected in Berkeley Highlands. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. T. Preble. The dwelling will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Working drawings are nearly complete and figures will be called for shortly.

SISSON, SISKIYOU CO., CAL.—Residence, 2 story and base, frame and stone, \$6,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner Dr. T. C. Burnett. The dwelling has been designed for an eight-room house with bath. Interior finish will be of pine with some hardwood veneer and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or stone. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with stone and cement plaster on metal lath. Plans are being figured.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, Walter King, Elks's

Bldg., Stockton. Owner, W. E. Bennett. The dwelling will be erected in Rours Park and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 story and base, frame, \$3,200. Architect, Walter King, Elks's Bldg., Stockton. Owner, F. B. Hubbard. The dwelling will be erected in Tuxedo Park and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Charles Fennell, 421 East Jefferson street.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: E. D. Wells, 445 17th street, six-room residence, \$2,000; Kelley Bros., 159 Grant street, six-room dwelling, \$2,925; C. C. Lewis, 447 South 15th street, six-room dwelling, \$2,925, and Mrs. W. Wright, 475 North San Pedro street, three-room cottage, \$750.

LOS ANGELES, CAL.—Residence, 2 story, brick and frame, \$25,000. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, Thos. O'Neill. The dwelling has been designed for a fourteen-room house with four baths, and will be erected in Windsor Square. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be a central heating plant and open fire places. Bath rooms will be finished in tile and equipped with showers. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Residence, 2 story and base, frame and plaster, \$75,000. Architects, Foss Designing Co., 100 East Colorado street, L. A. Owner, W. J. Bettingsen. The dwelling will be erected on Hillcrest avenue in the Oak Knoll District, and has been designed in the Colonial style. There will be fifteen rooms, five baths and servants' quarters. A garage will also be erected on the property. Interior will be finished in pine and hardwood and white enamel. A central heating plant will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are being prepared.

POMONA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, C. E. Wolfe, Pomona. Owner, Rev. M. J. Connelly. The house has been designed to contain thirteen rooms and three baths. Interior finish will be of oak and mahogany. There will be three open fire places with tile

brick mantels. Bath rooms will be finished in tile. Hardwood floors are specified. There will be furnace heat. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

POMONA, LOS ANGELES CO., CAL.—Residence, 1 story, frame, \$2,000. Architect, C. E. Wofe, Pomona. Owner, C. Stubbs, Pomona. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. There will be a large open fire place in the living room. Mantel will be of tile. Exterior will be covered with stone and rustic. Plans are complete and figures are being taken.

SCHOOLS.

TROPICO, LOS ANGELES CO., CAL.—School, 1 story and base, frame, \$6,000. Architects, Tuttle & Angel, Delta Bldg., L. A. Owners, Tropico School District. The building will contain two class rooms with an assembly hall. Interior will be finished in pine. There will be furnace heat. Exterior will be covered with cement plaster. Plans are complete and bids will be opened on July 2nd.

CORTLAND, SACRAMENTO CO., CAL.—School, 1 story and base, frame and plaster, \$15,000. Architect, P. J. Terold, Forum Bldg., Sacramento. Owners, Cortland School District. The building has been designed to contain four class rooms and an assembly hall. Interior finish will be of pine throughout. There will be steam radiators. Composition blackboards are specified. Exterior of the building will be covered with cement plaster. Plans are nearly complete and figures will be taken for shortly.

FRESNO, FRESNO CO., CAL.—School, story and base, brick and steel, \$265,000. Architect, State Architect George S. McDougall, Sacramento. Owners, State of California. Money has been made available for the construction of the new Fresno State Normal School and the architectural department is now busy on the working drawings. Bids will be called for within three months. Further mention will be made of the work.

RICHMOND, CONTRA COSTA CO., CAL.—Schools, 3, portable. Cost not stated. Architect, none. Owners, City of Richmond. Bids will be opened on July 17th by the Board of Education for furnishing three portable school buildings and for painting the Nystrom School. Full particulars can be secured from the Clerk of the Board of Education at Richmond.

PASADENA, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$10,000. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, City of Pasadena. The building will contain eight class rooms, library, teachers' rooms, domestic science and manual training departments. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

ALTADENA, LOS ANGELES CO., CAL.—School, 1 and 2 story and base, brick, \$35,000. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Altadena School District. The building has been designed to contain an auditorium, class rooms, domestic science and manual training departments. Interior will be

finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for shortly.

Contracts Awarded.

GRIDLEY, BUTTE CO., CAL.—School, 1 story and base, reinforced concrete, \$20,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Gridley School District. Contractor, D. C. Evans, Marysville. Contract price, \$19,848.

WATSONVILLE, SANTA CRUZ CO., CAL.—School, dormitory, 2 story and base, frame and plaster, \$60,000. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, St. Francis Orphanage. Contractor, Robert Trost, S. F. Contract price not stated. Note: This is the first of several large buildings which will be erected at Watsonville for the St. Francis Orphanage and which will be designed by the same architect and constructed by Robert Trost.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN GREGORIO, SAN MATEO CO., CAL.—Highway work. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on July 6th for constructing .947 miles of highway. Plans and specifications can be secured from the County Clerk.

REDWOOD CITY, SAN MATEO CO., CAL.—Water system extension. Cost not stated. Engineer, City Engineer, Redwood City. Owners, Redwood City. Bids will be opened on July 6th for constructing water main extensions in Redwood City. Four-inch cast iron pipe will be used. Plans and full particulars can be secured by addressing the City Clerk.

EL MONTE, LOS ANGELES CO., CAL.—Water system. Cost not stated. Engineer, City Engineer, El Monte. Owners, City of El Monte. Bids will be opened on July 6th for a complete municipal water system. Plans and specifications can be secured from the City Clerk.

EL MONTE, LOS ANGELES CO., CAL.—Pumps and motors. Cost not stated. Engineer, City Engineer, El Monte. Owners, City of El Monte. Bids will be opened on July 6th for furnishing pumps and motors in connection with the new municipal water system. Plans and specifications can be secured from the City Clerk.

NARROW, WASH.—Machinery, valves and locks. Cost not stated. Engineer, U. S. Reclamation Service, Burge Bldg., Seattle. Owners, United States Government. Bids opened for machinery in connection with the Lake Washington Canal show Meacham & Babcock of Seattle low at \$110,652.70. Bids have been forwarded to Washington, D. C., for further consideration.

Contracts Awarded.

OROVILLE, BUTTE CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Oroville. Contractors, Clark-Henry Co., Sacramento. Contract price, \$36,352.50.

SAN MATEO CO., CAL.—Highway work. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractors, Clark-Henry Co., Sacramento. Contract price, \$69,329.62.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and dance hall, 2 story and base. Class A construction, \$75,000. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Walter E. Dean. The building will be erected at the corner of Eddy and Jones streets, covering a full Fifty Vara lot. Construction will be class A throughout. Exterior will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Office addition and alteration. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, San Francisco Commercial Club. The rooms of the club on the 14th floor of the Merchants' Exchange Bldg. will be enlarged and entirely refinished. Associated with the architect in this work is Frederick Whitton, 251 Kearny street, who will supervise all construction.

SAN FRANCISCO—Stores, 1 story frame, \$7,000. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Lange Investment Co. The building will be erected at the corner of Carl and Cole streets and will contain several modern stores. Interiors will be finished in pine throughout. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Stores, 1 story, frame, \$10,000. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, Jessie Steinhart. The building will be erected at the southwest corner of 21st and Broadway, and has been designed to contain six stores. Interiors will be finished in pine. There will be patent store fronts. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Stores and offices, 3 story and base, brick and steel, \$25,000. Architect's name not given. Owner, Dr. Warren B. Brown. The building will be erected at 618 MacDonald avenue and will contain stores, a printing office and offices. Interior finish will be of pine throughout. There will be a central heating plant and patent store fronts. Exterior of the building will be faced with pressed brick. Plans are ready for figures shortly.

LOS ANGELES, CAL.—Stores, 1 story and base, brick, \$5,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, J. H. Burch. The building will be erected at the corner of 9th and Figueroa streets, and will contain five stores. Interior will be finished in pine. There will be patent store fronts. Exterior will be faced with pressed brick. Plans are complete and a contract will be let shortly.

AURORA, ORE.—Department store, 2 story and base, reinforced concrete. Cost not stated. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Kraus & Son. The first floor of the building will be used for a large department store. Second floor will contain apartments. Interior finish will be of pine throughout. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans will be ready for figures about July 10th.

THEATRES.

OAKLAND, CAL.—Theatre and store, 2 story and base. Class A construction, \$70,000. Architect, Edward T. Foulkes, Crocker Bldg., S. E. Owners, Bishop Co. The building will be erected at the northwest corner of 14th and Harrison streets and will be fireproof throughout. Plans have been revised and figures are again being taken. Exterior will be faced with cement plaster.

SEALED PROPOSALS.

PROPOSALS FOR EXCAVATION.

EXCAVATION—Department of the Interior, United States Reclamation Service, Montrose, Colo.—Sealed proposals will be received at the office of the United States Reclamation Service, Montrose, Colo., until 4 o'clock p. m. July 9, 1914, for the construction of about 3.4 miles of the Selig canal and 3.5 miles of the Upper Selig extension canal of the Selig canal system, Uncompahgre Valley project, in the vicinity of Montrose, Colorado. The work involves the excavation of about 145,000 cubic yards of material in open cut. For particulars address the United States Reclamation Service, Montrose, Colo., or 519 Commonwealth, Denver, Colo. FRED D. PYLE, project manager.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR, 578—Proposals for Cast Iron Water Pipe and Fittings, Valves, Steel Rail, Angle Bars, Frogs, Switches, Switch Stands, Steel Shapes and Plates, Steel Billets, Steel Cable, Rivets, Bolts, Boat Spikes, Turnbuckles, Nails, Steel Washers, Galvanized Wire Lath, Copper Screening, Brass Bars, Copper Bars, Sheet Copper, Sheet Brass, Bronze Bars, Staples, Lead Pipe, Motor-Driven Woodworking Shaper, Wood Trimmers, Motor-Driven Sailmaker's Sewing Machine, Leather Belting, Blotting Paper, Flour and Yellow Pine Dipper Sticks.—Sealed proposals will be received at the office of the General Purchasing Officer, the Panama Canal, Washington, D. C., until 10:30 a. m. July 6, 1914, at which time this circular will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular can be obtained from this office or the offices of the Assistant Purchasing Agent, 1036 North Point Street, San Francisco, Cal.; also from the U. S. Engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, Major, Corps of Engineers, U. S. Army, General Purchasing Officer.

PROPOSALS FOR BOILERS.

BOILERS—Sealed proposals indorsed "Proposals for Boilers and Accessories" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 11, 1914, and then there publicly opened, for furnishing and installing four 100-horsepower water-tube boilers, a fan and motor, valve, piping and all other accessories in the central power plant, United States naval hospital, Las Animas, Colo. Plans and specifications can be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

PURSUANT to Resolution No. 526 N. S. passed June 23rd, 1914, the Council of the City of Oakland, will receive bids for furnishing of all materials, labor and workman as required in connection with the construction, erection and finish of Carpentery and Millwork, Plumbing and Gas Fitting, Commission Roofing, Sheet Metal and Sky-lights, Glass and Glazing, Drapery, Heating, Automatic Fire Extinguishing System, Architectural Metal, Heating and Ventilating, for the building of an Auditorium to be erected on the grounds of Peralta Park located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bids for Auditorium," (specifying work to be done), addressed to the Council and deposited by the bidder, or his agent, with said Council while in session between 11 o'clock a. m. and 12 o'clock noon, Pacific Time, on the 14th day of July, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workman, and be in accordance with the plans, drawings, and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty days after receiving notice of award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in amount equal to twenty per centum (20%) of the amount named in the agreement. The contractor will execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing material to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposal and of the required affidavits, agreement bonds, acknowledgments and specifications will be furnished to contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after June 25th, 1914, within a reasonable time after application, and deposit of twenty-five dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction; such additional copies to be returned to the Architect together with the first set.

Information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 196 of the Charter of the City of Oakland. By order of the Council of the City of Oakland, FRANK M. SMITH, City Clerk.

PROPOSALS FOR WHARF.

WHARF—Sealed proposals indorsed "Proposals for Wharf" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 22, 1914, and then there publicly opened, for a timber and pile wharf at the United States naval coal depot, San Diego, Cal. Estimated cost, \$3,300. Plans and specifications can be obtained on application to the bureau of the commanding officer of the coal depot. H. R. STANFORD, chief of bureau.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, in their rooms in the Court House, in the City of San Jose, in said county, up to 11 o'clock a. m. of Monday, July 20, 1914, for the construction of a steel highway bridge over Pacheco Creek between the counties of San Benito and Santa Clara at the road leading from Hollister to San Felipe, in accordance with plans and specifications for said bridge jointly prepared by the Surveyors of Santa Clara and San Benito counties, which are on file in the Chambers of the Board of Supervisors of Santa Clara county.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as indicated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days of the faithful performance of the conditions of the contract.

Bids for this work will also be received, up to 11 o'clock a. m. of Monday, July 20, 1914, at the Board of Supervisors of San Benito County in the town of Hollister, and the contract for said work will be awarded to the successful bidder as may be agreed upon by the Board of Supervisors of San Benito county and the Board of Supervisors of Santa Clara county as the lowest responsible bidder for said work.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry M. Ayer, Chairman of the Board of Supervisors of Santa Clara county, and indorsed "Bids for Steel" Highway Bridge over Pacheco Creek."

By order of the Board of Supervisors of Santa Clara county, Attest: HENRY A. PFISTER, Clerk.

By F. A. Schilling, Deputy Clerk.

NOTICE TO BIDDERS.

NOTICE is hereby given that the Clerk of the Board of Supervisors of the County of Mendocino, State of California, will receive at his office in Ukiah, Mendocino County, California, up to 2 p. m. of Tuesday, July 7th, 1914, sealed bids for the construction of a wooden bridge across Poonkinney Creek at the new Two-Rivers and Covelo Road in the Third Supervisor District of said county.

Plans and specifications for this work have been duly adopted by the Board of Supervisors of said county, the office of said clerk, to which said plans and specifications all bidders are hereby referred.

All bids to be sealed and accompanied by a certified check for 10 per cent of the amount of the bid.

The successful bidder will be required to enter into a contract with said County for the construction of said bridge, and will also be required to give a bond in half the total amount of said bid for the faithful performance of the work and another bond in like amount for the protection of material men and laborers or mechanics employed on the work.

The Board reserves the right to reject any and all bids.

HALE McCOWEN, Clerk of the Board of Supervisors.

NOTICE TO BIDDERS.

PURSUANT to an order of the Board of Supervisors of the county of Stanislaus, State of California, made and entered on the 9th day of June, 1914, notice is hereby given that sealed bids will be received by the undersigned clerk of the said Board up to and not later than the hour of 10 a. m. of the 14th day of July, 1914, for the construction of three bridges at the intersection in the county of Stanislaus, State of California, in accordance with the plans and specifications on file in my office, where the same can be inspected by intending bidders during office hours.

All bids must be accompanied by a certified check on some reliable bank of the State of California, in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be re-

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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quired within ten days after such award, or failing so to do will forfeit the amount of said check as liquidating damages for such failure.

Bids to be submitted on special forms, which can be obtained from the county clerk.

The Board reserves the right to reject any or all bids.

H. BENSON,
Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS.

THE BOARD OF EDUCATION of the Richmond School District invites and will receive at its office in the Lincoln School on to 7:30 o'clock p. m. of July 7th, 1914, at which place and time the bids will be opened, separate sealed proposals on the following two jobs:

1. Painting the Nystrom School.
2. Furnishing all material for and constructing three portable school rooms.

Specifications for either job may be had at the Builders' Exchange, Tenth street and Bissell avenue, Richmond. Each bid must be accompanied by Twenty Dollars in coin or certified check made payable to the Clerk of the Board, which shall be forfeited should the successful bidder fail to enter into a proper contract within 5 days from the award of the same. The Board reserves the right to reject any or all proposals.

By order of the Board of Education of Richmond School District.

W. T. HELMS, Clerk.

NOTICE TO CONTRACTORS.

BIDS will be received by the Board of Supervisors, County of Kern, State of California, up to 10 a. m. of July 15th, 1914, for the construction of a pile trestle bridge across the North Fork of Kern River at Kernville, on County Road No. 31, dimension 208 feet long, 20 feet wide; also a pile trestle bridge across branch channel of same stream near above bridge site. Dimensions 32 feet long, 20 feet wide. Plans and specifications at County Surveyor's Office.

Each bid to be accompanied with a certified check payable to the Chairman of the Board of Supervisors, to the amount of 10 per cent of amount of bid to insure the entering into of a contract by the successful bidder.

The Board reserves the right to reject any or all bids.

Additional Notice.

Lumber for the bridges can be secured from the A. Brode Co., of Kernville at the following rates:

- \$23 per M. at the mill on Greenhorn Mountain.
- \$30 per M. delivered at the bridge site.

By order of the Board of Supervisors of the County of Kern, State of California.

H. A. JASTRO, Chairman.

Attest: I. L. MILLER, Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, July 23, 1914, said bids then and there to be publicly opened and read in the presence of all bidders, materials, and labor, and doing the work required for the construction, erection and installation of the Elevator Work, California State Library, State Capitol Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted in sealed and unopened envelopes to the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum

(10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California."

[SIGNED] W. F. McCLURE,
State Engineer. ()

NOTICE TO CONTRACTORS.

PROPOSALS are now being received from various manufacturers of **lawn settees and benches** for use on the Exposition Grounds. Between 7,000 and 8,000 five foot benches will be required. Full information may be had by applying at the office of the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco.

Bids will be received until Tuesday morning, June 30th, 1914, at 9 A. M.

By order of the Buildings and Grounds Committee

WILLIAM H. CROCKER,
Chairman. ()

PROPOSALS FOR TURBINE.

TURBINE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 14, 1914, for furnishing a variable head turbine for the Salt River Project, Arizona. For particulars address U. S. Reclamation Service, 105 Federal Bldg., Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR METAL FLUMES.

METAL FLUMES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. July 1, 1914, for furnishing about 1,766 linear feet of metal flumes of various diameters ranging from 5 feet 9 inches to 11 feet 6 inches. For particulars address the United States Reclamation Service, Washington D. C. or Great Falls, Mont. F. H. NEWELL, director.

PROPOSALS FOR BRIDGE WORK.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to 11 o'clock a. m. of Monday, July 20, 1914, for the construction of a reinforced concrete extension to the bridge over Llagas Creek on San Martin avenue in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry M. Ayer, Chairman of the Board of

Supervisors of Santa Clara County, and indorsed "Bids for Extension of Bridge at San Martin Avenue."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER,
Clerk.
By F. A. Schilling, Deputy Clerk.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that the Board of Trustees of the City of Fresno, County of Fresno, State of California, on Monday, the 6th day of July, 1914, beginning at the hour of 8 o'clock p. m. and ending at the hour of 9 o'clock p. m. of said day, will be in session at the Council Chamber in the City Hall of said City of Fresno, for the purpose of receiving, and will receive proposals or bids for the following:

A combined mixer and heater for bituminous road mixtures, the same to have a capacity of approximately ten cubic feet per batch of mixed material, with approximately a six-horsepower engine to operate the mixer, and with approximately twelve horsepower boiler for heating and mixing.

Bidders must submit specifications therewith with their bids.

Said bids will be opened at the hour of 9 o'clock p. m. on said 6th day of July, 1914, and all bids must be accompanied by a check certified by a responsible bank, payable to the order of the Mayor and City Clerk of said City of Fresno, for an amount not less than ten per cent of the amount of the proposal.

The Board of Trustees reserves the right to reject any or all bids made.

The successful bidder shall within five days after contract has been awarded make and execute a written contract therewith with said City of Fresno in form approved by the City Attorney of said City, and shall also make and execute a bond to said City and file the same with the City Clerk in a sum not less than one-half of the total amount of said bid, which said bond shall be conditioned that said combined mixer and heater shall be delivered to said City of Fresno, in accordance with the specifications submitted therefor, within the time specified in said contract, not to exceed in any event ninety days from the date of said contract.

Dated this 9th day of June, 1914.

W. H. RYAN,
City Clerk of the City of Fresno.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Clerk of the Board of Supervisors of Marin County, California, up to 12 o'clock p. m. of Tuesday, the 7th day of July, 1914, for the construction of a wooden bridge with concrete foundations to be constructed at the crossing of Nicasio Creek between Stations "C1" and "C2" upon the proposed new road in Road Districts Nos. 4 and 6, Marin County, California.

All in strict accordance with the plans and specifications therefor now on file in the office of the County Clerk of said County.

Each bid shall be accompanied by a certified check drawn on any responsible bank for an amount not less than ten per cent of the aggregate of the proposal and made payable to the order of the Chairman of the Board of Supervisors of Marin County, as a guarantee that the bidder will enter into a contract for the performance of said work.

The Board reserves the right to reject any or all bids.

E. GRAHAM,
Clerk of the Board of Supervisors.

PROPOSALS FOR REINFORCED CONCRETE BRIDGE.

OFFICE of the Clerk of the City of Napa, City Hall, Napa, California.

Notice is hereby given that in pursuance of an order of the City Council of the City of Napa, made and entered on the 2nd day of June, 1914, plans and specifications were adopted by the City Council for building a reinforced steel and concrete bridge across Napa River where East First street crosses said river, which plans and specifications are now on file in the City Clerk's office.

And further notice is hereby given that sealed bids will be received by the undersigned at his office for constructing said bridge according to plans and specifications, and opened on **Thursday, July 2nd, 1914, at 7:30 a. m.** No bid will be received unless accompanied by a certified check or certificate of deposit equal to 5 per cent of the total amount of bid, made payable to the City Clerk of the City of Napa; said check or certificate will be returned to the party or parties whose bids are not accepted, and to the party whose bid is accepted, upon his entering into a contract with said City of Napa for said work and giving such bond as the Council may hereafter determine.

Copies of plans, specifications and contract may be had upon application to the City Clerk and upon a deposit of \$10, which will be returned to the bidder upon his returning said plans and other papers in good condition. Bidders shall bid only upon forms which will be furnished upon application.

The Council reserves the right to reject any and all bids.

By order of the City Council,
DAVID C. SCHRIBER, City Clerk.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. July 20, 1914**, for the construction, complete (including mechanical equipment, interior lighting fixture and approaches), of the United States post office at Bozeman, Mont. Two-story and basement building, ground area 4,300 square feet, partially fire-proof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Bozeman, Mont., or at this office, in the discretion of the supervising architect. O. WEN-DEROTH, supervising architect.

PROPOSALS FOR GENERATOR.

GENERATOR—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until **2 o'clock p. m., July 14, 1914**, for furnishing one vertical alternating-current generator for the Salt River project, Arizona. For particulars apply to U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

NOTICE IS HEREBY GIVEN that the Board of Education of the City of Fresno School District will receive sealed bids for building, constructing and making alterations and additions to the **present Shop Building** located on Block No. 122, Fresno City (known as High School Block) and furnishing all work and materials therefor, according to the plans and specifications, which may be seen at the office of W. D. Coates Jr., Room 626 Rowell Building, where the terms and conditions of bidding may be learned. Bids must be addressed to C. C. Starr, Secretary, and left at his office in the High School Building on or before **5 P. M., July 2nd, 1914**, when the bids will be opened. The Board reserves the right to reject any or all bids.

By order of said Board of Education,
C. C. STARR, Secretary.

ADDITIONAL TERMS AND CONDITIONS.

All bids must be sealed and have a copy of this notice attached to be accompanied by a certified check in the sum of at least 10% of such bid, said sum to be forfeited to the undersigned in the event of the bid being accepted and the bidder failing, refusing or neglecting, within 5 days after notice of acceptance of bid to enter into a satisfactory contract with the undersigned for the completion and construction and the furnishing of all work, labor and material necessary therefor. (*)

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office 405 Custom House, San Francisco Cal.—Sealed proposals for dredging in San Joaquin River and Stockton Channel, Cal., will be received here until **10 a.**

m., July 25, 1914, and then publicly opened. Information on application. S. A. CHERNEY, major engineers.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION. NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until **2 o'clock P. M., on July 20th, 1914**, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made.

Reinforced concrete and timber trestles in Yolo County across the Yolo By-pass, on the southerly side of the Southern Pacific Railroad, a length of about 3 miles.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. DARLINGTON,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN R. FLETCHER,
Highway Engineer.

CHARLES C. CARLETON,
Acting Secretary.
Dated: June 23, 1914. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, July 20th, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Gymnasium California School for Deaf and Blind, Berkeley, California**, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the

Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately upon the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gymnasium, California School for Deaf and Blind, Berkeley, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Wednesday, July 22nd, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Laundry, Southern California State Hospital, Patton, California**, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Laundry, Southern California State Hospital, Patton, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$25,000. San Francisco. Architect, State Architect of Iowa, Waterloo, Iowa. Owners, State of Iowa. Commissioner G. E. Wilson of Iowa has arrived in San Francisco and is stopping at the St. Francis Hotel. Plans for a two-story frame and plaster building have been prepared by Iowa architects at Waterloo and will reach this city within a week when bids will be taken. About \$25,000 will be spent in construction.

CONCESSION BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Canadian Pacific Railroad. Architect Edward T. Foulkes is taking figures for the construction of a frame and plaster pavilion to be erected by the Canadian Pacific Railroad at the Panama-Pacific Exposition.

EXHIBIT BUILDING—1 story,

frame and plaster. Cost not stated. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, M. S. Gunst. The building will house a large and costly exhibit of the well-known tobacco man. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SETTEES AND BENCHES—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures have been taken for furnishing benches and settees for the Exposition Grounds. About 9,000 feet of benches will be required. A contract will be awarded in a day or two.

CONCESSION BUILDINGS—4, 1 story, frame and plaster, \$160,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. McConnell. Architect Edward T. Foulkes has prepared plans and work

is now underway on four concession buildings on the Exposition grounds owned by Mr. McConnell, which will cost in the neighborhood of \$160,000. Work is being supervised by Mr. Donovan. These concessions are to be known as The Creation, The Monitor and The Merrimac, Vicksburg and Naren Palace.

EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect, C. W. Dickey. Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Bids will be opened in the office of the architect on July 1st for the construction of this building. A complete list of these figures will appear in the next issue of the Building and Industrial News.

EXHIBIT FLOUR MILL, ETC.—\$25,000. San Francisco. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sperry Flour Co. Architect Edward G. Garden is preparing plans for a large exhibit to be erected by the Sperry Flour Co. in Block No. 10 of the Food Products Palace at the Panama-Pacific Exposition. The space is 62 feet 9 inches by 117 feet 3 inches, and will contain a complete mill plant, bake shop, grain testing laboratories, ten booths and special space to be devoted to the demonstration of the best methods of preparing cereals. The work will cost in the neighborhood of \$25,000, exclusive of the mill machinery.

EXHIBIT BUILDING—2 story, frame and plaster, \$15,000. San Francisco. Architect, Lewis P. Hobart. Crocker Bldg., S. F. Owners, New Zealand. Working drawings are now being prepared for a large exhibit building which will house the displays to be sent by New Zealand. Exterior of the building will be covered with cement plaster. Bids will be called for shortly.

EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, Denmark, represented by Secretary Herman Korrell, Lick Bldg. The building will represent one of the famous old castles of Denmark. The work has been financed by the Danish American Society of San Francisco. Plans are complete and will shortly be put out for figures, which will be confined to members of the society.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, L. E. Peyser, 2257 Union street, S. F. Owner, C. O. Berg, Balboa Bldg., S. F. The dwelling will be erected on Buena Vista Terrace south of Duboce, and has been designed to contain eight rooms and bath. Interior finish will be of pine and hardwood veneer with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the dwelling will be covered with cement plaster on metal lath and pressed brick veneer. Plans are complete and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$2,750 each. San Francisco. Architect, none. Owner, A. R. Lapham, 511 12th avenue, S. F. These two houses will be erected on the west side of 12th avenue near Anza, and each will contain six rooms and bath. Pine and elm trim will be used. There will

be some hardwood floors. Open fire places will be used in the living rooms. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,550. San Francisco. Architect, none. Owner, J. H. Thorup, 251 26th avenue, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on 25th avenue near Anza street. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the east side of 16th avenue north of California street, and will contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room with a tile mantel. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, John Downey, 3972 23rd street, S. F. The dwelling has been designed for a seven-room house and will be erected on 25th street near Sanchez. Pine and redwood finish will be used. Oak floors are specified for the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$10,000 each. San Francisco. Architects, MacDonald & MacDonald, Holbrook Bldg., S. F. Owners, Graeme-MacDonald Building Co., Holbrook Bldg., S. F. These two houses will be erected on Sea Cliff west of 25th avenue, commanding a beautiful view of the bay and city. They will rank as the highest class houses ever built for sale in San Francisco. Each dwelling will contain six bed rooms with private baths, living room, dining room, library, den and reception hall besides the kitchen and help's quarters. Interiors will be finished in mahogany and white enamel with hardwood floors. There will be furnace heat, open fire places and automatic water heaters. Vacuum cleaning will be installed. Exterior will be covered with Caen stone. Plans are complete and the work will be done by Day Labor. Following the completion of these two houses the same owners will erect several similar dwellings in the same neighborhood.

RESIDENCE—2 story and base, frame, \$4,250. San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The

dwelling has been designed for a seven-room house with bath, and will be erected on Balboa street west of 44th avenue. Interior finish will be of pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and floor. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSE—5 story and base, Class C construction, \$40,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Post street west of Larkin and has been arranged with two and three room apartments on the first four floors and a large residence for the owner on the fifth floor. Interior will be finished in pine and elm with hardwood finish in the fifth floor. Plans provide for steam heat, wall beds, elevator service, hot water supply and vacuum cleaning. All suites will have private baths which will be finished in tile. Tile and marble will be used in the entrance. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Bertha Oberfeld. The building will be erected at the southeast corner of Fillmore and Green streets, covering an area of 60½ feet by 77½ feet. There will be a number of two and three room apartments with private baths and wall beds. Plans provide for steam heat. Interiors will be finished in pine with elm panels. Exterior of the building will be covered with rustic and cement plaster on metal lath. Carpentry work will be done by the owner and other parts of the work will be segregated.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$40,000. San Francisco. Architect, C. A. Meussdorfer, Humboldt Bank Bldg., S. F. Owner, C. A. Meussdorfer. The building will be erected on the east side of Jones street north of Sutter, having a frontage of 30 feet and a depth of 55 feet. There will be six large apartments finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and will be equipped with showers. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

REDUCTION PLANT—Reinforced concrete. Cost not stated. California. Architect's name not given. Owners, Sonoma Magnesite Co., Phelan Bldg., S. F. The Sonoma Magnesite Co., 416 Phelan Bldg., has completed arrangements for opening one of the largest deposits of magnesite in the United States, and will commence shipping their products within three weeks. Eastern capital has been interested, and their engineers are now looking over the ground in an effort to secure the most favorable site for a plant.

Two locations are being considered, one in Sonoma County, about seven miles from Casadero, and the other at Sausalito, Marin County. Over \$160,000 will be spent in constructing the plant. Mr. Bee and Mr. Johnson, 416 Phelan Bldg., are in charge of the work.

FACTORY—3 story and base, brick and steel, \$5,000. San Francisco, Architect, John Eitler, 604 Mission street, S. F. Owners, Bothin Estate. The premises recently destroyed by fire at 12-14 Natoma street are to be repaired. The work will require new interior finish plastering, window frames and sash and electric work. Plans for this work are complete and figures are now being taken.

FLATS—a story and base, frame, \$5,000. San Francisco, Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, Mary Parker, 2255 15th street, S. F. The building will be erected on the north side of 19th street east of Dolores, and has been designed to contain three modern flats of five rooms each. Interior finish will be of pine throughout. There will be an open fire place in each living room with tile mantel. Bath rooms will have the wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and segregated figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco, Architects, Rhodes & Marisch, 3372 16th street, S. F. Owner, Mrs. Cosgrove. The building will be erected at the corner of 17th avenue and Anza street, and has been designed for a store on the first floor and two flats of five rooms each on the upper floor. Interior will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco, Architect, none. Owner, Henry Hansen, 158 Divisadero street, S. F. The building will be erected on the south side of Lincoln west of 10th avenue. The building will have a frontage of 25 feet and a depth of 55 feet, and has been designed to contain three flats of four and five rooms. Interior finish will be of pine and redwood with some hardwood floors. There will be a large open fire place in each living room. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—2, 2 story and base, frame, \$5,000 each. San Francisco, Architect, none. Owner, J. Johnson. The buildings will be erected on the south side of Lake street near 17th avenue, and each has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile with composition floors. Exteriors of the buildings will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,000. San Francisco, Architect, T. Patterson Ross, 310 California street, S. F. Owner, John Beck. The building will be erected on the south side of State west of Castro, and has been designed to contain two flats of five rooms each, covering an area of 25 by 46 feet. Interior will be finished in pine with some elm panels. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with shiplap. A pressed brick base will be used. Work will be done by Day Labor. Materials are now being purchased.

CAR BARN—2 and 3 story, reinforced concrete. Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the second Municipal Car Barn which is to be erected on the block bounded by 18th, Hampshire, York and Mariposa streets. The building will cover an area of 200 by 382 feet and will have a capacity of 196 cars. Construction will be fireproof with reinforced concrete walls, floors and roof slabs. Plans have been completed and figures for the excavating will be opened on July 8th. General construction will be figured in about a month.

HOTEL—15 story and base. Class A construction, \$150,000 or more. San Francisco, Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, J. Sockolov. This building has been mentioned several times before and a steel contract has recently been let to the Central Iron Works for \$52,500. The building will be of fireproof construction and will contain a total of 140 guest rooms besides the hotel lobby and offices. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, a hot water system and vacuum cleaning system and vacuum cleaning. Ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

STORES AND DANCE HALL—2 story and base. Class A construction, \$75,000. San Francisco, Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Walter E. Dean. The building will be erected at the corner of Eddy and Jones streets, covering a full Fifty Vara lot. Construction will be class A throughout. Exterior will be faced with pressed brick and terra cotta. Plans are being prepared.

OFFICE ADDITION AND ALTERATION—Cost not stated. San Francisco, Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley, Owners, San Francisco Commercial Club. The rooms of the club on the 14th floor of the Merchants' Exchange Bldg., will be enlarged and entirely refinished. Associated with the architect in this work is Frederick Whitton, 251 Kearny street, who will supervise all construction.

STORES—1 story, frame, \$7,000. San Francisco, Architect, Edward Garden, Phelan Bldg., S. F. Owners, Lange Investment Co. The building will be erected at the corner of Carl and Cole streets, and will contain several modern stores. Interiors will be finished

in pine throughout. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

TUNNEL CONSTRUCTION—\$3,300,000. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans and specifications are complete for the construction of the Twin Peaks Tunnel. This tunnel will be 12,000 feet long, 38 feet wide and will be lined throughout with reinforced concrete. There will be two car tracks, four stations including the two portals. A general contract will be let. Bids will be opened by the Board of Public Works on August 19th. Complete information can be secured from the City Engineer.

Contracts awarded.

EXHIBIT BUILDING—2 story, frame and plaster, \$15,902. San Francisco, Architect's name not given. Owners, State of Virginia. Contractors, Val Franz and Fred P. Fischer, S. F. Contract price, \$15,902.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
2131	Urban Rlty	Urban Rlty	5000
2132	Welsh	Welsh	4000
2132	Swanson	Hoin	400
2134	Harvey	Harvey	3600
2135	Vackles	Hoin	5000
2136	Vanderbilt	Hoin	5000
2137	Hunius	Klahn	2200
2138	De Curtioni	Mitrovich	7500
2139	Gross	Yates	7950
2140	S. Invst	Yates	36144
2141	Same	Central	1400
2142	Same	Central	7635
2143	Same	Larsen	5000
2144	Same	Pinkerton	8260
2145	Same	Van Emon Elev	3050
2146	Infant Incubator	Van Sant	10000
2147	Ensinger	Pegel	4300
2148	Johnson	Johnson	5000
2149	Same	Same	5000
2150	Hess	Walker	500
2151	Denniston	Drew	1000
2152	Olund	Carlson	500
2153	Funcheson	Heden	700
2154	Norris	Norris	800
2155	Anderson	Hein	400
2156	Arnold	Cal Cptr	400
2157	Anderson	Hall	450
2158	Heyman	Heyman	4250
2159	Clift	Clinton	61500
2160	Same	Clark	6095
2161	Same	Raymond	2900
2162	P. I.	Kelson	5250
2163	Gaffney	Hansen	41000
2164	Nathan	Petri	7900
2165	Trefts	Ernst	618
2166	Same	McCubbin	500
2167	Same	Wooldridge	6032
2168	Devine	De Martini	7550
2169	Sockolov	Central Iron	52500
2170	Kitterman	Schkade	400
2171	Pitto	Pitto	1500
2172	S. P.	S. P.	8000
2173	Nelson	Nelson	2500
2174	Pompe	Pompe	2850
2175	Turnup	Turnup	200
2176	Butler	McSheehy	400
2177	Downey	Downey	2950
2178	Pacific Tel & Tel.	Owner	200
2179	Pacific Coast Iron	Judson	3200
2180	Beck	Beck	4000
2181	Oberfeld	Oberfeld	20000
2182	Johanson	Johanson	12000
2183	Fond	Currie	5270
2184	Worms	Holm	7500
2185	Goetjen	Fraser	1386
2186	McGaw	Christ	897
2187	Pennsylvania	Lanase	38826
2188	Kellogg	Morgan	15925
2189	Bank of Italy	Williams	20940
2190	Berg	Berg	6000
2191	Burke	Pierson	450
2192	Naughton	Naughton	1000
2193	Pegeler	Pegeler	400
2194	Johnson	Johnson	750
2195	Hinkel	Hinkel	3500
2196	Widrin	Piske	2500
2197	New York	McLean	20000
2198	Panda	Ratto	14015
2199	Grav	Leigh	7175
2200	Lombardi	Loncono	10250
2201	Reynard	Stevens	400
2202	Ashurst	Bell	4960
2203	Comb Am	Burnham	2138
2204	Same	Halket	15832
2205	Lapham	Lapham	2750

2206	Same	.....Same	2750
2207	Hansen	.....Hansen	4000
2208	Hammell	.....Polati	400
2209	Holbrook	.....Brundfield	500
2210	Jacobs	.....Hamill	1000
2211	Katz	.....Katz	4000
2212	Volight	.....Volight	1800
2213	Shipser	.....Novelty	400
2214	Schirman	.....Novelty	500
2215	McGahle	.....Saraille	3550
2216	Brown	.....Johnston	1330
2217	Meller	.....Belofsky	1200
2218	Clift	.....Monarch	11000
2219	Same	.....Snook	51372
2220	Same	.....Manerum	32800
2221	Same	.....Newbery	10538
2222	Same	.....National Lath	16390
2223	Same	.....Otis	190000

(2131) W DE SOTO 100 N Urban Drive. Two-story and basement frame dwelling.

Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., San Francisco (for F. L. Gerke).

Architect...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.

Day's work. COST, \$5000

(2132) E TWENTY-SECOND AVE 375 S Lake. Two-story and basement frame residence.

Owner.....James Welsh, 244 20th Ave., San Francisco.

Architect...None.

Day's work. COST, \$4000

(2133) NO. 1108 BUCHANAN. Plaster store, alter front and cement floor.

Owner.....A. Swenson, 1540 California, San Francisco.

Architect...None.

Contractor...Theo. S. Hoin, 1449 Hyde, San Francisco.

COST, \$400

(2134) S TWENTIETH 90 E Valencia. One-story brick bakery.

Owner.....J. G. Harney, Pacific Bldg., San Francisco.

Architect...None.

Day's work. COST, \$3600

(2135) NOS. 711-15 THIRD. Construct gallery.

Owner.....Wakeles.

Architect...None.

Contractor...Theo. S. Hoin, 1449 Hyde, San Francisco.

COST, \$400

(2136) E MONTGOMERY 70-6 S Pine. Five-story and basement brick office building.

Owner.....Mrs. W. K. Vanderbilt, Jr., New York.

Architect...None.

Contractor...J. H. Hjul, Merchants' Exchange Bldg., S. F.

COST, \$50,000

(2137) N HUGO 120 E Fourth Ave E 25xN —. All work except electrical work and gas fixtures and shades for one-story frame meat market building.

Owner.....E. W. Hunius, 205 Hugo, San Francisco.

Architect...A. Klahn.

Contractor...A. Klahn & Son, 27 Chenery, San Francisco.

Filed June 22, '14. Dated June 22, '14.

Frame up\$550

White coated550

Completed550

Usual 35 days550

TOTAL COST, \$2200

Bond, none. Limit, 60 days. Forfeit, \$3. Plans and specifications filed.

(2138) SV THIRD AVE & CLEMENT S 70xW 30. Alterations and addi-

tions to three-story frame flats and stores.

Owner.....Frank De Curtoni, Mountain View, Cal.

Architect...None.

Contractor...J. I. Mitrovich Bldg. Co., 1034 Golden Gate Ave., San Francisco.

Filed June 22, '14. Dated June 10, '14.

Frame up\$940

Rustic and roof on937

Brown coated937

White coated937

Base and casings on937

Completed937

Usual 35 days1875

TOTAL COST, \$7500

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2139) E COMMONWEALTH AVE 133-4 S California S 33-4xE 120. All work for two-story residence.

Owner.....Louis Gross, 45 Kearny, San Francisco.

Architect...None.

Contractor...Wm. F. Yates, 335 21st Ave., San Francisco.

Filed June 22, '14. Dated June 17, '14.

Progressive payments on 1st of each month25%

Usual 35 days25%

TOTAL COST, \$7950

Bond, none. Limit, 100 days from July 1st. Forfeit, none. Plans and specifications filed.

(2140) E LEAVENWORTH 85 S Geary S 42-6 E 110-6 N 44 W 27 S 1-6 W 53-6. Excavation, concrete, carpenter, stair, roofing, mill, glazing, rough hardware, deafening, marble, tiling, mosaic, galvanized iron, composite floor, painting, tinting, papering, lath, plaster, electric work for five-story and basement apartment house.

Owner.....San Francisco Investment Corporation.

Architect...David C. Coleman, Nevada Bank Bldg., S. F.

Contractor...Monson Bros., 1907 Bryant, San Francisco.

Filed June 22, '14. Dated May 27, '14.

On 1st of each month75%

36 days after25%

TOTAL COST, \$30,144

Bond, \$15,072. Surety, Maryland Casualty Co. Limit, 150 days. Forfeit, \$20. Plans and specifications filed.

(2141) FIRE ESCAPES, ORNAMENTAL iron gate and window guards on above.

Contractor...Central Iron Works, 631 Florida, San Francisco.

Filed June 22, '14. Dated May 27, '14.

Completed and accepted\$1050

36 days after350

TOTAL COST, \$1400

Bond, \$700. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(2142) STRUCTURAL STEEL, CAST iron bases, anchors, ties and plates on above.

Contractor...Central Iron Works, 631 Florida, San Francisco.

Filed June 22, '14. Dated May 27, '14.

Completed and accepted\$1050

36 days after350

TOTAL COST, \$1400

Bond, \$700. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(2142) STRUCTURAL STEEL, CAST iron bases, anchors, ties and plates on above.

Contractor...Central Iron Works, 631 Florida, San Francisco.

Filed June 22, '14. Dated May 27, '14.

2nd floor of steel beams in place\$1908.75

4th floor of steel beams in place1908.75

Completed and accepted1908.75

36 days after1908.75

TOTAL COST, \$7635.00

Bond, \$3817.50. Surety, Globe Indem-

nity Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(2143) COMMON AND TAPESTRY brick work on above.

Contractor...H. H. Larsen & Bro., Crocker Bldg., S. F.

Filed June 22, '14. Dated May 27, '14.

Brick work up to 2d floor level\$1250

Brick work up to 5th floor level1250

Completed and accepted1250

36 days after1250

TOTAL COST, \$5000

Bond, \$2500. Surety, Maryland Casualty Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(2144) PLUMBING, SEWERING, GAS fitting, plumbing fixtures, hot water and steam heating plant on above.

Contractor...Jas. H. Pinkerton, 2266 Fulton, San Francisco.

Filed June 22, '14. Dated May 27, '14.

Plumbing and heating roughed in\$3097.50

Completed and accepted3097.50

36 days after2065.00

TOTAL COST, \$8260.00

Bond, \$4130. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days. Forfeit, \$20. Plans and specifications filed.

(2145) 1 PUSH BUTTON FULL AUTOMATIC freight elevator and passenger elevator on above.

Contractor...Van Emon Elevator Co., Inc., 60 Natoma, S. F.

Filed June 22, '14. Dated May 27, '14.

On delivery of engine 1/2

When engine in position 1/4

When completed 1/4

TOTAL COST, \$2050

Bond, \$1525. Surety, Pacific Coast Casualty Co. Limit, forfeit, none. Plans and specifications filed.

(2146) EXPOSITION SITE. All work for infant incubator buildings for baby incubator concession.

Owner.....Infant Incubator Co.

Architect...Wm. C. Hays, 65 Post, S. F.

Contractor...Dunnivant-Houghton-Van Sant, Inc., 503 Market, San Francisco.

Filed June 22, '14. Dated June 22, '14.

At end of each month75%

Usual 35 days25%

TOTAL COST, \$10,000

Bond, \$5000. Surety, Southwestern Surety Insurance Co. Limit, 40 days after July 1. Forfeit, none. Plans and specifications filed.

(2147) W FIFTEENTH AVE 190-10 N Anza. Two-story and basement frame dwelling.

Owner.....Fred Ensinger, 352 4th Ave., San Francisco.

Architect...None.

Contractor...Frank Pegel, 366 10th Ave., San Francisco.

COST, \$4300

NOTE:—Frame up.

(2148) S LAKE 57-6 E 17th Ave. Two-story and basement frame flats.

Owner.....J. Johnson, 488 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(2149) S LAKE 32-6 E 17th Ave. Two-story and basement frame (2) flats.

Owner.....J. Johnson, 488 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(2150) NO. 440 TWENTY-EIGHTH Ave. Add to dwelling.
Owner.....E. O. Hess, Premises.
Architect...J. Wilbur Walker, 1183 Oak, San Francisco.
Contractor...Walker & Haynes, 1183 Oak, San Francisco.
COST, \$500

(2151) NO. 1349 MISSION. Repair fire damage.
Owner.....E. C. Denniston, Premises.
Architect...None.
Contractor...Drew & Co., 48 Ramona, San Francisco.
COST, \$1000

(2152) NE HURON 160 N Farragut. One-story and basement frame dwlg.
Owner.....E. Ostlund, — Huron, S. F.
Architect...None.
Contractor...Carlson & Heglin, 216 Braham Ave., San Francisco.
COST, \$500

(2153) NO. 1336 SANCHEZ. Add, alter and repair dwelling.
Owner.....Kate Funcheon, Premises.
Architect...None.
Contractor...G. Heden, 116 Sussex, S. F.
COST, \$700

(2154) NE BUSH AND DEVISADERO. Repair fire damage.
Owner.....Estate Fannie Norris, Cr H. Morris, Executor, San Jose, Cal.
Architect...None
Day's work. COST, \$800

(2155) NO. 3251 TWENTY-FIRST. Add to dwelling.
Owner.....James Anderson, Premises.
Architect...None.
Contractor...T. H. Hein, 270 Coleridge, San Francisco.
COST, \$400

(2156) NO. 1250 STOCKTON. Repair store.
Owner.....Mr. Arnold.
Architect...None.
Contractor...California Carpenter Shop Co., 1249 1/2 Grant Ave., San Francisco.
COST, \$400

(2157) SE CAPP & TWENTY-SIXTH. Minor repairs to bottling works.
Owner.....Anderson & Carlsen, Prem.
Architect...None.
Contractor...Jos. Hall, 161 Precita Ave., San Francisco.
COST, \$450

(2158) N BALBOA 107-6 W 44th Ave. Two-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$4250

(2159) SE GEARY AND TAYLOR, S 137-6x E 87-6. Reinforced concrete work for 12-story and basement Class "A" hotel building.
Owner.....Clift Realty Co., 1st Nat'l Bank Bldg., San Francisco.
Architect...G. A. Applegarth, Call Bldg., San Francisco.
Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed June 22, '14. Dated June 22, '14.
Payments semi monthly of.... 75%
30 days after..... 25%
TOTAL COST, \$61,500
Bond, \$30,750. Surety, Globe Indemnity Co. Limit, 70 days. Forfeit, \$50. Plans and specifications filed.

(2160) ARCHITECTURAL TERRA cotta on above.
Contractor...N. Clark & Sons, 116 Natoma, San Francisco.
Filed June 22, '14. Dated June 22, '14.
Architectural terra cotta up to 3rd story belt course.....\$1850
Architectural terra cotta delivered at building..... 1200
Architectural terra cotta in and accepted..... 1520
Usual 35 days.....Balance
TOTAL COST, \$6600

Bond, \$3050. Surety, Massachusetts Bonding & Insurance Co. Limit, 57 days. Forfeit, none. Plans and specifications filed.

(2161) GRANITE WORK ON ABOVE.
Contractor...Raymond Granite Co., 3 Potrero Ave., San Francisco
Filed June 22, '14. Dated June 22, '14.
Payments semi monthly of.... 75%
36 days after..... 25%
TOTAL COST, \$2900

Bond, \$1450. Surety, Massachusetts Bonding & Insurance Co. Limit, 35 days. Forfeit, \$50. Plans and specifications filed.

(2162) EXPOSITION SITE. Certain macadam roadways to be treated with asphaltic oil or sheet asphalt wearing surface.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor...Raisch Improvement Co., Crocker Bldg., S. F.

Filed June 23, '14. Dated June 11, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$52,750

Bond, \$30,000. Sureties, Fredk. Raich T. E. Treacy and Jas. J. Flinn. Limit, 180 days. Forfeit, \$50. Plans and specifications filed.

(2163) N SUTTER 81 W Taylor N 137-6xW 56-6. All work except structural steel, cast iron bases, plumbing, heating apparatus, electric wiring, painting, elevators, lighting fixtures and shades for four-story Class "C" apartment building.
Owner.....Clara M. Clayton, Josephine L. Struve, Geo. W. Livingston, Edwin P. Gaffney and Willetta H. Hendrickson.
Architect...G. A. Lansburgh, 709 Mission, San Francisco.
Contractor...F. L. Hansen, M. A. Gunst Bldg., San Francisco.

Filed June 23, '14. Dated June 5, '14.
Grading and concrete walls and piers in place ready for steel. \$ 2,000
Brick work up to 2d floor level 5,000
Brick work done and roof on 5,000
Partitions set ready for lathing 5,000
Brown coated 5,000
Standing finish on 5,000
Completed and accepted..... 3,750
Usual 35 days..... 10,250
TOTAL COST, \$41,000
Bond, \$21,000. Sureties, Fidelity & Deposit Co. of Maryland. Limit, 8 months Forfeit, \$20. Bonus, \$20. Plans and specifications filed.

(2164) W JONES 65 N Broadway W 68-6xN 35 50 V B 241. All work except shades, lighting fixtures, plumbing, painting, wall bed and finish hardware for two-story attic and basement frame flat dwelling.
Owner.....Laura S. Nathan.
Architect...Righetti & Headman, Pheasant Bldg., San Francisco.

Contractor...Farnocchia-Petri Co., 397 Chestnut, San Francisco.
Filed June 24, '14. Dated June 23, '14.
Excavating and concrete foundations completed.....\$1000
Entire framing completed and finish roof on..... 1641
Finish coat plaster on..... 1641
Completed and accepted..... 1643
Usual 35 days..... 1975
TOTAL COST, \$7900

Bond, \$3950. Surety, Illinois Surety Co. of Illinois, crpn. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(2165) S GREEN 150 E Pierce E 25xS 109 WA 375. Plumbing for two-story and basement frame flats
Owner.....Walter E. Trefts, 2052 Sutter, San Francisco.
Architect...E. P. Antonovich, Monadnock Bldg., San Francisco.
Contractor...Henry Ernst & Sons, 633 Hayes, San Francisco.
Filed June 24, '14. Dated June 10, '14.
Plumbing roughed in.....\$230
Completed and accepted..... 230
Usual 35 days..... 158
TOTAL COST, \$618

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2166) PAINTING ON ABOVE.
Contractor...Jas. McCubbin, 170 20th, San Francisco.
Filed June 24, '14. Dated June 10, '14.
2nd coat on interior and exterior.\$175
Completed and accepted..... 200
Usual 35 days..... 125
TOTAL COST, \$500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2167) EXCAVATING, CONCRETE, brick, patent flues, marble, mosaic, tile, carpentry, mill, glazing, hardware, tin, galvanized iron, lath and plaster and electric work on above.
Contractor...L. C. Woolridge, 170 6th Ave., San Francisco.
Filed June 24, '14. Dated June 10, '14.
Enclosed, roof on & floors laid.\$1508
Plaster completed, electric work roughed in and flues in..... 1508
Completed and accepted..... 1508
Usual 35 days..... 1508
TOTAL COST, \$6032

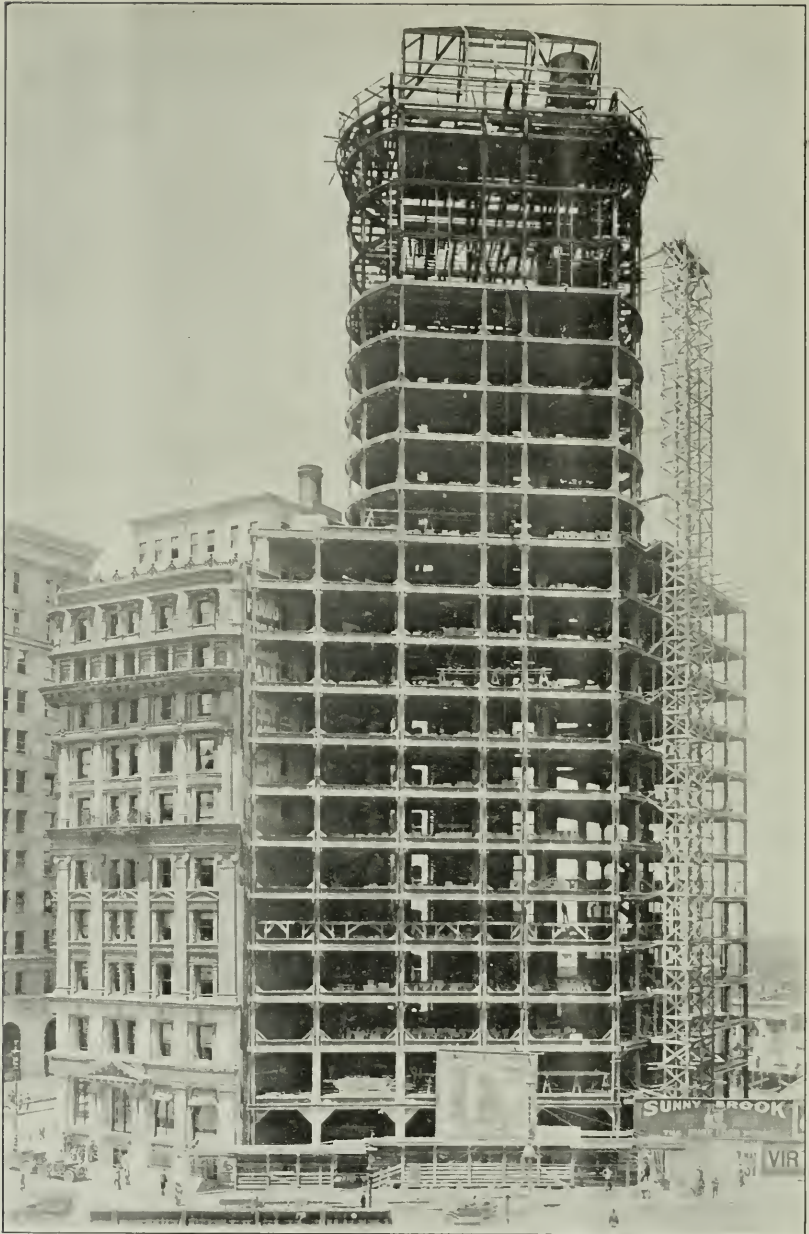
Bond, \$3016. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(2168) N FILBERT 187-6 W Larkin W 25xN 137-6. All work except mantels, shades, lighting fixtures, finish hardware and wall beds for three-story and basement frame flats.
Owner.....Nellie and Denis Devine, 1346 Filbert, San Francisco.
Architect...Paul F. De Martini, 2123 Powell, San Francisco.
Contractor...Paul F. De Martini.

Filed June 24, '14. Dated June 22, '14.
Frame up and rafters on.....\$1895
Brown coated 1895
Completed and accepted..... 1895
Usual 35 days..... 1895
TOTAL COST, \$7580

Bond, \$3925. Sureties, G. B. Cordano and Stefano Arata. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(2169) W POWELL 91-3 N Post N 46-1 xW 80. Structural steel work and cast iron for 15-story, attic and basement Class "A" steel frame hotel.
Owner.....J. Sokolov, 1857 O'Farrell, San Francisco.



STRUCTURAL STEEL OF THE NEW HOBART BUILDING
San Francisco

Willis Polk & Co., Architects
San Francisco



NEW HOBART BUILDING AS IT WILL APPEAR WHEN COMPLETED
San Francisco

Willis Polk & Co., Architects
San Francisco

Architect...Rousseau & Rousseau, Mo-nadnock Bldg., S. F.
Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed June 24, '14. Dated June 23, '14.
On 15th and 30th of each month 75%
36 days after..... 25%
TOTAL COST, \$52,500
Bond, \$26,250. Surety, Pacific Coast Casualty Co. Limit, 100 days after June 20. Forfeit, \$25. Plans and specifications filed.

(2170) NO. 2842 FILBERT. Repairs to dwelling.
Owner.....Mr. Kitterman, Premises.
Architect...None.
Contractor...E. A. Schkade, 240 20th Ave., San Francisco.
COST, \$400

(2171) W OTEGO 160 S Onondago. One-story and basement frame dwlg.
Owner.....D. Pitto, Premises.
Architect...None.
Day's work. COST, \$1500

(2172) THIRD, bet. Townsend and King. Construct foundation for passenger depot.
Owner.....Southern Pacific Co., Third and King, San Francisco.
Architect...Engineering Department.
Day's work. COST, \$5000

(2173) E SIXTEENTH AVE 200 N California. Two-story and basement frame dwelling.
Owner.....Fernando Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2174) NO. 2959 FOLSOM. Add two-story frame to factory.
Owner.....Pompei Macaroni Factory, Premises.
Architect...A. W. Richardson, 937 Church, San Francisco.
Day's work. COST, \$800

(2175) E TWENTY-FIFTH AVE 125 N Anza. Two-story and basement frame residence.
Owner.....J. H. Thorup, 281 26th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2850

(2176) NW BRYANT AND TENTH. Move saloon and flat.
Owner.....H. J. Butler, 498 10th, S. F.
Architect...None.
Contractor...McSheehy Bros., 47 Lang-ton, San Francisco.
COST, \$400

(2177) S TWENTY-FIFTH 76-9 W Sanchez. Two-story and basement frame dwelling.
Owner.....John Downey, 3973 23rd, San Francisco.
Architect...None.
Day's work. COST, \$2950

(2178) NO. 140 NEW MONTGOMERY. Sheath ceiling with "Beaver Board."
Owner.....Pacific Telegraph & Telephone Co., Shreve Bldg., San Francisco.
Architect...C. W. Burkett, Shreve Bldg., San Francisco.
Day's work. COST, \$700

(2179) SIXTEENTH & RHODE ISLAND. Construct crane runway.
Owner.....The West Coast Iron Wks., Premises.
Architect...None.

Contractor...Judson Mfg. Co., 823 Folsom, San Francisco.
COST, \$3200

(2180) S STATE 400 W Castro. Two-story and basement frame (2) flats.
Owner.....John Beck, 110 Jessie, S. F.
Architect...T. Patterson Ross, 319 California, San Francisco.
Day's work. COST, \$4600

(2181) SE FILLMORE & GREEN. Three-story and basement frame (12) apartments.
Owner.....Bertha Oberfeld, 437 Bankers' Investment Bldg., San Francisco.
Architect...Frederick H. Meyer, 437 Bankers' Invest. Bldg., S. F.
Day's work. COST, \$20,000

(2182) E FRANKLIN 127-84 N Sacramento. Three-story and basement frame (6) flats.
Owner.....J. Eric Johanson, 110 Jessie San Francisco.
Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.
Contractor...J. Eric Johanson, 110 Jessie San Francisco.
COST, \$12,000

(2183) NO. 2504 SCOTT N of Pacific Ave. All work for alterations and additions except electric work, electric fixtures, mantels, bath accessories, interior painting, papering, etc., for residence.
Owner.....Samuel Pond, 21 National Bank Bldg., S. F.
Architect...Houghton Sawyer, Shreve Bldg., San Francisco.
Contractor...Currie & Currie, 1215 3rd Ave., San Francisco.
Filed June 25, '14. Dated June 23, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5270
Bond, \$2635. Surety, The Aetna Accident & Liability Co. Limit, 60 days.
Forfeit, \$10. Plans and specifications filed.

(2184) S GREENWICH 137-6 E Hyde E 34-4½xS 137-6. All work for two-story and basement frame residence.
Owner.....Eulah M. Coates.
Architect...T. P. Ross, 310 California, San Francisco.
Contractor...M. Holm & Son, 68 Post, San Francisco.
Filed June 25, '14. Dated June 12, '14.
1st story joists in place.....\$1420
Ready for lathing..... 1420
White coated 1420
Completed and accepted..... 1410
Usual 35 days..... 1890
TOTAL COST, \$7560
Bond, \$3780. Sureties, F. W. Herring & F. L. Maino. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(2185) NE McALLISTER & WEBSTER 137-6x85. Lath and plaster for alterations and additions to lodging house.
Owner.....Metha Goetjen, 906 Webster, San Francisco.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor...Simon Fraser, 3873 20th, San Francisco.
Filed June 25, '14. Dated June 16, '14.
Brown coated\$693.00
Completed and accepted..... 346.50
Usual 35 days..... 346.50
TOTAL COST, \$1386.00
Bond, none. Limit, 25 days. Forfeit, \$5. Specifications only filed.

(2186) N GREEN 116-5 & W Jones W 47xN 120. Staining, filling, painting, varnishing, etc., for two-story and basement and attic frame residence.
Owner.....John McGaw, Mills Bldg., San Francisco.
Architect...Oscar Haupt, Helian Bldg San Francisco.
Contractor...Fred E. Christ, 2506 Fillmore, San Francisco.
Filed June 25, '14. Dated June 25, '14
Outside work two coated and inside work 2 or 3 coated.....\$300
Completed and accepted..... 372
Usual 35 days..... 225
TOTAL COST, \$897
Bond, none. Limit, as fast as possible.
Forfeit, none. Specifications only filed

(2187) EXPOSITION SITE. General construction, plumbing and electric work for Pennsylvania Pavilion.
Owner.....Pennsylvania Panama-Pacific Commission.
Architect...H. Hornbostel, New York City.
Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.
Filed June 25, '14. Dated June 25, '14.
On 15th of each month..... 85%
On completion, balance of contract price
TOTAL COST, \$38,826
Bond, \$19,413. Surety, The Aetna Accident & Liability Co. Limit, 150 days.
Forfeit, none. Plans and specifications filed.

(2188) N WASHINGTON 92-3½ W Taylor W 49-3½xN 60. All work for three-story apartment flats.
Owner.....Bertha M. Kellogg, 1250 Washington, San Francisco.
Architect...Austin Whittlesey.
Contractor...Marcus Marcussen, 19 De-visadero, San Francisco.
Filed June 25, '14. Dated June 9, '14.
Completion of frame work.....\$2875
Ready for plastering..... 2875
On completion of plastering..... 2875
Completed and accepted..... 2875
Usual 35 days..... 3825
TOTAL COST, \$15,325
Bond, \$7662.50. Surety, The Aetna Accident & Liability Co. Limit, 120 days.
Forfeit, none. Plans and specifications filed.

(2189) NE TURK & MASON. Alterations and additions to basement and first floor of building.
Owner.....The Bank of Italy, Prem.
Architect...W. D. Shea, 244 Kearny, San Francisco.
Contractor...Howard S. Williams, Hearst Bldg., S. F.
Filed June 25, '14. Dated April 16, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$20,940
Bond, \$10,470. Sureties, F. E. Kara and D. B. Macdonald. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(2190) E BUENA VISTA AVE 51 S Duboce. Two-story and basement brick residence.
Owner.....C. G. Berg, 604 Balboa Bldg., San Francisco.
Architect...L. E. Peyser, 2257 Union, San Francisco.
Day's work. COST, \$6000

(2191) NO. 2310 BRODERICK. Add 1 room to school.
Owner.....Miss K. D. Burke, Prem.
Architect...None.
Contractor...Pierson & Lee, 434 Grove, San Francisco.
COST, \$450

(2192) NO. 159 SAN CARLOS. Minor repairs on interior of flats.
Owner.....Naughton Estate.
Architect....Palch & Knoll, Examiner Bldg., San Francisco.
Day's work. COST, \$1000

(2193) SW CHURCH AND HANCOCK. New front, minor changes and repairs.
Owner.....Wm. Tegeler, 654 Church, San Francisco.
Architect...None.
Day's work. COST, \$400

(2194) NO. 367 FAIRIS. Plaster five rooms and bath and finish carpenter work.
Owner.....Thos. H. Johnson, Premises
Architect...None.
Day's work. COST, \$750

(2195) W CASTRO 70 S Elizabeth. Two-story frame flats.
Owner.....Ben. F. Hinkel, 740 Castro, San Francisco.
Architect...None.
Contractor..Hinkel Bros., 740 Castro, San Francisco.
COST, \$3500

(2196) S IRVING 700 W Eighth Ave. One-story frame store and dwelling.
Owner.....M. Widrin, 539 Irving, S. F.
Architect...None.
Contractor..F. A. Piske, 1363 8th Ave., San Francisco.
COST, \$2950

(2197) EXPOSITION SITE. Two-story frame and plaster building.
Owner.....New York Commission Panama-Pacific Exposition.
Architect...None.
Contractor..Neil A. McLean, Chronicle Bldg., San Francisco.
COST, \$20,000

NOTE:—Building nearly completed.

(2198) N UNION 137-6 W Leavenworth main depth 127-6 W frontage of 59 and frontages of 20 feet each on S Haven and 137-6 W Leavenworth. All work except grading, excavation and heating system for two-story and basement brick apartment building.

Owner.....Dr. C. O. Fanda, 303 Columbus Ave., S. F.
Architect...Louis Mastropasqua, 580 Washington, San Francisco
Contractor..John Ratto, Inc. and G. Cristina.

Filed June 26, '14. Dated June 18, '14.
1st floor joists on.....\$1752.00
Complete roof on.....1752.00
1st coat plaster on.....3503.75
Completed and accepted.....3503.75
Usual 35 days.....3503.75

TOTAL COST, \$14,015.25
Bond, \$7050. Sureties, A. Ratto and P. Prasso, Limit, 90 days after grading done. Forfeit, none. Plans and specifications filed.

(2199) S CALIFORNIA 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. All work for three 5-room and basement cottages.
Owner.....John Gray, 2252 Clement, San Francisco.
Architect...Plans by Contractor.
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.

Filed June 26, '14. Dated June 23, '14.
Walls up and roof on.....\$1781.25
Brown coated1781.25
Completed and accepted.....1781.25

Usual 35 days.....1781.25
TOTAL COST, \$7125.00
Bond, none. Limit, 90 days. Forfeit.
\$1 Plans and specifications filed.

(2200) 25 FEET ON E STOCKTON, 25 on N Filbert and 55 on W side of private alley. All work for three-story frame building.
Owner.....Pietro Lombardi & Olivo Riccomini, 427 Union, S. F.
Architect...Louis Mastropasqua, 580 Washington, San Francisco
Contractor..Antonio Loncono.

Filed June 26, '14. Dated June 22, '14.
Frame up and roof on.....\$2576.25
1st coat plaster on.....2576.25
Completed and accepted.....2576.25
Usual 35 days.....2576.25
TOTAL COST, \$10,305.00
Bond, \$5153. Surety, Chicago Bonding & Surety Co. Limit, 100 days. Forfeit, \$4. Plans and specifications, none.

(2201) NO. 524 FIFTH AVE. Carpenter, mill, cement, painting, plastering for additions to building.
Owner.....Albert and Elizabeth Bernhardt, 524-A 5th Ave., S. F.
Architect...Stevenson & Gowan.
Contractor..Stevenson & Gowan, 156 Girard, San Francisco.

Filed June 26, '14. Dated June 22, '14.
Completed\$400
Usual 35 days.....100
TOTAL COST, \$500
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2202) E COLLINS 125 S Point Lobos Ave. S 25xE 120. All work except lighting fixtures for two-story and basement frame apartments.
Owner.....Mary A. Ashurst, 101 Belvedere, San Francisco.

Architect...None.
Contractor..J. D. Bell, Pacific Bldg., San Francisco.

Filed June 26, '14. Dated June 24, '14.
Frame up\$1235
Rustic and roof on.....1235
Completed and accepted.....1235
Usual 35 days.....1235
TOTAL COST, \$4940
Bond, limit, forfeit, none. Plans and specifications filed.

(2203) EXPOSITION SITE. Plumbing gas fitting, tank and tank work for submarines.

Owner.....Combined Amusements Co.
Architect...A. J. Bain, Phelan Bldg., San Francisco.

Contractor..Burnham Plumbing Co., 1220 Webster, S. F.

Filed June 26, '14. Dated June 17, '14.
On list of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2138

Bond, \$1070. Surety, Fidelity & Deposit Co. of Maryland. Limit, none. Forfeit, none. Plans and specifications filed.

(2204) EXPOSITION GROUNDS. All work for two structures known as Submarines.

Owner.....Combined Amusements Co.
Engineers...J. B. Howell and A. J. Bain, Phelan Bldg., S. F.

Contractor..Wm. Halket, 1245 Harrison, San Francisco.

Filed June 26, '14. Dated June 15, '14.
Receipt of \$949.92 acknowledged
July 15, 1914.....\$3324.72
August 15, 1914.....3324.72
September 15, 1914.....3324.72
October 15, 1914.....3324.72

TOTAL COST, \$15,832.00
Usual 35 days.....1583.20
Bond, \$7985. Surety, American Surety Co. of New York. Limit, Nov. 1, 1914. Forfeit, none. Plans and specifications filed.

(2205) W TWELFTH AVE 150 S Anza. Two-story frame dwelling.
Owner.....A. R. Lapham, 511 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2750

(2206) W TWELFTH AVE 25 S Anza. Two-story frame dwelling.
Owner.....A. R. Lapham, 511 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2750

(2207) S LINCOLN WAY 32-6 W 10th Ave. Two-story and basement frame (2) flats.
Owner.....Henry Hansen, 158 Divisadero, San Francisco.
Architect...None.
Day's work. COST, \$4000

(2208) SW CALIFORNIA & SEVENTEENTH AVE. Change windows in store and marble wainscoting.
Owner.....Gustave Hammell.
Architect...None.
Contractor..G. Polati, 2327 Greenwich, San Francisco.
COST, \$400

(2209) CLAY, EAST & MERCHANT. Roof sign (electric).
Owner.....Holbrook - McGuire Co., Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$500

(2210) NOS. 443-45-47-49 BAY. Construct concrete wall.
Owner.....A. P. Jacobs, Washington and Davis, S. F.
Architect...None.
Contractor..Thos. Hamill, 268 25th Ave., San Francisco.
COST, \$1000

(2211) E MISSION 150 S 17th. Additions and alterations.
Owner.....Chas. Katz, 1200 Dolores, San Francisco.
Architect...None.
Day's work. COST, \$4000

(2212) E MOSCOW 100 N Persia. One-story and basement frame dwelling.
Owner.....Geo. F. Voight, 276 29th, San Francisco.
Day's work. COST, \$1800

(2213) NO. 910 MARKET. Electric sign.
Owner.....Ma L. Shirper, Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$40

(2214) NO. 36 KEARNY. Electric sign
Owner.....Dr. R. J. Schirman, Prem.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$500

(2215) E SIXTEENTH AVE 72 N Lake N 25xE 67-6 O L 57. All work for two-story and basement frame residence.

Owner... Robert J. McGahie, Mills Bldg., San Francisco.
 Architect... Paul F. De Martin, 2123 Powell, San Francisco.
 Contractor... A. Sarraille & S. Lagomarsino, 2115 Powell, S. F.
 Filed June 27, '14. Dated June 25, '14.
 Frame up and rafters on.....\$875.00
 Brown coat plaster on.....\$75.00
 Completed and accepted.....\$12.50
 Usual 35 days.....\$87.50
TOTAL COST, \$3550.00

Bond, \$1775. Sureties, Edward McKeever and N. Capurro. Limit, forfeit, none. Plans and specifications filed.

(2216) NOS. 279-281-283-285 CLEMENT. Alterations and additions to frame flats.
 Owner.....J. D. Brown.
 Architect...None.
 Contractor...Jas. T. Johnston, Jno. E. Branagh and Thos. A. Cuthbertson, 1776 12th Ave., San Francisco.

Filed June 27, '14. Dated June 17, '14.
 Brown coated.....\$498.75
 Completed and accepted.....\$98.75
 Usual 35 days.....\$32.50
TOTAL COST, \$1330.00

Bond, none. Limit, 60 days after June 22. Forfeit, none. Plans and specifications filed.

(2217) NOS. 1441-1443 EUCANAN. All work for raising and altering building.
 Owner.....Jos. Meller, 1130 Golden Gate Ave., San Francisco.
 Architect...None.
 Contractor...H. Belofsky.
 Filed June 27, '14. Dated June 24, '14.
 Usual 35 days.....\$1200
TOTAL COST, \$1200

Bond, none. Limit, 6 weeks. Forfeit, none. Plans and specifications filed.

(2218) SE GEARY AND TAYLOR S 137-6x E 87-6. Ornamental metal work for 12-story and basement Class "A" hotel building.
 Owner.....Cliff Realty Co., 1st Nat'l. Bank Bldg. by F. J. Walker Co., Agent, Monadnock Bldg., San Francisco.
 Architect...G. A. Applegarth, Call Bldg., San Francisco.
 Contractor...Monarch Iron Works, 1161 Howard, San Francisco.
 Filed June 27, '14. Dated June 24, '14.
 Semi-monthly payments of.... 75%
 36 days after..... 25%
TOTAL COST, \$11,000

Bond, \$5500. Surety, Massachusetts Bonding & Insurance Co. Limit, Nov. 1, 1915. Forfeit, \$50. Plans and specifications filed.

(2219) PLUMBING ON ABOVE
 Contractor...Frederick W. Snook Co., 596 Clay, San Francisco.
 Filed June 27, '14. Dated June 24, '14.
 Payments same as above.....
TOTAL COST, \$51,372

Bond, \$25,686. Surety, New England Casualty Co. Limit, Feb. 1, 1915. Forfeit, \$50. Plans and specifications filed.

(2220) VENTILATING AND HEATING system on above.
 Contractor...Mangrum & Otter, Inc., 561 Mission, San Francisco.
 Filed June 27, '14. Dated June 26, '14.
 Payments same as above.....
TOTAL COST, \$32,800

Bond, \$16,400. Surety, National Surety Co. Limit, Feb. 1, 1915. Forfeit, \$50. Plans and specifications filed.

(2221) ELECTRICAL WORK ON above.
 Contractor...Newberry-Bendheim Elec. Co., Humboldt Bank Bldg., San Francisco.

Filed June 27, '14. Dated June 24, '14.
 Payments same as above.....
TOTAL COST, \$16,550

Bond, \$3290. Surety, Southwestern Surety Insurance Co. Limit, Feb. 1, 1915. Forfeit, \$50. Plans and specifications filed.

(2222) FURRING AND LATHING ON above.
 Contractor...National Lathing & Furring Co., Monadnock Bldg., San Francisco.

Filed June 27, '14. Dated June 25, '14.
 Payments same as above.....
TOTAL COST, \$16,390

Bond, \$8195. Surety, New England Casualty Co. Limit, Oct. 1, 1914. Forfeit, \$50. Plans and specifications filed.

(2223) ELEVATORS ON ABOVE.
 Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.

Filed June 27, '14. Dated June 25, '14.
 Motors and guides in 50% of contract
 Completed and accepted, 25% of contract
 36 days after, 25% of contract.....
TOTAL COST, \$19,000

Bond, \$9500. Surety National Surety Co. Limit, Feb. 1, 1915. Forfeit, \$50. Plans and specifications filed.

INCORPORATIONS.

Contra Costa Gas Company. Capital Stock, \$250,000; shares at \$100 each, subscribed, \$500. Directors—S. W. Coleman, J. E. Rodgers, A. F. Gray, W. N. Jones, C. E. Daley, 1 share each. Place of business, San Francisco.

Automatic Electric Heating Co. Capital Stock, \$200,000; shares \$1.60 each; subscribed, \$500. Directors—John Ohman, O. C. Edberg, J. E. Seth, E. Uilberg, O. E. Evans, 1 share each. Place of business, San Francisco.

Prudential Land and Bonding Company. Capital Stock, \$300,000; shares at \$1.60 each; subscribed, \$500. Directors—F. E. Robinson, L. B. Edwards, J. D. Connell, T. A. Bell, A. L. Shannon, 100 shares each. Place of business, San Francisco.

Curt L. Goessel, Inc. Capital Stock, \$100,000; shares at \$1.00 each; subscribed, \$3. Directors—C. L. Goessel, L. Hildibrand, J. M. Politzer, 1 share each. Place of business, S. F.

Rodgers Peck Corporation. Capital Stock, \$250,000; subscribed, \$3; shares, \$1 each. Directors—M. Barsh, H. E. Barsh, W. N. S. Smith, 1 share each. Place of business, San Francisco.

Young Restaurant Co. Capital Stock, \$50,000; subscribed, \$300; shares, \$100 each. Directors—L. Mund, W. H. Stephens, W. H. Schmale, 1 share each. Place of business, San Francisco.

Arcadia Amusement Co. Capital Stock, \$50,000; 10,000 shares at \$5 each; subscribed \$75. Directors—M. A. Fisher, D. L. Fisher, Mannie L. Asher, 5 shares each. Place of business, S. F.

Sullivan Shearer Mfg. Co., Inc. Capital Stock, \$20,000; 20,000 shares at \$1 each; amount subscribed, \$30. Directors—L. M. Sullivan, W. H. Shearer, F. B. Sanders, 10 shares each. Place of business, San Francisco.

J. M. Jacobi & Company. Capital Stock, \$50,000; 5000 shares at \$10 each; amount subscribed, \$150. Directors—A.

Jacobi, A. Altmayer, H. Altmayer, 1 shares each. Place of business, S. F.

RELEASE OF BUILDING CONTRACT.

June 22, 1914—E STOCKTON 30 N. Filbert N 25 E 87-6 S 55 W 17 N 30 W 70-6. Pietro Lombardi and Oliver Riccardi with Antonio Lombardi.

NOTICES OF NON-RESPONSIBILITY.

June 26, 1914—LOT 32 BLK 25, Crocker-Amazon Tract. Crocker Estate Co. as to improvements on leased property
 June 26, 1914—LOT 2 BLK 21 Crocker-Amazon Tract. Crocker Estate Co. as to improvements on leased property
 Jun. 23, 1914—CLIFF HOUSE pt'n of Cliff House Stable and lands lying S of Cliff House. Estate Adolph Sutro as to improvements on leased property

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

June 12, 1914—E TWELFTH AVE 150 S Anza S 25x120. A T Morris to whom it may concern.....June 11, 1914
 June 19, 1914—E TWENTYFIFTH AVE 150 N Anza N 25x120. Margaret Hamill to Thos Hamill.....June 19, 1914
 June 19, 1914—NW MARKET 275 NE Marshall Square NW 67.97 E 160.297 SW 94.366. Katharine K Forbes to John E Beck.....June 19, 1914
 June 19, 1914—W STANYAN 393-6 2-5 S Parnassus Ave S 25xW 111-6; Lot 39 Meyers Garden. Wilford H and wife May C Williams to J D Bell.....June 19, 1914
 June 20, 1914—E EUREKA 30 S 21st S 30xW 72. Amelia E Pollard to L N Pollard.....June 18, 1914
 June 20, 1914—NE UNION & LAGUNA E 45xN 60. Annie S Kellogg to Marcus Marcussen.....June 12, 1914
 June 20, 1914—E BUENA VISTA Terrace (South Broderick) 76-3 N 14th N 25x E 86-3 ptn Lots 12, 13 and 14 Blk "C" Park Hill Hd. Paul A McCarthy to K H McKenzie & Co.....June 20, 1914
 June 22, 1914—E FIFTEENTH AVE 90 S Anza S 30x E 77. Leigh & Schultz to whom it may concern.....June 22, 1914
 June 22, 1914—LOT 18 BLK "N" Park Lane Tract. Geo C Todhunter to whom it may concern.....June 22, 1914
 June 22, 1914—LOT 19 BLK "N" Park Lane Tract. Geo C Todhunter to whom it may concern.....June 22, 1914
 June 22, 1914—E TWENTY-FOURTH Ave 200 S Anza S 25x E 120. Paul and Louisa Kraus, Diedrich and Matilda Schwartung to Alfred Johnson.....June 18, 1914
 June 22, 1914—LOTS 1, 2, AND 3 BLK 14, Sunnyside. Clifford S Allred to whom it may concern.....June 20, 1914
 June 22, 1914—W SIXTH 125 S Howard S 25x155. H and I Wolf to McGowan & Butler.....June 12, 1914
 June 22, 1914—OCEAN AVE NO. 1025. Michele Porrazzo to Salvatore Lima.....June 22, 1914
 June 23, 1914—NE FULTON and Parker Ave E 175xN 275. The President and Board of Trustees of Saint Ignatius College to Acme Hardwood Floor Co.....June 17, 1914
 June 23, 1914—S BEACH 90 W Twelfth S along a line parallel with

Steiner v. N. Lay & W. S. H. L.
Panama-Pacific International Ex-
position Co. to Wittman Lyman Co.
June 20, 1914
June 23, 1914—N BROADWAY 68-9
W Webster W 148-98N 275. James
I. Flood to Conlin & Roberts.
June 13, 1914
June 23, 1914—N BUSI adjoining E
Mills Bldg 68-9 on Bush. Ogden
Mills to Kudgegear Merle Co.
June 22, 1914
June 24, 1914—N TONQUIN 50 W
Broderick E 350 S 600 E 250 S 370
W 250 S 405 m or 1 W 350 N 430-27
N or 1 N 370 E 430-27 N 600. Pana-
ma-Pacific International Exposi-
tion Co. to Robert C. Storrie & Co.
June 20, 1914
June 24, 1914—E EIGHTEENTH AVE
50 S Anza S 50xE 95. William
Klute, C. H. Barker and P. J. Knight
to T. B. Mohler.
June 23, 1914
June 24, 1914—W TEXAS 150 N 20th
N 25. Albert Johnson to whom it
may concern.
June 17, 1914
June 24, 1914—E TENTH AVE 200 N
Geary 25x120. Laura M. Landers
to John Haner.
June 23, 1914
June 24, 1914—N CARMEL 100 W
Cole W 26-30N parallel with Cole
114-4 11-16. Andrew Lyon to whom
it may concern.
June 24, 1914
June 25, 1914—N PARIS 125 N Russia
N 25; No. 468 Paris. Michael J. and
wife Ellen Dillon to P. H. McKenna
June 8, 1914
June 25, 1914—GRANT AVE NOS.
1535 and 1537. Emil Hirsch and B.
Altmyer to S. Saari.
June 20, 1914
June 25, 1914—SW TWELFTH AND
Isis. A. Penzner to Johnson &
Hattland.
June 23, 1914
June 26, 1914—SW ANZA AND 23TH
Ave 25x70. Nicholas Antipa to
Sarraille & Lagomarsino.
June 23, 1914
June 26, 1914—E FIFTEENTH AVE
75 N California 25x103-6. O. E. An-
derson to whom it may concern.
June 25, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

June 13, 1914—S PAGE 140 E Fill-
more E 25xS 130. Schwarz & Got-
tlieb, Inc. \$330; Paraffine Paint Co.
\$105 vs F. H. Born and Wm. Hencke
June 19, 1914—S PAGE 140 E Fill-
more E 25xS 130. Empire Planing
Mills vs Wm. Hencke & F. H. Born
.....\$1052.30
June 19, 1914—W GARIBALDI (Vin-
cent) 57-6 S Union S 40xW 58-9.
Olson Mahony Lumber Co. vs Walter
H. and Nellie E. Eager, T. Loncono
and Latin Constr. Co.\$437.72
June 19, 1914—S PAGE 140 E Fill-
more E 25xS 130. J. W. Schouten Co.
vs Wm. Hencke & F. H. Born. \$1218.74
June 19, 1914—S PAGE 140 E Fill-
more E 25xS 130. San Francisco
Hardware Co. vs F. H. Born and W.
Hencke\$155.40
June 22, 1914—NE LYON AND
Sacramento E 112-6 E 25 N 137-6
W 25 S 137-6. F. L. Logan. \$157;
George D. Duncan, \$45 vs Mrs. C. V.
Bauis and W. H. Smith.
June 22, 1914—NW JULES AVE &
De Montford Ave W 100xN 100.
Gus Carlson vs Oswald Elliger. \$265
June 23, 1914—NE PERSIA AVE 25
NW Manich NW 25xNE 100. The
Greater City Lumber Co. vs William
Linklitter\$202.25
June 24, 1914—SE SUTTER & JONES
S 100 E 100 N 100 W 72. Pacific

Metrola Lumber Co. vs. Starr &
Larsen\$10,400.94
June 25, 1914—N SACRAMENTO 112-6
E Lyon E 25xN 127-84; No. 3128
Sacramento. Van Arsdale Harris
Lumber Co. vs W. H. Smith, C. V. and
husband Victor J. Bauis.\$248.14
June 25, 1914—E DE HARO 232-4
from SE De Haro and N 25th N 66-8
xE 100. Jacob Jung vs McEwen
Bros. and J. Levy.\$220
June 25, 1914—S PAGE 140 E Fill-
more E 25xS 130. James H. Horn,
Inc. (corpn) vs Frederick H. Barny
and William Hencke.\$126.23
June 26, 1914—N O'FARRELL 80 W
Devisadero W 195 N 137-6 E 150 S
25 E 25 S 25 E 20 S 87-6. Payne's
Bolt Works vs The Young & Swain
Baking Co. and Burch. Hoffman &
Co.\$57.39
June 26, 1914—LOT 1 BLK 25, Crock-
er Amazon Tract. Hooper Lumber
Co. vs John F. Haner.\$50.40
June 26, 1914—NW JULES AND DE
Montford Aves W 100xN 100. J. J.
Dowling & Co. vs Oswald Elliger
.....\$128.30

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
frame. \$3,200. Oakland, Cal. Archi-
tect, A. Howard Peterson, Blake Bldg.,
Oakland. Owner, John J. Sjöberg. The
dwelling has been designed for a seven-
room house with bath, and will be
erected on Hampel street. Interior will
be finished in pine and hardwood veneer.
Hardwood floors will be used in
the living room, dining room and re-
ception hall. There will be furnace
heat and open fire places. Mantels will
be of tile. Exterior of the house will
be covered with cement plaster on
metal lath. Plans are complete and fig-
ures are being taken.

RESIDENCE — 2 story and base,
frame. \$3,000. Berkeley, Alameda Co.,
Cal. Architect, none. Owner, H. E.
Hanson, 1734 University avenue, Berke-
ley. The house has been designed
for a seven-room dwelling and will be
erected on Derby street west of Dana.
Interior finish will be of pine and red-
wood. Hardwood floors will be used
in the principal rooms. There will be
furnace heat and open fire places.
Mantels will be of tile. Bath room will
have tile wainscot and composition
floor. Exterior of the house will be
covered with rustic and shingles. Plans
are in the hands of the owner and
work will be done by Day Labor.

RESIDENCE — 2 story and base,
frame. \$1,000. Oakland, Cal. Archi-
tects, Elite Planners, 1844 5th avenue,
Oakland. Owner, James Baughan. The
dwelling will be erected in Adams
Point, and will contain seven rooms,
bath and sleeping porch. Interior fin-
ish will be of pine with some elm
panels. Hardwood floors will be used
throughout. There will be furnace
heat and open fire places. Mantels will
be of tile. Bath room will have tile
wainscot and composition floor. Ex-
terior of the house will be covered
with cement plaster on metal lath.
Plans are being prepared and when
complete the work will be done by
Day Labor.

RESIDENCE — 2 story and base,
frame. Cost not stated. Oakland, Cal.
Architect, Chester H. Miller, Dalziel
Bldg., Oakland. Owner, Jessie A. Ber-
ger. The dwelling has been designed
for a seven-room house with bath and

sleeping porch, and will be erected on
21st street near 5th avenue. Interior
finish will be of pine throughout.
Hardwood floors will be used in the
principal rooms. Plans provide for
furnace heat and open fire places. Man-
tels will be of tile. Bath room will
have tile wainscot and composition
floor. An automatic water heater will
be installed. Exterior of the house
will be covered with cement plaster on
metal lath. Plans are complete and
figures are being taken.

RESIDENCE — 2 story and base,
frame. Cost not stated. Berkeley,
Alameda Co., Cal. Architect, Sidney B.
Newsom, Nevada Bank Bldg., S. F.
Owner, E. B. Davis. The dwelling will
be erected at the southeast corner of
Brookside and Claremont avenues, and
will cover a large ground area. A ga-
rage will also be erected on the prop-
erty. Interior of the house will be
finished in pine and hardwoods with
hardwood floors in the principal rooms.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. Bath rooms will be finished in
tile. Automatic water heaters will be
installed. Exterior of the dwelling
and garage will be covered with ce-
ment plaster on metal lath. Revisions
have been completed and plans are
now out for figures for the second
time.

RESIDENCE — 2 story and base,
frame. \$4,500. Oakland, Cal. Archi-
tect, H. Schultze, 512 East 17th street,
Oakland. Owner, Dr. W. W. Shannon.
The dwelling will be erected on Lake
Shore Drive and has been designed to
contain seven rooms and bath. Interi-
or finish will be largely of pine with
some hardwood veneer. Hardwood
floors will be used in the principal
rooms. There will be furnace heat
and open fire places. Mantels will be
of tile. An automatic water heater
will be installed. Bath room will have
tile wainscot and composition floor.
Exterior of the house will be covered
with cement plaster on metal lath.
Plans are complete and figures are be-
ing taken.

RESIDENCE — 2 story and base,
frame. Cost not stated. Oakland, Cal.
Architect, John Hudson Thomas, First
National Bank Bldg., Berkeley. Own-
er, H. E. Jackson. The dwelling will
be erected in Crocker Highlands and
has been designed to contain seven
rooms, bath and sleeping porch. Interi-
or will be finished in pine through-
out. Hardwood floors will be used in
the principal rooms. There will be
furnace heat and open fire places.
Mantels will be of tile. Bath room will
have tile wainscot. An automatic
water heater will be installed. Ex-
terior of the house will be covered
with cement plaster on metal lath.
Plans are now being prepared.

RESIDENCE — 2 story and base,
frame. Cost not stated. Berkeley,
Alameda Co., Cal. Architect, John
Hudson Thomas, First National Bank
Bldg., Berkeley. Owner, E. L. Brock.
The dwelling has been designed for a
seven-room house with bath and sleep-
ing porch, and will be erected in Berke-
ley Highlands. Interior will be
finished in pine and hardwoods. Hard-
wood floors will be used in the living
room, dining room and reception hall.
Plans provide for furnace heat and
open fire places. Mantels will be of
tile or brick. Bath room will have
tile wainscot and composition floor.
An automatic water heater will be in-
stalled. Exterior of the house will be

covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. T. Preble. The dwelling will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the parlor and rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Working drawing, 200 nearly complete and figures will be called for shortly.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, Henry Holst. The building will be erected on Orchard street at the corner of Brook, and has been designed to contain four suites of four rooms and bath each. Pine will be used for interior finish. Some oak floors will be specified. There will be open fire places. Mantels will be of tile. Wall beds are specified. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$15,000. Oakland, Cal. Architects, Rhodes & Marisch, 3372 16th street, S. F. The building will be erected in East Oakland, and has been designed to contain fifteen apartments. Interiors will be finished in pine throughout. There will be a central heating system and a hot water supply. All suites will have private bath rooms and wall beds. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BAKERY PLANT—2 and 3 story and base, Class A construction. Cost not stated. Oakland, Cal. Architects, Rizzetti & Headman, Phelan Bldg., S. F. Owners, California Baking Co., Inc. This company has secured a large tract in Oakland and have had preliminary plans prepared for a class A plant, which will cover a large ground area. Construction will be either of brick and steel or reinforced concrete. Plans provide for a general office building and the plant. The most modern sanitary appliances will be installed. Exterior will probably be faced with cement plaster. Mr. Loesch, representing the owners, is now in the east, and details of construction will not be made public until his return.

FLATS—Alteration, frame construction, \$2,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The present building located on East 14th near 5th avenue will undergo extensive alterations. The work will require new plastering, painting, plumbing, electric work and interior finish. Plans are complete and the work will be done by Day Labor.

THEATRE AND STORE—2 story and base, Class A construction, \$70,000. Oakland, Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Bish op Co. The building will be erected at the northwest corner of 11th and Harrison streets and will be fireproof

throughout. Plans have been revised and figures are again being taken. Exterior will be faced with cement plaster.

STORES—1 story, frame, \$10,000. Oakland, Cal. Architect, Milton Liechtenstein, 111 Ellis street, S. F. Owner, Jessie Steinhart. The building will be erected at the southwest corner of 21st and Broadway, and has been designed to contain six stores. Interiors will be finished in pine. There will be patent store fronts. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Building Contracts Awarded.
Oakland.

No.	Owner	Contractor	Amt.
1578	Norton	Haynes	5000
1579	Philpott	Garfield	1300
1580	Carleton	Carleton	1800
1581	Polstada	Polstada	500
1582	Klepping	Klepping	4
1586	Pfarrang	Pfarrang	2500
1587	Same	Same	2500
1588	Peters	Hambleton	2950
1589	Button	Button	2500
1591	Friedman	McGuigan	1166
1592	Dondero	Dondero	500
1593	Brunje	Mickelsen	4617
1594	Sandidge	Sandidge	1800
1595	Bertilson	Schnebley	1351
1596	Amner	Yerrick	1575
1599	Pac G & E Co.	Owner	4500
1602	Craig	Craig	400
1603	Dras	Dras	1000
1604	Young	Young	1600
1605	Peck	Montgomery	1915
1606	De Vencenzi	Brown	1600
1607	Hanson	Broman	2500
1608	Mantino	Perona	4998
1612	Hall	Patrick	3666
1613	Kaiser	McCreary	400
1614	Bolts	Bolts	2000
1615	Burman	Peterson	4000
1616	Latham	Boyd	1300
1619	Bushell	Fagan	400
1620	Kennedy	McWilliams	3900
1621	Pac G & E	Duncanson	384
1622	Dean	Hollenbeck	1800
1623	Same	Same	1800
1624	Kennedy	Dalton	2500
1625	Record	Fabing	1850
1626	Fagan	Lewis	600

(1578) SW CARLTON AND BROADWAY Terrace, Oakland. Two-story 8-room dwelling.
Owner.....Jessie B. Norton.
Architect.....W. W. Dixon, 1844 5th Ave., Oakland.
Contractor.....W. A. Haynes.
COST, \$5000

(1579) NO. 2521 E-TWENTY-FOURTH Oakland. Alter dwelling into flats.
Owner.....J. P. Philpott, Richmond.
Architect.....None.
Contractor, Chas. Garfield, 2130 25th Ave., Oakland.
COST, \$1300

(1580) N LOCKWOOD AVE 270 W 73rd Ave., Oakland. One-story 5-room dwelling.
Owner.....S. Carleton, 2023 69th Ave., Oakland.
Architect.....None.
Day's work.....COST, \$1800

Day's work.....COST, \$400
(1581) SE THIRTY-FOURTH AVE & E-18th, Oakland. Alterations and additions.
Owner.....Geo. Polstada, Premises.
Architect.....None.
Day's work.....COST, \$500

(1582) NO. 522 SIXTH-THIRD, Oakland. Alterations.
Owner.....Wendel Klepping 451 25th Oakland
Architect.....None.

(1586) E 72nd 60 S 56th, Oakland. One-story 5-room dwelling.
Owner.....H. C. Pfarrang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work.....COST, \$2500

(1587) W DOVER 60 S 56th, Oakland. One-story 5-room dwelling.
Owner.....H. C. Pfarrang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work.....COST, \$2500

(1588) N ATHOL AVE 120 E Hadden Road, Oakland. One and one-half-story 6-room dwelling.
Owner.....Mrs. Peters, Elm & 35th, Oakland.
Architect.....None.
Contractor.....Fred Hambleton, 375 43rd, Oakland.
COST, \$2950

(1589) E HILLEGASS AVE 112 N 62nd, Oakland. Two-story 6-room dwlg.
Owner.....I. W. Button, 347 63rd, Okd.
Architect.....None.
Day's work.....COST, \$2500

(1591) SIXTEENTH AND CLAY, Oakland. Concrete work, granite curb, side walk lights, etc., for seven-story Class "C" hotel.
Owner.....M. Friedman Realty Co.
Architect.....Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor.....Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Sub-Contractor, John McGuigan & Co., 142 Silver, San Francisco.
Filed June 23, '14. Dated May 8, '14.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1166
Bond, \$583. Surety, Globe Indemnity Co. Limit, forfeit, plans and specifications, none.

(1592) (1) NE FIFTY-NINTH AND Genoa; (2) E Genoa 72 N 59th, Oakland. All work for one one and one-half-story five-room dwelling and 1 one-story 5-room dwelling.
Owner.....Charles Dondero, 5930 Genoa, Oakland.
Architect.....None.
Contractor.....Henry Abnefeld, 3005 King, Berkeley.
Filed June 23, '14. Dated June —, —
Frames up..... 1/4
Brown coated..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5050
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1593) LOT 162 Wickham Havens Inc. Map Piedmont-by-the-Lake, Oakland. Two-story and basement seven-room dwelling.
Owner.....John A. Brunje, 2283 Broadway, Oakland.
Architect.....Hutchinson Bros., 470 13th, Oakland.
Contractor.....Irving C. Mickelsen, 444 Moss Ave., Oakland.
Filed June 23, '14. Dated June 20, '14.
Frame up and roof boards on... 1/4
Enclosed and plastered..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$4617
Bond, \$2300. Surety, Pacific Coast Casualty Co. Limit, 80 days. Forfeit, \$1. Plans and specifications filed.


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(1594) N FORTY-FOURTH 250 W
West, Oakland. One-story 5-room
dwelling.
Owner.....C. C. Sandidge, 830 44th,
Oakland.
Architect...None.
Day's work. COST, \$1800

(1595) NO. 1321 BROADWAY, Oak-
land. Alterations.
Owner.....Bertillon Hat Store, Prem.
Architect...None
Contractor...Schneely, Hostrawser &
Pedgrift, 6th and Jackson,
Oakland.
COST, \$1351.25

(1596) N THIRTY-SIXTH 117 E Mar-
ket, Oakland. One-story 5-room
dwelling.
Owner.....W. B. Amner, 3538 Market,
Oakland.
Architect...None.
Contractor...A. J. Yerrick, Blake Bldg.,
Oakland.
COST, \$1375

(1599) FIRST AND MARKET, Oak-
land. Concrete foundations.
Owner.....Pacific Gas & Electric Co.,

13th and Clay, Oakland.
Architect...None.
Day's work. COST, \$4500

(1602) SE HARWOOD AND ROSS,
land, Garage.
Owner.....Geo. W. Craig, 6052 Ross,
Oakland.
Architect...None.
Day's work. COST, \$400

(1603) NW KANSAS AND MAGEE,
Oakland. One and one-half-story 4-
room dwelling.
Owner.....Amos S. Draa, 37-45 Magee,
Oakland.
Architect...None.
Day's work. COST, \$1000

(1604) W DOYER 100 S 59th, Oakland.
One-story 5-room dwelling.
Owner.....W. S. Young, 533 63rd, Okd.
Architect...None.
Day's work. COST, \$1600.

(1605) NE SPRUCE & MCKINLEY,
Oakland. Two-story private garage.
Owner.....J. F. Peck, 652 Spruce, Okd.
Architect...None.

Contractor...W. S. Montgomery, 2321
Ward, Berkeley.
COST, \$1915

(1606) N MONTE VISTA 800 E Pied-
mont Ave., Oakland. One-story 5-
room dwelling.
Owner.....P. De Vencenzi, 28 Monte
Vista, Oakland.
Architect...None.
Contractor...Brown & Thuesen, 47
Glenn Ave., Oakland.
COST, \$1600

(1607) E COLE 140 N Trask, Oakland.
One-story 5-room dwelling.
Owner.....Hanson & Broman, 423
30th Ave., San Francisco.
Architect...None.
Day's work. COST, \$2500

(1608) SW 100TH AVE AND LONG-
fellow, Oakland. Two-story 10-room
dwelling.
Owner.....Pietro Mantino, Quarry
Boarding House, Oakland.
Architect...None.
Contractor...John Perona, 674 19th,
Oakland.
COST, \$1998

(1612) LOT 40 ARDSLEY HEIGHTS,
Oakland. All work for two-story 6-
room dwelling.
Owner.....Benjamin Hall, Martinez.
Architect...None.
Contractor...Patrick-Nelson Bldg., Co.,
2011 Shattuck Ave., Bkly.
Filed June 25, '14. Dated June 15, '14.
Frame up\$916.50
Iron work coated 916.50
Completed 916.50
Usual 35 days..... 917.00
TOTAL COST, \$3666.50
Bond, none. Limit, 90 days. Forfeit.
\$1 a day. Plans and specifications filed.

(1613) N HOPKINS 25 W Fruitvale
Ave., Oakland. Alterations.
Owner.....H. A. Kaiser, Premises.
Architect...None.
Contractor...McCreary & Sampson, 6506
Wheeler, Oakland.
COST, \$100

(1614) L VICKSBURG AVE 45 S
Ygnacio, Oakland. One-story 5-room
dwelling.
Owner.....M. C. Bolts, 2116 Central
Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(1615) N MANDANA BLVD. 531 E
Paloma, Oakland. Two-story seven-
room dwelling.
Owner.....Chas. H. Burman, 2418
Broadway, Oakland.
Architect...Frederick Soderberg, Union
Bank of Svgs Bldg., Okd.
Contractor...Alfred Peterson, 1201 19th,
Oakland. COST, \$4000

(1616) N DURANT 30 W Telegraph
Ave., Alterations and additions.
Owner.....Lydia K. Latham, S. F.
Architect...None.
Contractor...Boyd, Kerr & McLean, 110
Jessie, San Francisco.
COST, \$1300

(1619) NW TWELFTH & MADISON
Oakland. Repairs.
Owner.....E. Bushell, 109 Moss Ave.,
Oakland
Architect...None.
Contractor...J. J. Fagan, 1439 Irvin,
Berkeley. COST, \$190

(1620) NE EL CENTRO AND SAN Sebastian, Oakland. Two-story 8-room dwelling.
Owner.....K. C. Kennedy, 963 514 Oakland.
Architect...W. W. Dixon, 1844 5th Ave. Oakland.
Contractor...R. A. McWilliams, 5815 Ayala Ave., Oakland.
COST, \$3300

(1621) W CASTRO (if extended S) 80 S First W 456.03 S 300, Oakland. Reinforced concrete and pile foundation for Jones Oil Gas Generator.
Owner.....Pacific Gas & Electric Co., 12th and Clay, Oakland.
Architect...None.
Contractor...Duncanson-Harrelson Co., Chronicle Bldg., S. F.
Filed June 26, '14. Dated June 23, '14.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, \$3845

Bond, \$1925. Surety, Massachusetts Bonding & Insurance Co. Limit, 21 days. Forfeited, none. Plans and specifications filed.

(1622) SW FIFTY-FOURTH AVE AND Wadean Place, Oakland. One-story 5-room dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.
COST, \$2,900

(1623) S WADEAN PLACE 440 E 5th Ave., Oakland. One-story 5-room dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.
COST, \$1800

(1624) E BROADWAY 195 N Napa, Oakland. One-story 6-room dwlg.
Owner.....Gertrude Kennedy, Pacific Grove, Cal.
Architect...Alvin J. Stern, 1542 Broadway, Oakland.
Contractor...Chambers & Dalton, 1342 Broadway, Oakland.
COST, \$2500

(1625) S HOPKINS 180 W 13th Ave., Oakland. One-story 5-room dwlg.
Owner.....Thillie A. Record, 3515 13th Ave., Oakland.
Architect...None.
Contractor...F. N. Fabing, 1251 Hopkins Oakland.
COST, \$1850

(1626) S NORWAY 150 W 57th Ave., Oakland. One-story 3-room dwlg.
Owner.....Mrs. Fagan, 1919 57th Ave., Oakland.
Architect...None.
Contractor...G. H. Lewis, 4008 Quigley, Oakland.
COST, \$600

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1583	Litch	Etter	12000
1585	Berkeley	Biddle	3140
1590	Smith	Anderson	2850
1597	Brinstad	Allen	600
1598	Same	Same	400
1600	Kerr	Wilson	2300
1601	Heaton	Broad	400
1609	Shields	Shields	1000
1610	Hanson	Hanson	3000
1611	Sanderson	Whallin	6000
1617	Ilmann	Ilmann	1200
1618	De Kay	De Kay	2000

(1583) W COLLEGE AVE 57 S Ashby, Berkeley. One-story Class "C" moving picture theatre.
Owner.....Caroline Litch, Emma Klump & Elizabeth Ritter, 911 Divisadero, S. F.
Designer...Wm Dufour, 2326 Santa Clara Ave., Alameda.
Contractor...D. M. Etter.
COST, \$12,000

(1585) DURANT & SHATTUCK AVE., Berkeley. Lathing, plain and ornamental plastering and cementing for two-story firehouse (Firehouse No. 2).
Owner.....City of Berkeley.
Architect...W. H. Ratcliff, Jr., 1st National Bank Bldg., Bkly.
Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Sub-Contractor...W. J. Biddle, Bkly.
Filed June 22, '14. Dated May 15, '14.
1st and 15th day of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$3140

Bond, \$1570. Surety, American Surety Co. Limit, forfeited, plans and specifications, none.

(1590) E DOHR 50 S Ward, Berkeley. One and one-half-story 7-room dwlg.
Owner.....Mr. and Mrs. A. Smith, 2437 California, San Francisco.
Architect...None.
Contractor...L. W. Anderson, 1225 Russell, Berkeley.
COST, \$281

(1597) W EUCALYPTUS 250 S Hillcrest, Berkeley. One-story reinforced concrete garage.
Owner.....C. W. Brinstad, 15 Eucalyptus, Berkeley.
Architect...None.
Contractor...J. A. Wilson, 2839 Ellsworth, Berkeley.
COST, \$600

(1598) W EUCALYPTUS 250-S Hillcrest, Berkeley. Alterations.
Owner.....C. W. Brinstad, 15 Eucalyptus, Berkeley.
Architect...None.
Contractor...J. A. Wilson, 2839 Ellsworth, Berkeley.
COST, \$400

(1600) E PROSPECT 200 N Dwight Way, Berkeley. One-story 3-room dwelling.
Owner.....M. E. Kerr, 2428 Hillside Ave., Berkeley.
Architect...Henry H. Gutterston, 50 Post, San Francisco.
Contractor...F. E. Allen, 468 34th, Okd.
COST, \$2400

(1601) SW HASTE AND COLLEGE AVE., Berkeley. Alterations.
Owner.....T. L. Heaton, 123 Carl, S. F.
Architect...None.
Contractor...A. H. Broad, 2117 Kittredge, Berkeley.
COST, \$400

(1609) S DWIGHT WAY 170 W California, Berkeley. Alterations and additions.
Owner.....Wm. F. Shields, 1534 Dwight Way, Berkeley.
Architect...None.
Day's work.....
COST, \$1000

(1610) S DIERBY 250 W Dana, Berkeley. Two-story 10-room dwelling.
Owner.....M. E. Hanson, 1731 University Ave., Berkeley.
Architect...None.
Day's work.....
COST, \$3000

(1611) W CHAPEL 250 N Baureroff Way, Berkeley. Alteration and additions; 18-room addition to three-story frame sanitarium.
Owner.....A. J. Sanderson, 2222 Chapel, Berkeley.
Architect...None.
Contractor...E. W. Whallin, Bacon Bldg., Oakland.
COST, \$6000

(1617) S CHAUCER 170 E San Pablo Ave., Berkeley. One and one-half-story 5-room dwelling.
Owner.....A. Ilmann, 2321 10th, Bkly.
Architect...None.
Day's work.....
COST, \$1200

(1618) SW OXFORD & CEDAR, Berkeley. Two-story 6-room dwelling.
Owner.....Geo. H. De Kay, 2027 Delaware, Berkeley.
Architect...None.
Day's work.....
COST, \$2000

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1573	Prata	Uccello	550
1574	Ramsey	Burton	850
1575	Jones	Elvin	450
1576	Muffe	Ryan	1000
1577	Strang	Strang	2000
1584	Eagles	Delaney	1000

(1573) BAY FARM ISLAND, Alameda. One-story 4-room dwelling.
Owner.....G. Prata, Premises.
Architect...None.
Contractor...D. Uccello, 523 32nd St., Oakland.
COST, \$550

(1574) NO. 908 LAFAYETTE, Alameda. Alterations.
Owner.....A. M. Ramsey, Premises.
Architect...None.
Contractor...Chas Burton, 993 Park, Alameda.
COST, \$850

(1575) NO. 1407 ST. CHARLES, Alameda. One-story dwelling.
Owner.....L. F. Jones, 1101 St. Charles, Alameda.
Architect...None.
Contractor...F. Elvin, 1415 6th, Alameda.
COST, \$150

(1576) NO. 1327 EIGHTH, Alameda. One-story 3-room dwelling.
Owner.....Mrs. M. Muffe, Premises.
Architect...None.
Contractor...R. F. Ryan, 303 Church, San Francisco.
COST, \$1000

(1577) NO. 3223 FAIR VIEW AVE., Alameda. One-story 5-room dwlg.
Owner.....E. N. Strang, 1334 Eighth, Alameda.
Architect...None.
Day's work.....
COST, \$2000

(1584) N ALAMEDA AVE 50 E Oak E 50xN 150, Alameda. All work for building except paints and painting (as recorded).
Owner.....Eagles Hall Ass'n. of Alameda, Alameda.
Designer...Wm. Dufour, 2326 Santa Clara Ave., Alameda.
Contractor...Delaney & Randlett, 2303 Central Ave., Alameda.
Filed June 22, '14. Dated June 18, '14.

Frame up	1/4
Plastered inside	4
Completed	4
Usual 35 days.....	1/4

TOTAL COST, \$11,000
Bond, none. Limit, 120 days. Forfeit,
plans and specifications, none.

COMPLETION NOTICES.

ALAMEDA COUNTY.

June 20, 1914—LOT 21 BLK "G" Map
Mastick Park, Alameda, Mark T.
Cole to whom it may concern....
June 20, 1914—LOT 4 BLK "I" Map
Mastick Park, Ala. Mark T. Cole
to whom it may concern, June 19, 1914
June 20, 1914—LOT 3 BLK "D" Map
Waterside Terrace, Ala. Mark T.
Cole to whom it may concern....
June 20, 1914—June 19, 1914
June 20, 1914—LOT 5 BLK 29 Map
Melrose Heights, Okd. E. A. C. Postel
to Wm Le Baron.... June 17, 1914
June 20, 1914—E. BYRON LOT 30 Blk
"I" Bryant Tract, Bkly. W. L.
Broderick to whom it may con-
cern.... June 15, 1914
June 20, 1914—SE FOURTEENTH AV.
73 1/2 NE E-24th SE 100 to pt beg SW
64 SE 96, Okd. Eugene A. Schmidt
to whom it may concern, June 20, '14
June 22, 1914—NO. 5530 CARLTON nr
Broadway Terrace, 50x100, Okd. E.
F. Joyce-Fischer to whom it may
concern.... June 20, 1914
June 22, 1914—LOT 1 BLK 1 Solano
Ave Terrace, Albany. L. and Mar-
garet Viscarra to Malick & Begler
..... June 22, 1914
June 23, 1914—LOT 1 BOYD PLACE,
facing Claremont Ave., Berkeley.
Margaret Hauser to Ernsberger &
Dildine.... June 20, 1914
June 23, 1914—NW FOURTH AVE 50
SW E-9th SW 37-6XNW 75, Okd.
Stephen Swoboda to Standard Bldg
Co.... June 22, 1914
June 24, 1914—N. CENTRAL AVE
100 SE Caroline SE 30xSW 125, Ala.
Alfred C. Lee vs Western Central
Corporation & Wm H. Hickey, \$61.75
June 25, 1914—E. COLLEGE AVE
375.895 N. Lawton Ave N 43.865 E
86.45 S 40 W 102.45. Maidee B. and
Chas. L. Gifford to whom it may
concern.... June 1, 1914
June 25, 1914—N. ELEVENTH 189-8 1/2
E Jackson E 50xN 100, Oakland.
Danish American Hall Ass'n to J. C.
Nielsen.... June 20, 1914
June 25, 1914—NE LINDA AVE 230.96
NW Echo Ave NW 46xNE 200, Okd.
J. B. Russell to whom it may con-
cern.... June 13, 1914
June 25, 1914—LOT 3 BLK 56, Niles.
J. A. and Annie M. Silva to F. C.
Griffin & Sons.... June 17, 1914
June 25, 1914—LOT 58 Map Resub-
division Peralta Park, Bkly. W. R.
Morrow and Oscar Langkusch
(Morrow & Langkusch) vs E. B.
and Alberta Fontaine and C. M. Blabon
..... \$168
June 25, 1914—LOT 26 Amended Map
Alta Piedmont Tract, Okd. de
Freyer-Cadman Materials Co. vs
M. Bullock and John Heafy. \$162.50
June 25, 1914—LOT 3 BLK 56, Niles.
E. M. Nichols (Niles Lumber & Mill-
ing Co) vs J. A. and Annie M. Silva
..... \$68.85
June 26, 1914—SIXTY-SEVENTH AV
1 1/2 blocks fm E-14th, Havenscourt
35x100, Okd. P. Jensen to H. Kaler
..... June 26, 1914
June 26, 1914—LOT 133 Map Wood-
lawn Park, Okd. John E. Murphy
to whom it may concern, June 25, '14
June 26, 1914—LOT 58 Map Resub-
division Peralta Park, Bkly. Spott
Bros vs E. B. and A. Fontaine and C.
M. Blabon \$42.10

LIENS FILED.

ALAMEDA COUNTY.

June 20, 1914—W TELEGRAPH AVE
80 N. Ashby Ave N 55xW 100, Bkly.
W. P. Fuller & Co vs S. A. Sellers
and James Cruickshank \$284
June 20, 1914—LOT 58 Map Resub-
division Peralta Park, Bkly. P.
Madge vs E. B. and Alberta Fontaine,
Viola E. Studer and C. M. Blabon....
..... \$14.50
June 22, 1914—SE SHAFTER AVE
126.50 NE College Ave NE 50 SE
131.01 SW 80 NW 130.78, Okd. Sun-
set Lumber Co vs Berkeley Bank of
Savings & Trust Co, Harold Eber-
hart, H. E. Chandler, E. H. Simons,
Newell Wilson, E. F. Hall, Trustees
for Olivet Congregational Church
and Geo. A. Gordon..... \$1734.33
June 22, 1914—LOT 58 Map Resub-
division Peralta Park, Bkly. Califor-
nia Door Co vs C. M. Blabon, E. B.
and Alberta Fontaine..... \$174.60
June 23, 1914—LOT 58 Map Resub-
division Peralta Park, Bkly. Chas. A.
Rudolph (Rudolph Mercantile Co)
vs W. H. Little, C. M. Blabon Co, E. B.
and Alberta Fontaine..... \$11
June 23, 1914—LOT 58 Resubdivision
Peralta Park, Bkly. E. M. McGowan
vs E. B. and Alberta Fontaine, Viola
E. Studer, C. M. Blabon, John and
Richard Doe, Jane Short and Black
White & Co..... \$40

ABANDONMENT OF HOMESTEAD.

June 23, 1914—SE EIGHTY-FOURTH
Ave 80 SW Orchard (now Holly)
SW 200 SE 132.50, Okd. Mary Alice
and Chas. A. Clark....
June 22, 1914—LOTS 1 AND 2 AND N
10 feet Lot 3 Blk 16, Shafter Tract.
Okd. F. C. and M. L. Nelson (wife)

NOTICES OF NON-RESPONSIBILITY.

June 25, 1914—PTN PLOT NO. 84 Map
Rancho V and D. Peralta, Bkly.
Alameda County Home Bldrs as to
improvements on leased property.
June 26, 1914—SW FOURTEENTH &
Broadway S 200xW 100, Okd. Ma-
tilda Brown, Annie Moller and
Lillian D. Powers as to improve-
ments on leased property.....

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOSPITAL—Chambers Cottage, 1
story, frame and plaster, \$12,000, Napa.
Napa Co., Cal. Architect, State Archi-
tect George B. McDougall, Sacramento.
Owners, State of California. Plans
have been completed for a chambers
cottage at the Napa State Hospital. The
sum of \$12,000 is available for con-
struction. Bids are now being taken
and will be opened by the State Board
of Control in two weeks.

SCHOOLS—3, portable. Cost not
stated, Richmond, Contra Costa Co.,
Cal. Architects, none. Owners, City of
Richmond. Bids will be opened on July
7th by the Board of Education for fur-
nishing three portable school buildings
and for painting the Nystrom school.
Full particulars can be secured from
the Clerk of the Board of Education at
Richmond.

STORES AND OFFICES—3 story and
base, brick and steel, \$25,000, Rich-
mond, Contra Costa Co., Cal. Archi-
tect's name not given. Owner, Dr.

Warren B. Brown. The building will
be erected at 618 Macdonald avenue,
and will contain stores, a printing of-
fice and offices. Interior finish will be
of pine throughout. There will be a
central heating plant and patent store
fronts. Exterior of the building will
be faced with pressed brick. Plans
will shortly be ready for figures.

BUILDING CONTRACTS.

MARIN COUNTY.

BUSH TRACT, San Anselmo, Marin Co.
All work for six-room dwelling.
Owner..... Charles L. Schmitt, 4214
24th, San Francisco.
Architect... Maxwell G. Bugbee, Lick
Bldg., San Francisco.
Contractor, Wallace, Lanpher & John-
ston, San Anselmo, Cal.
Filed June 23, '14. Dated June 18, '14.
Frame up \$350
Brown coated 350
Building completed... 350
Usual 35 days..... 350
TOTAL COST, \$1400
Bond, none. Limit, 35 working days.
Forfeit, none. Plans and specifications
filed.

CORINTHIAN ISLAND, Tiburon, Marin
Co. All work required to finish two-
story frame residence.
Owner..... Joseph Gleissner et al.
Architect... T. M. Herrington.
Contractor, T. M. Herrington.
Filed June 25, '14. Dated June 16, '14.
Frame up \$400
Building completed 400
When completed 400
Usual 35 days..... 400
TOTAL COST, \$1600

Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications
none.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

BEING A PORTION OF LOTS 1, 2, 3
Blk 6, Nicholl Subd'n, Richmond. Ex-
cavation, concrete work, iron and
brick work, chimney, artificial stone
work, carpentry, joinery, plumbing,
painting, tinting, varnishing, lath-
ing and plastering, electrical, hard-
ware, sheet metal work and glazing
for two-story frame flat building
with concrete foundation.
Owner..... L. H. & Sophie A. Transue,
Richmond.
Supt. L. H. Transue.

Contractor, Edw. F. Rolff, Richmond.
Filed June 20, '14. Dated June 18, '14.
Concrete work for foundation
completed and frame work
erected \$1300
Enclosed and plastered..... 1300
Notice of completion filed..... 1300
Usual 35 days..... Balance
TOTAL COST, \$5200
Bond, \$2700. Sureties, Frank S. Soito
and J. R. Nesbitt. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

RELEASE OF LIENS.

MARIN COUNTY.

RECORDED AMOUNT
June 22, 1914—PEARL TRACT, Ross
Valley. Inland Floor Co. \$14.60.
White Bros in corp. \$33.13; John
Nelson, \$122 to G. Sandberg et al..
June 22, 1914—PEARL TRACT, Ross

alley. H M Kuhn, \$169.75; E K Food Lumber Co, \$652.62; Geo W Cox, \$38.50 to G P Lauringer et al June 22, 1914—PEARL TRACT, Ross alley. J Blomberg to G Sandberg and Fred'k Lass, \$66.25

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
June 22, 1914—LOT 5 BLK 7, Terminal Tract, Richmond. Hoyt & Greene, Inc to C D Knolly, June 12, 1914

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCES—1 and 2 story, frame, not stated. San Jose, Santa Clara Cal. Architect, none. The following Labor jobs are reported as not to be started in San Jose: E. Wells, 445 North 17th street, six-room residence, \$2,000; Kelley Bros., Grant street, six-room dwelling, \$25; C. C. Lewis, 447 South 15th et, six-room dwelling, \$2,925, and W. Wright, 475 North San Pedro et, three-room cottage, \$750.

RIDGE—Steel and concrete. Cost not stated. Santa Clara and San Benito Counties. Associated County Surveyors of Santa Clara and San Benito Counties. Owners, Santa Clara and San Benito Counties. Plans complete for a steel and reinforced concrete highway bridge to be erected over Pacheco Creek on the Hollister. 1. Bids are now being taken and will be opened on July 20th. Plans and specifications can be secured upon application to either of the County Surveyors.

HIGHWAY BRIDGE—Reinforced concrete and steel. Cost not stated. San Gregorio, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans are complete and figures are now being called for on the construction of a steel and reinforced concrete bridge over the San Gregorio Creek in San Mateo County. Bids will be opened by the Board of Supervisors on July 20th. Plans and specifications can be secured from the County Surveyor.

DGE HALL—4 or 5 story and Class A construction, \$100,000. San Jose, Santa Clara Co., Cal. Architect, Louis Lenzen, 110 South 2nd st, San Jose. Owners, Native Sons of the Golden West. Funds have been raised for the construction of a model lodge building, which will be erected on North First street south of Santa Clara, covering a considerable ground. Construction will be fireproof throughout. There will be stores on first floor, lodge rooms, offices of organization, banquet hall, library and social rooms on the upper floors. Prior will be finished in pine and wood veneer with maple floors in dance room. Plans provide for steam heat, elevator service, metal roof sash and frames. Exterior will be faced with artificial stone, red brick and terra cotta. Preliminary plans have been prepared.

SCHOOL DORMITORY—2 story and frame and plaster, \$60,000. Watville, Santa Cruz Co., Cal. Architect, J. W. Dolliver, Royal Insurance Co., S. F. Owners, St. Francis Orphanage, Contractor, Robert Trost, S. F.

Contract price not stated. Note: This is the first of several large buildings which will be erected at Watsonville for the St. Francis Orphanage and which will be designed by the same architect and constructed by Robert Trost.

WATER SYSTEM EXTENSION—Cost not stated. Redwood City San Mateo Co., Cal. Engineer, City Engineer, Redwood City. Owners, Redwood City. Bids will be opened on July 6th for the construction of water main extensions in Redwood City. Four-inch cast iron pipe will be used. Plans and full particulars can be secured by addressing the City Clerk.

HIGHWAY WORK—Cost not stated. San Gregorio, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on July 6th for constructing .947 miles of highway. Plans and specifications can be secured from the County Clerk.

Contracts Awarded.

HIGHWAY WORK—Cost not stated. San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractors, Clark-Henery Co., Sacramento. Contract price, \$69,329.62.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

E SEVENTH, 5th Lot S of Keyes St., San Jose. Five-room cottage. Owner, C. S. Rhea, Premises. Architect, None. Day's work. COST, \$2,900

NO. 403 JEROME ST., San Jose. Five-room cottage. Owner, S. B. Druck, Premises. Architect, None. Day's work. COST, \$1,500

BUILDING CONTRACTS.

SAN MATEO COUNTY.

MAIN STREET AND BURLINGAME Ave., Burlingame. All work except excavation for two-story and basement brick store and office building. Owner, Archie L. Offield, Burlingame. Architect, Archie L. Offield.

Contractor, Charles E. Smalridge, Burlingame. Filed June 17, '14. Dated May 25, '14.

Walls up to 1st floor, \$1,000
Roof on and exterior walls up to, 2500
Second coat plaster on, 1000
Completed and accepted, 2275
Usual 35 days, 2300

TOTAL COST, \$9,075

Bond, \$4,538. Surety, Maryland Casualty Co. Limit, 120 days. Forfeit, \$20. Plans and specifications filed.

HILLSBOROUGH, San Mateo Co. Stone work for addition to westerly end of W. H. Crocker residence. Owner, W. H. Crocker, Hillsborough.

Architect, Lewis P. Hobart, 1122 Crocker Bldg., S. F. Contractor, The McGilvray Stone Co., 7th and Townsend, S. F.

Filed June 17, '14. Dated May 25, '14.

TOTAL COST, \$2,550

Bond, \$1,230. Sureties, John D. McGilvray and R. Dewar. Limit, July 15, 1914. Forfeit, none. Plans and specifications filed.

BRICK WORK, WATER PROOFING, concrete work and fireproofing on above.

Contractor, W. A. Goerick, Postal Telegraph Bldg., S. F. Filed June 17, '14. Dated May 26, '14. 15th of each month, 75% Usual 35 days, 25%

TOTAL COST, \$11,500

Bond, \$5750. Surety, Equitable Surety Co. Limit, Aug. 10, 1914. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
June 17, 1914—BERESFORD. Beresford County Club to D Zelinsky & Rutte Eng & Elec Co., June 13, '14
June 18, 1914—LOT 3 BLK 3, Burlingame Park No. 4, San Mateo Co. Clarence S. Crary to George B. Moore, June 10, 1914

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
June 22, 1914—LOTS 23 AND 24 BLK 17, Crocker Estate Tract, Daly City. George Ryan to A. Makower and J. Baulhard, \$671.06

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HOSPITAL—2 story and base, reinforced concrete, \$10,000. Hanford, Kings Co., Cal. Architect, Ernest J. Kump, Fresno. Owners, St. Dominican Sisters. Plans have been prepared for a modern two-story fireproof hospital, covering an area of 50 by 102 feet. The first floor will contain office, operating room and nurses' quarters. Upper floor will be arranged for male and female wards and private rooms. Modern hospital plumbing will be installed. There will be steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—3 story and base, brick and steel, \$265,000. Fresno, Fresno Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Money has been made available for the construction of the new Fresno State Normal School, and the architectural department is now busy on the working drawings. Bids will be called for within three months. Further mention will be made of the work.

Contracts Awarded.

CHURCH—1 story and base, brick and frame, \$21,000. Fresno, Fresno Co., Cal. Architect, Henry F. Starbuck, Fresno. Owners, German Lutheran Congregation. Contractor, A. W. Plewe, Fresno, general construction. Barrett-Hicks Co., plumbing and sheet metal work.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

FURNITURE, HALL OF RECORDS—Cost not stated. Colusa, Colusa Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Colusa County. Bids will be opened on July 7th for furnishing metal furniture, desks, chairs, filing cabinets, etc.,

for the new Hall of Records. Full particulars can be obtained from the architect.

RESIDENCE—2 story and base, frame and stone, \$6,000. Sisson, Siskiyou Co., Cal. Architect, James W. Pacheco, Archeson Bldg., Berkeley. Owner, Dr. T. C. Burnett. The dwelling has been designed for an eight-room house with bath. Interior finish will be of pine with some hardwood veneer and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or stone. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with stone and cement plaster on metal lath. Plans are being figured.

RESIDENCE—2 story and base, frame, \$6,500. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, W. B. Bennett. The dwelling will be erected in Bours Park, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater is specified. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—1 story and base, frame, \$3,200. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, F. B. Hubbard. The dwelling will be erected in Tuxedo Park, and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Charles Finnell, 421 East Jefferson street.

BRIDGES—Frame and concrete. Cost not stated. Ukiah, Mendocino Co., Cal. Owners, Mendocino County. Bids will be opened on July 7th for constructing four timber bridges in Mendocino County. Plans and specifications can be secured from the County Surveyor.

BRIDGES—3, timber and 1 concrete. Cost not stated. Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be opened on July 16th for this work. Plans and specifications can be secured from the County Surveyor.

JAIL—2 story and base, brick and steel. Cost not stated. Red Butte, Tehama Co., Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Revised plans for this work have been completed and are now out for figures. Bids will be opened on July 7th. The building will contain the office of the County Sheriff, wards for male and female prisoners and a guard room. There will steam heat and a hot water supply. Special jail equipment will be required. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect or from the County Clerk.

SHOP BUILDING—1 story and base,

reinforced concrete, \$10,000. Folsom, Sacramento Co., Cal. Architect, State Department of Engineering, Sacramento. Owners, State of California. The building will cover an area of 90 by 120 feet and will be built by prison labor. The estimate of \$23,000 is placed on materials only. Plans have been completed and work will be started at once.

HOSPITAL DAIRY BUILDING—Frame and concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids are now being called for and will be opened on July 28th for the construction of new dairy buildings at the Stockton State Hospital. Plans and specifications can be secured from the State Department of Engineering, Sacramento.

HOTEL—6 story and base. Class A construction, \$225,500. Sacramento, Cal. Architect, L. G. Burgen, Holbrook Bldg., S. F. Owner's name withheld. The building will be erected on one of the prominent business corners of the city and will be of fireproof construction throughout, with a complete steel frame, reinforced concrete walls, concrete floors and brick exterior walls. There will be two stores on the first floor besides the hotel lobby. Upper floors will contain a total of 176 rooms, 70 per cent of which will have private baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

SCHOOL—1 story and base, frame and plaster, \$15,000. Cortland, Sacramento Co., Cal. Architect, P. J. Herold, Forum Bldg., Sacramento. Owners, Cortland School District. The building has been designed to contain four class rooms and an assembly hall. Interior finish will be of pine throughout. There will be steam radiators. Composition blackboards are specified. Exterior of the building will be covered with cement plaster. Plans are nearly complete and figures will be called for shortly.

TRESTLE—Timber and reinforced concrete. Cost not stated. Yolo, Yolo Co., Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans have been completed and figures are now being taken by the State Highway Commissioners for the construction of a timber and reinforced concrete trestle over the Yolo By-Pass. Bids will be opened on July 20th. Plans and specifications can be secured from the State Highway Commission.

Contracts Awarded.

BRIDGE—Steel and concrete. Cost not stated. Durham, Butte Co., Cal. Engineers, Leonard & Day, Rialto Bldg., S. F. Owners, Butte County. Contractors, Chico Iron Works, Chico. Structural steel. Contract price, \$12,000.

SCHOOL—1 story and base, reinforced concrete, \$20,000. Gridley, Butte Co., Cal. Architects, Smith & Stewart, 214 Kearny street, S. F. Owners, Gridley School District. Contractor, D. C. Evans, Marysville. Contract price, \$19,815.

STREET PAVING—Cost not stated. Oroville, Butte Co., Cal. Engineer, City

Engineer, Oroville. Owners, City of Oroville. Contractors, Clark-Henry Co., Sacramento. Contract price, \$36,352.50.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

W 60 LOT 7 B, C, 18TH AND 19 STS., Sacramento. Construct almond shell-ing plant.

Owner.....California Almond Grower Exchange, 424 Ochsene Bldg., Sacramento.

Architect...None.

Contractor...P. J. O'Brien. COST, \$5500

NO. 815 W ST., E ½ Lot 7 V, W, 8th and 9th Sts., Sacramento. One-story 5-room frame dwelling.

Owner.....C. Hoffman, 1212 4th St., Sacramento.

Architect...None.

Contractor...W. R. Saunders, 2810 1 St., Sacramento. COCT, \$2400

THIRTY-THIRD AVE near Magnolia Ave S 50 of N 100 of Lot 1 Bk 30, South Sacramento. One-story five-room frame dwelling.

Owner.....Mrs. M. C. Bowfield, 3221 Magnolia Ave., Sacramento

Architect...None.

Contractor...Tome Johnson, 2921 W St., Sacramento. COST, \$1600

NO. 1814 TWENTY-EIGHTH S ½ Lot 4, R, S, 25th and 28th Sts., Sacramento. Remodel dwelling into flat and store.

Owner.....Robert Hellman, 1815 28th St., Sacramento.

Architect...None.

Contractor...Wall & Parker, Box 420, Sacramento. COST, \$1000

E ½ S ½ LOT 5, K, L, 2ND AND 3RD STS., Sacramento. Alterations to brick building.

Owner.....Lazzarini & Bardon, 1130 3rd St., Sacramento.

Architect...None.

Contractor...Petro Leoni, 1330 V St., Sacramento. COST, \$1000

NOS. 1700, 1702, 1704, 1706 SIXTEENTH ST. E ½ N ½ Lot 4, Q, R, 15th and 16th Sts., Sacramento. Two-story frame (4) apartments 4 rooms each.

Owner.....Mrs. Alice Steppan, 1015 ½ 16th St., Sacramento.

Architect...None.

Contractor...J. A. Lucas, 1604 V St., Sacramento. COST, \$7500

NOS. 1112-1114 S ST., E 41 of N ½ Lot 2, S, T, 11th and 12th Sts., Sacramento. Two-story frame (2) apartments of 4 rooms each.

Owner.....Mrs. A. Pimental, 1902 11th St., Sacramento.

Architect...None.

Contractor...M. F. Terra, 2315 9th St., Sacramento. COST, \$3000

NO. 3221 D ST., Lot 105 Casa Loma Terrace, Sacramento. One-story frame five-room dwelling and sleeping porch.

Owner.....Mrs. Lillian L. Beard, 4070 V St., Sacramento.

Architect...None.

Contractor...W. D. McKay, 3021 E. St., Sacramento.

COST, \$2800

NO. 1130 THIRD ST., E ½ S ½ LOT 5, K, L, 2nd and 3rd Sts., Sacramento. Alterations and additions to bldg. Owner.....Lazzarini & Bardon, 1130 3rd St., Sacramento.

Architect...None.

Contractor...Peter Leoni, 1330 V St., Sacramento.

COST, \$1000

NO. 2317 W ST., W ½ LOT 6, V, W, 23rd and 24th Sts., Sacramento. One story 7-room dwelling.

Owner.....Dr. W. A. Beattie, 2411 P St., Sacramento.

Architect...None.

Contractor...J. A. Pansback, 1020 25th St., Sacramento.

COST, \$2700

NO. 1715 W ST., Lot 6143, Mission Trecho, V, W, 17th and 18th Sts., Sacramento. All work for one-story 5-room frame dwelling.

Owner.....Joseph Avila, Sacramento.

Architect...None.

Contractor...M. A. Fratis, 1728 S St., Sacramento.

COST, \$1650

NO. 921 K ST. S 100 of Lot 5, J, K, 9th and 10th Sts., Sacramento. One-story brick store.

Owner.....Ancl Hoffman, Premises.

Architect...None.

Contractor...W. M. Kennedy, 3200 Orange Ave., Sacramento.

COST, \$1600

LOT 24 Buena Vista, Sacramento. One-story frame dwelling.

Owner.....George Jones.

Architect...None.

Contractor...D. Lamourue, 4219 Stanfield Ave., Sacramento.

COST, \$450

NO. 1115 SECOND, S 23 FEET LOT 1, K, L, 2nd and 3rd Sts., Sacramento. Interior partitions and plumbing.

Owner.....Harry & Emillie Goldstein, Premises.

Architect...None.

Contractor...Chas. Vanina, 2022 M St., Sacramento.

COST, \$500

NO. 1312 THIRD, N 40 feet of S 72 of Lot 4, M, N, 2nd and 3rd Sts., Sacramento. One-story addition to frame dwelling.

Owner.....Ida Jeffries, 1132 3rd St., Sacramento.

Architect...None.

Contractor...Barton & Hite, 1006½ 9th St., Sacramento.

COST, \$500

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

OPHIR AND MARKET STS., Stockton. All work necessary for the construction of additions and alterations for the Lincoln School Bldg.

Owner.....Board of Education of the City of Stockton, Cal.

Architect...Stone & Wright, 24 South California St., Stockton.

Contractor...J. M. Chirhart & C. J. Nystedt, 1048 N-Sierra Nevada St., Stockton.

Filed June 19, '14. Dated June 18, '14. About 1st day of every month 75% of work completed during the month prior..... Usual 33 days, final payment..... TOTAL COST, \$23,098 Bond, \$11,549. Surety, Pacific Coast Casualty Co. Limit, 60 working days. Forfeit, \$10 per day. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED June 23, 1914—S 80 OF E ¼ LOT 1 and S 80 of W 30 Lot 2, J, K, 11th and 12th Sts., Sacramento. Philip S Driver and R M Richardson to Harry A Hendren.....June 6, 1914 June 23, 1914—LOT 47 Hillside Terrace, Sacramento. George and Katherine Nethercott to Nick FrubaufMay 4, 1914

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED AMOUNT June 20, 1914—E ½ N ½ LOT 2, U, V 9th and 10th Sts., Sacramento. Clarke & Henery Constr Co to C A Strawhecker\$30.40

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, F. H. Gentry, Marsh Bldg., L. A. Owners, Business Properties Co. The building will be erected at the corner of Moneta avenue and Santa Barbara, covering an area of 50 by 120 feet. There will be several stores besides the entrance on the first floor. Upper floors will be arranged in two and three room suites, with private baths and wall beds. Interior finish will be of pine and redwood with some em panels. There will be steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with pressed brick. Plans are being revised.

CITY HALL—1 story, reinforced concrete. Cost not stated. El Monte, Los Angeles Co., Cal. Architect, City Engineer, El Monte, Cal. Owners, City of El Monte. Plans have been completed for a one story City Hall which will contain the executive offices, city jail and fire department. Interior finish will be of pine throughout. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and may be obtained from the City Clerk. Bids will be opened on July 6th.

HOSPITAL GROUP—Frame and plaster, \$75,000. Ventura, Ventura Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. A new state institution will be erected at Ventura. The first work to be undertaken will be the construction of a frame hospital building and two cottages. About \$75,000 is available for this work. Preliminary plans only have been prepared. Bids will be called for in about three months.

HOSPITAL GROUP—2 story, brick

and fireproof, \$160,000. Norwalk, Los Angeles Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. A new institution for the care of the state insane is to be erected at Norwalk. All buildings, consisting of a main administration building, hospital, employees' quarters, power house and commissary, will be of brick construction. The administration building and hospital will be erected first. A central steam heating plant will follow. Interior finish will be of pine. Exterior of all buildings will be faced with pressed brick. The architectural department is now engaged on preliminary studies. Bids will not be called for within six months.

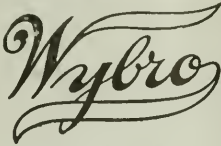
RESIDENCE—2 story brick and frame, \$25,000. Los Angeles, Cal. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, Thos. O'Neil. The dwelling has been designed for a four-teen-room house with four baths and will be erected in Windsor Square. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be a central heating plant and open fire places. Bath rooms will be finished in tile and equipped with showers. Exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame and plaster, \$75,000. Los Angeles, Cal. Architects, Foss Designing Co., 100 East Colorado street, L. A. Owner, W. J. Bettingsen. The dwelling will be erected on Hillcrest avenue in the Oak Knoll District, and has been designed in the Colonial style. There will be fifteen rooms, five baths and servants' quarters. A garage will also be erected on the property. Interior will be finished in pine and hardwood and white enamel. A central heating plant will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$6,000. Pomona, Los Angeles Co., Cal. Architect, C. E. Wolfe, Pomona. Owner, Rev. M. J. Connealy. The house has been designed to contain thirteen rooms and three baths. Interior finish will be of oak and mahogany. There will be three open fire places with tile or brick mantels. Bath rooms will be finished in tile. Hardwood floors are specified. There will be furnace heat. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—1 story, frame, \$2,000. Pomona, Los Angeles Co., Cal. Architect, C. E. Wolfe, Pomona. Owner, Geo. Stubbs, Pomona. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. There will be a large open fire place in the living room. Mantel will be of tile. Exterior will be covered with stone and rustic. Plans are complete and figures are being taken.

SCHOOL—1 story and base, frame, \$6,000. Tropic, Los Angeles Co., Cal. Architects, Tuttle & Angel, Delta Bldg., L. A. Owners, Tropic School District. The building will contain two class rooms with an assembly hall. Interior will be covered with cement plaster. Plans are complete and bids will be opened on July 2nd.



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SCHOOL—1 story and base, brick, \$10,000. Pasadena, Los Angeles Co., Cal. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, City of Pasadena. The building will contain eight class rooms, library, teachers' rooms, domestic science and manual training departments. There will be steam heat. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SCHOOL—1 and 2 story and base, brick, \$35,000. Altadena, Los Angeles Co., Cal. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Altadena School District. The building has been designed to contain an auditorium, class rooms, domestic science and manual training departments. Interior will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for shortly.

WATER SYSTEM—Cost not stated. El Monte, Los Angeles Co., Cal. Engineer, City Engineer, El Monte. Owners, City of El Monte. Bids will be opened on July 6th for a complete municipal water system. Plans and specifications can be secured from the City Clerk.

PUMPS AND MOTORS—Cost not stated. El Monte, Los Angeles Co., Cal. Engineer, City Engineer, El Monte. Owners, City of El Monte. Bids will be opened on July 6th for furnishing pumps and motors in connection with the new municipal water system. Plans and specifications can be secured from the City Clerk.

STORES—1 story and base, brick, \$5,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, J. H. Burch. The building will be erected at the corner of 9th and Figueroa streets and will contain five stores. Interiors will be finished in pine. There will be patent store fronts. Plans are complete and a contract will be let shortly.

PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and base, frame, \$30,000. Portland, Ore. Architects, E. N. Rasmussen & Son, 277 Peerless Place, Portland. Owner's name withheld. The building will be erected at the southeast corner of 24th and East living streets, and will contain twenty-three suites of two and three rooms. There will be steam heat, a hot water system and portable vacuum cleaning. Interior finish will be

of pine throughout. There will be private baths and wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BRIDGE AND VIADUCT—Steel and reinforced concrete, \$56,000. Portland, Ore. Engineer, H. W. Holmes, Portland. Owners, City of Portland. The bridge and viaduct will be erected over the Southern Pacific and Oregon-Washington Railroad and Navigation Co.'s tracks at Holgate street. The steel work alone will cost about \$56,000. The viaduct proper will be 300 feet long with two approaches each 150 feet. The bridge will have two spaces and will be 28 feet wide with two six-foot sidewalks. Plans are now being prepared.

HOTEL—5 story and base, brick and steel, \$100,000. North Bend, Ore. Architect, George Courtney, North Bend, Ore. Owner's name withheld. The building will be erected on a corner lot and will cover a considerable ground area. There will be stores, hotel lobby, dining room and kitchen on the first floor. Upper floors will contain a total of 110 rooms, the majority of which will have private baths. Interior finish will be of pine. There will be steam heat, a hot water supply and automatic elevator. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

DEPARTMENT STORE—2 story and base, reinforced concrete. Cost not stated. Aurora, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Kraus & Son. The first floor of the building will be used for a large department store. Second floor will contain apartments. Interior finish will be of pine throughout. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans will be ready for figures about July 10th.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, brick and steel, \$50,000. Seattle, Wash. Architects, American Bridge Co., Arcade Bldg., Seattle. Owner, A. L. Spotts. The building will cover an area of 60 by 113 feet, and has been designed to contain 42 suites of three rooms each. Interiors will be finished in pine throughout. There will be steam heat, elevator service, a hot water system and vacuum cleaning. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile and will have composi-

E. H. Williams

Chalmer Munday

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tion floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE BUILDING—3 story and base, steel and reinforced concrete, \$120,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, Seattle Masonic Temple Association. The building will be erected at the southeast corner of Pine and Harvard streets, covering an area of 120 by 140 feet. There will be stores on the first floor, offices of the organization, a large banquet room and ball room. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are now being taken.

MACHINERY, VALVES AND LOCKS—Cost not stated, Narrows, Wash. Engineer, U. S. Reclamation Service, Burge Bldg., Seattle. Owners, United States Government. Bids opened for machinery in connection with the Lake Washington Canal show Meacham & Babcock of Seattle low at \$110,652.70. Bids have been forwarded to Washington, D. C. for further consideration.

Contracts Awarded.

HOTEL—4 story and base, brick and frame, \$100,000. Seattle, Wash. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yessler Estate. Contractor, Hans Pederson, Madison Bldg., Seattle. Contract price, \$100,000.

Completion Notices.

MONTH OF MAY.

SAN FRANCISCO COUNTY.

A

May 4, 1914—S ANZA 95 E 18th Ave
W 66 m or I S 60 E 6 S 60 E 104 m
or I. A P Jacobs to Stanquist &
Forbes.....April 23, 1914
May 29, 1914—N ANZA 57-6 E 9th
Ave 25x100. F Hock to H P Otten
.....May 27, 1914

B

May 1, 1914—BOSWORTH NO. 1217.
Oscar Swanson to whom it may
concern.....May 1, 1914
May 7, 1914—E BUCHANAN 100 N
Filbert N 25xE 80. Julia Wright
to W McKenzie.....Completed
May 8, 1914—N BUSH adj E Mills
68-9. Ogden Mills to P Grassl....
Bldg having frontage on Bush of
68-9. Ogden Mills to P Grassl....
Co.....May 8, 1914
May 8, 1914—N BUSH adj E Mills

Bldg. having frontage on Bush of
.....May 8, 1914
May 13, 1914—N BAY 137-6 W Taylor
— 85 N 137-6 E 85 S 137-6, Cali-
fornia Fruit Cannery Ass'n to
Trevla & Pasqualetti.....Apr. 25, 1914
May 14, 1914—N BUSH adj. Mills
Bldg. having frontage on Bush of
68-9. Ogden Mills to Farrell &
Reed.....May 11, 1914
May 14, 1914—E BAKER 54975 S
Beach S 606 E 547.14 N parallel to
E Baker 606 W 547.14 m or l.
Panama-Pacific International Ex-
position Co to McLeran & Peterson
.....May 5, 1914
May 14, 1914—N BAKER 54975 S
Beach S 606 E 547.14 N parallel with
E Baker 606 W 547.14 m or l.
Panama-Pacific International Ex-
position Co to Lange & Bergstrom
(Contract filed April 12, 1913).....
.....May 5, 1914
May 15, 1914—N BROADWAY 42-6 E
Baker E 50 N 137-6 W 29-3/4 SE
1-6 1/2 W parallel with Broadway
21-1/4 S 136. Albert L Ehrman to
Lyden & Bickel.....May 12, 1914
May 15, 1914—N BROADWAY 42-6 E
Baker E 50 N 137-6 W 29-3/4 SE
1-6 1/2 W parallel with Broadway
21-1/4 S 136. Albert L Ehrman to
Cavanagh & Vezina.....May 12, 1914
May 15, 1914—N BUSH 72 W Hyde
W 34-4 1/2 137-6. Martin S Show
to whom it may concern.....May 14, 1914
May 19, 1914—N BUSH adjoining E
side Mills Bldg and having frontage
on Bush N 68-9. Ogden Mills
to Thomas Day Co.....May 15, 1914
May 19, 1914—S BEACH 90 W Steiner
E 571.25xW 687.5. Panama-Pacific
International Exposition Co to
Strehlow, Freese & Petersen.....
.....May 12, 1914
May 26, 1914—N BROADWAY 42-6 E
Baker E 50 N 137-6 W 29-3/4 th a
break SE 1-6 1/2 W parallel with
Broadway 21-1/4 S 136. Albert L
Ehrman to Petersen-James Co.....
.....May 21, 1914
May 26, 1914—N BUSH adjoining E
Mills Bldg. having frontage on
Bush of 68-9. Ogden Mills to
Hooper Dombink Co.....May 23, 1914
May 27, 1914—S BEACH 55 E Broder-
ick S 687.5xW 535.27 (Education
Bldg.) Panama-Pacific Interna-
tional Exposition Co to McFell Elec
Co.....May 23, 1914
May 27, 1914—S BEACH 55 E Broder-
ick E 886.87xS 618.75 (Liberal Arts
Bldg.) Panama-Pacific Interna-
tional Exposition Co to McFell Elec
Co.....May 23, 1914
May 27, 1914—N BUSH adjoining E
Mills Bldg and having frontage on
Bush of 68-9. Ogden Mills to Man-
grum & Otter.....May 21, 1914
May 28, 1914—N BUSH adj. E Mills
Bldg 68-9 on Bush. Ogden Mills
to Colusa Sandstone Co.....May 25, 1914
May 28, 1914—W SANCHEZ 66 S
25th S 20xW 76-9. John W Flaherty
to L J Roberts and John B Wool-
frey.....May 26, 1914
May 28, 1914—E BRODERICK 82-6
S Green S 27-6xE 105. Julia E
Wolf to Geo A Born.....May 26, 1914
May 29, 1914—LOT 11 BLK 26 Amend-
ed Map Ingleside Terrace. Frank
E Brown to Schroder & McIntosh.....
.....May 25, 1914
May 29, 1914—S BEACH 55 E Broder-
ick E 886.87 S 618.75 to N Bay
W 886.87 N 618.75 (Liberal Arts
Bldg.) Panama-Pacific Intersec-
tion Exposition Co to Reese &

Rountree.....May 20, 1914
May 29, 1914—N BROADWAY 137-7%
NE Larkin. Charles J U Koehnig
to whom it may concern.....Completed

C

May 1, 1914—S CALIFORNIA 137-6
Roberts to Fred W Snook & Co.....
E Broderick E 27-6xS 137-6. W F
.....April 30, 1914
May 12, 1914—COMG. AT SE LN LOT
356 Gift Map No. 2 perpendicularly
dist 48-6 SE Folsom SE 21-6 NE
85-1 1/2 SW 28-5 1/2 SW 66-4 1/2 ptn
Lots 551-556 Gift Map No. 2. John
Blanchi to John Blanchi.....May 8, 1914
May 18, 1914—S CLAY 200 E Drumm
E 75xS 119-6. Zellerbach-Levison
Co to Domenico D Uomini and
Joseph D Uomini (as Pacific
Plastering Co. May 9; Chas Morris-
on (as Morrison & Co.).....May 15, 1914
May 25, 1914—N CLEMENT 32-6 E
25th Ave A 25x100. Joseph P
and Mary A Flaherty to Thos Hamill.....
.....May 25, 1914
May 26, 1914—SE CALIFORNIA AND
19th Ave — 25xE 70. J A Macken-
zie to Western Union Home Bldrs.
Inc.....May 23, 1914
May 26, 1914—SE CALIFORNIA AND
Leidesdorff E 107-6xS 137-6. The
Insurance Exchange to W D
Henderson.....May 23, 1914
May 28, 1914—W CROWN TERRACE
236 S Clarendon Ave S 25 W 59 N
25 E 90 Lot 20 Blk "C" Ashbury
Park Tract. L B Edwards and J
B Brewster to whom it may con-
cern.....May 12, 1914
May 28, 1914—W CROWN TERRACE
261 S Clarendon Ave S 25 W 58 N
25 E 89 Lot 19 Blk "C" Ashbury
Park Tract. L B Edwards and J
B Brewster to whom it may con-
cern.....May 12, 1914

D

May 11, 1914—W DOLORES 51-6 N
Army N 25xW 114. Michael and
Celia Corley to Elmer Peterson.....
.....May 6, 1914
May 11, 1914—E DOLORES 55-9 N
15th N 137-6xE 90. Adrienne and
Nellie Thompson to Thos Warbur-
ton, April 30; J P Lorden Mill Co,
Inc.....May 5, 1914
May 14, 1914—S DODGE at r a S
57-6 E 28 S 80 E 24-2 1/2 N 134-6 1/2
to Turk dist 162-3% E Larkin W
52-9%. Hanson or Hansen & John-
son (Contractors, Inc) to whom it
may concern.....May 9, 1914
May 15, 1914—E DOUGLASS 422 S
19th S 23xE 125. John F. Haner to
whom it may concern.....May 8, 1914
May 26, 1914—E DOLORES 55-9 N
15th N 137-6xE 90. Adrienne
Thompson and Nellie Thompson to
Pacific Floor Sanding Co, Inc, May
25, 1914; J J Philbin, May 25, 1914;
Jacob Barman and Harry Barman
(as Barman Bros).....May 22, 1914
May 28, 1914—SW DRUMM AND
Clark S 20xW 60. Joe Harris Co to
F L Hansen.....May 28, 1914

E

May 2, 1914—N ELLIS 97-6 W Mason
W 40xN 60. Charles C Judson Co
to Fisher & Wolfe Co.....Apr. 27, 1914
May 4, 1914—SW LARKIN & OFAR-
rell W 85xS 50. G G Burnett Est
May 6, 1914—SE EIGHTH & HARRI-
son and Hayward. C F Wagner Co
to Ratto & Glanni.....May 4, 1914

May 6, 1914—W ELEVENTH AVE 25
S Anza S 25xW 100. Alfred T
Morris to whom it may concern.....
.....April 1, 1914
May 6, 1914—W ELEVENTH AVE 50
S Anza 25x100. Alfred T Morris to
whom it may concern.....Apr. 15, 1914
May 11, 1914—E EIGHTEENTH AVE
250 S Anza S 25xE 120. Frank
Lapham to Henry W Jansen.....
.....May 1, 1914
May 11, 1914—NE EIGHTH AVE AND
Palboa 32-6x100, Richmond Dist. A
Bergez to Ratto & Vadala.....May 11, '14
May 19, 1914—SE EDINBURGH 100
SW Trance Ave SW 25xSE 100; ptn
Lot 1 Blk 43 Excel Hd. Wm S
Ulmer to T H Parry.....May 5, 1914
May 21, 1914—N ELIZABETH 230 E
Castro E 25xN 114. Tina Hinkel
to Hinkel Bros.....May 14, 1914
May 26, 1914—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to Healy Tibbitts Con-
struction Co (Contract filed Jan.
22, 1914).....May 23, 1914

F

May 1, 1914—W FOURTH & JESSIE
NW 75xSW 75. Mary L Phelan to
General Elec Constr Co, April 28;
Porderer Cornice Works, April 24;
American Marble & Mosaic Co.,
April 24; F W Snook Co.....Apr. 28, '14
May 7, 1914—SE FILLMORE AND
Jackson E 95xS 40. Angelo Belli
to V Filippis.....May 7, 1914
May 7, 1914—W FOURTH & JESSIE
NW 75xSW 75. Mary L Phelan to
John G Sutton Co.....May 6, 1914
May 7, 1914—E FIFTH AVE 250 N
"A" N 50xE 120. The Pacific Tele-
phone & Telegraph Co to Mathies
& Griffith.....Apr. 28, 1914
May 8, 1914—W FOURTH & JESSIE
NW 75xSW 75. Mary L Phelan to
Harry G Graper.....May 8, 1914
May 9, 1914—E FORTY-THIRD AVE
100 S Cabrillo E 120xS 40. Orville
R Baldwin to Holden-Deuprey Co.....
.....May 8, 1914
May 11, 1914—N FRANCISCO 130 W
Grant Ave W 22-11xN 68-9. M
Gardner to K C Gardner.....May 9, '14
May 15, 1914—NE FULTON AND
Parker Ave E 175xN 275. The
President and Board of Trustees of
St. Ignatius College to John A M
Boller.....May 9, 1914
May 18, 1914—E FIFTH AVE 175 S
"C." J J O'Meara to MacArthur
Bros.....May 18, 1914
May 21, 1914—W FIFTEENTH AVE
150 N Judah. Lawrence O'Connell
to whom it may concern.....May 16, 1914
May 27, 1914—E FILLMORE 59.075 N
Bay N 1067xE 475 (Machinery
Bldg.) Panama-Pacific Interna-
tional Exposition Co to McFell
Elec Co.....May 23, 1914
May 29, 1914—E FOURTH AVE 310-
4 13-16 S Cabrillo S 31 E 120 N
31 — 120. Trevor & Co to P F
Speidel.....May 27, 1914

G

May 6, 1914—SE GREENWICH AND
Pierce 30x66. A Cravotto to Guls-
eppe Polati.....May 6, 1914
May 8, 1914—SW GEARY & LARKIN
W 76xS 120. P J Gartland to Central
Iron Works.....May 6, 1914
May 11, 1914—S GEARY 137-6 W Ma-
son E 37-6xS 137-6. Stewart Est
Co to Frederick W Snook Co.....
.....May 7, 1914
May 12, 1914—E GUERRERO 85 S

19th S 75x E 90. John J Blinck
(President John J Blinck Co, cpm to
whom P may concern...May 12, 1914
May 21, 1914—W GARIBOLDI (Vin-
cent) 57-6 S Union S 10xW 58-9.
Vittorio H and Nellie E Eager to
Latin Constr Co.....May —, 1914
May 21, 1914—S GEARY 137-6 E Mas-
son E 37-6xS 137-6. Stewart Est
Co to Central Elec Plumbing &
Heating Co.....May 12, 1914
May 23, 1914—N GREENWICH 37-6 W
Devisadero W 25xN 112-6. Cesare
Soracco (by Angelo J Rossi, Gdn,
to Norio Cavagha.....May 18, 1914
May 25, 1914—S GEARY 65 E Web-
ster E 72-6xS 137-6. First African
M E Zion Church to J T Johnston,
J E Branagh and T A Cuthbertson
.....May 23, 1914
May 26, 1914—N GREEN 116-3x W
Jones W 47xN 120 to Macondray,
John McCaw to A Knowles.....
.....May 22, 1914

H

May 7, 1914—N HOWARD 275 E 4th
E 40 N 80 W 10 N 80 W 30 S 160.
Bert Schlisinger to Wm Lindén.....
.....April 30, 1914
May 12, 1914—W HAMPSHIRE 170
S 25th S 30xW 100, Emma R O'Don-
nell to Segurson Bros.....May 9, 1914
May 15, 1914—SE HOWARD 150 SW
12th SW 50xSE parallel with SW
13th 137-6. Landau Economic
Syphon Co to F P Lansing.....
.....May 12, 1914
May 20, 1914—N HOWARD 275 E 4th
E 40 N 80 W 10 N 80 W 30 S 160.
Bert Schlisinger to K. rnan and
O'Brien.....April 30, 1914
May 25, 1914—N HAIGHT 125 W Web-
ster W 24-4xN 137-6. Mary D
Jahnke to J M Bailey.....May 14, 1914

J

May 20, 1914—SE JESSIE & ECKER
E 105 S 50 W 1-6 S 26 W 103-6 N
76. William H Crocker to Chas H
Hock.....April 27, 1914

K

May 18, 1914—KIRKHAM NO. 615.
Elizabeth Gaffke to whom it may
concern.....May 12, 1914

L

May 6, 1914—N LOMBARD, bt Gough
and Octavia 126-6 E Octavia 25x
137-6. Frank P Galli to Giuseppe
Polati & Co.....May 6, 1914
May 7, 1914—LOTS 53 AND 56 Allen
& Co Sub Windsor Terrace. H B
and L D Allen to whom it may
concern.....May 1, 1914
May 9, 1914—W LUCY 200 S Thornton
— 35 W 100 N 25 E 100. Joseph
Kolvek to Stevenson & Gowan.....
.....May 8, 1914
May 13, 1914—LOT 16 C S Allred's Sub
Blks 17 and 18 West End Map No.
1. C S and Maggie L Allred to
whom it may concern.....May 12, 1914
May 14, 1914—W LARKIN 46-3x S
Greenwich S 22-6xW 97-7x. Mary
Pingel to Bowers & Fann. May 9, 1914
May 25, 1914—LOT 486 Silver Terrace
Hd Ass'n. Homestead Realty Co to
William H Grahn.....May 19, 1914
May 26, 1914—LOT 14 BLK 18 The C.
S. Allred Sub Blks 17 and 18 West
End Map No. 1. Watson A Titus
to whom it may concern.....May 26, 1914
May 26, 1914—E LAGUNA 89 N Her-

mann E 27-4 N 17 W 27-4 — 17. Mrs
Angela Beaudry to Barrett & Hllp..
.....May 16, 1914
May 28, 1914—W LYON 100 N Golden
Gate Ave N 25xW 112-6. Arthur
F or A F Bartmann to Leigh &
Schultz.....May 28, 1914
May 29, 1914—E LEAVENWORTH
112-6 S Sutter S 25x E 112-6. Her-
man D Hogrefe to whom it may
concern.....May 29, 1914

M

May 4, 1914—S MASONIC AVE 40 S
Geary. G Baragno to Paul Maffel
.....May 4, 1914
May 1, 1914—E MORSE & NEWTON
NE 30xSE 75; ptn Lots 1, 2, 3 Blk
7 Syndicate 1st Add'n to San Fran-
cisco. John Bjorkman to whom it
may concern.....Apr. 27, 1914
May 5, 1914—SE MONTGOMERY AND
Washington. Montgomery Block
Real Estate Associates to Far-
nocchia Petri & Co.....May 1, 1914
May 15, 1914—NW MENDELL (M So)
75 NE Newcomb Ave (14th Ave So)
NE 75xNW 75. Mary T Gillen to L
C Wooldridge.....May 15, 1914
May 15, 1914—W MASON 95-3 N Paci-
fic N 22-3xW 137-6. Angelina
Mancini.....May 14, 1914
May 25, 1914—NW MARKET 9-6x
NE from N California NE 79-9 N
parallel with E Drumm 131-2 W
64-8x S 177-9x. Nos. 86, 94 Market
Anderson Bros, \$293.65; S A Beagle.
\$98.40; Decker Elec. Constr Co.
\$292.46; Henry T Grieb, \$862.18; H
J Perazall, \$388, vs Doe Estates Co,
S J and S C Pringle and Jas Long
(as Long's Ferry Market).....

N

May 1, 1914—N NEY 50 W Congdon
W 25xN85 ptn Lots 13 and 14 Blk
7 College Hd Ass'n. Victor Bjors
to whom it may concern.....Apr 27, 1914
May 1, 1914—N NEY 75 W Congdon
W 25xN 85 Ptn Lots 13 and 14 Blk
7 College Hd Ass'n. Victor Bjors
to whom it may concern.....Apr 10, '11
May 4, 1914—E NINETEENTH AVE
150 N Carthill N 25x E 73-6. Wen-
zel Stiller and Jacob H Kitchen to
whom it may concern.....Apr. 23, 1914
May 18, 1914—E NINETEENTH AVE
Eleventh NE 25xSE 75. William
Cesana to Antonio Sciarroni and C
Gordon to Segurson Bros. May 2, 1914
May 5, 1914—SE NATOMA 200 NE
50 N Anza N 50x E 82-6. Michael
Costello and Bryan Feerick to
whom it may concern.....May 12, 1914
May 18, 1914—E NINTH AVE 125 N
Ortega (O) N 25x E 125. Alpheus
and Mary Elizabeth Duffee to whom
it may concern.....May 16, 1914
May 19, 1914—NW NAPLES 150 SW
Russia Ave SW 25xN 100; ptn Lot 7
Blk 44, Excel Hd. C F Ryan to
W S Ulmer & T H Parry. Apr. — 1914
May 22, 1914—W NOE 38-11 N Day N
25xW 80. Edw Connors to Edw
Mooney.....May 22, 1914
May 23, 1914—E NEVADA 400 N Jar-
boe Ave N 25x E 70 Lot 944 Gift Map
No. 2. Arthur Lindberg to whom it
may concern.....May 23, 1914
May 28, 1914—E NINETEENTH AVE
225 S Noriega S 25x E 120. Nellie
Hahn to J W Rew and H A Foy..
.....May 26, 1914
May 29, 1914—W NINETEENTH AVE
100 N Anza N 25xW 120. Margaret
Hamill to Thos Hamill.....May 29, 1914

O

May 28, 1914—S OFARRELL 60 E
Beideman E 30xS 70. Hatlie D
Becker to Wm Little.....May 27, 1914

P

May 5, 1914—S PACIFIC 75 W Hyde
S 137-6xW 62-6. George E Marshall
to A M Wallen.....Mar. 25, 1914
May 6, 1914—S PACIFIC 132 E Jones
E 24xS 60. W J Cereghino to F
Bonaccorso & A Draga.....May 5, 1914
May 9, 1914—S PACIFIC 85 W De-
visadero W 45xS 127-8x. Paula M
Fatjo to S A Born Bldg Co. May 5, '14
May 12, 1914—E POLK 87-6 N Lom-
bard N 87-6x E 87-6. D J O'Neill to
N H Pearson.....Apr. 29, 1914
May 12, 1914—N PACIFIC 68-6 W
Jones W 23xN 70. Henri or H
Artru to L A Rose.....May 12, 1914
May 13, 1914—S PACIFIC 22-6 E
Powell E 23x — 67-6. A Delabrian-
dias to R De Luca.....May 8, 1914
May 16, 1914—N PACIFIC 60 E Tay-
lor E 25xN 62-6. Ludovico Cava-
lieri to N P Anderson.....May 14, 1914
May 22, 1914—E POLK 51-4 N Union
N 24-4x E 100. Guglielmo Galli to
A Gighi and G Cisero.....May 23, 1914
May 26, 1914—SW POST & POWELL
W 137-6 S 63-6 E 69-7 N 6-6 E 67-11
W 57. Crocker Hotel Co to Camp-
bell Bros.....May 16, 1914

P

May 28, 1914—W ROUSSEAU 125 S
Bosworth S 50xW 100 Blk 7 De
Bosn Tel. Edward D Swift and
Jas F Heffernan to whom it may
concern.....May 27, 1914

S

May 7, 1914—E SEVENTEENTH AVE
25 N Anza (A) N 25x E 90. Joseph
C Kirby to whom it may concern
.....April 28, 1914
May 16, 1914—SW SANSOME AND
Sutter W 69-8x E 69-7 NE 85-10%
N 19-4x. Albert Meyer and Isaac
Lebes to Petersen-James Co.....
.....May 12, 1914
May 21, 1914—W SEVENTEENTH
AVE 125 N California N 52xW 120.
Tyler Schmidt Bldg Co to whom it
may concern.....May 21, 1914
May 21, 1914—E SEVENTEENTH
AVE 125 N California N 50x E 120.
Tyler Schmidt Bldg Co to whom it
may concern.....May 21, 1914
May 23, 1914—S SUTTER 137-6 E
Hyde E 60 S 137-6 W 33-3 S 17-6
W 26-9 N 155. Reigle & Jamieson
vs Goldberg Bowen & Co and Auto-
mobile Club\$90
May 23, 1914—S SUTTER 137-6 E
Hyde E 60 S 137-6 W 33-3 S 17-6
W 26-9 N 155. W J Mahoney vs
Goldberg Bowen & Co and Auto-
mobile Club of S F.....\$250-5
May 26, 1914—S SERPENTINE AVE
275 E Mission E 25 S 62 W 23 N to
beg. Jas Finegan to whom it may
concern.....May 18, 1914
May 29, 1914—W STOCKTON 137-6 N
Sacramento W 100xN 40. T J
Gintjee to L A Hlison.....May 28, 1914

T

May 1, 1914—E TWENTIETH AVE
326 S Judah 25x120. Mary Jane
Sullivan to J T Johnston, John E
Branagh and Thos A Cuthbertson
.....April 30, 1914
May 1, 1914—W TWENTY-SIXTH AV

2-6 S Anza S 27-6xW 90. Myrtle
Dunn to Ernest E Dunn. Apr. 29, 1914
y 1, 1914—E TWENTY-SIXTH AV
00 N Irving 25x120. Mary Curryer
Smith to Ralph J Button. May 1, 1914
y 1, 1914—W TWENTIETH AVE
25 S California 25x120. Wm P
Nolan to whom it may concern....
.....May 1, 1914
y 2, 1914—S TURK 112-6 W
arkin W 25xS 137-6. Adolph
chwartz to C D Rankin. May 2, 1914
y 6, 1914—NW TONQUIN AND
teiner S 687.50 to N Beach E 550
to E Fillmore S 200 W along a line
parallel to N Beach 550 W Steiner
487.50 N Bay W 150 N along a
line parallel to W Steiner 487.50 W
long a line parallel to Beach 331.25
to W Pierce N along W Pierce 200
to N Beach E 31.25 N along a line
parallel to W Tonquin 150. Pana-
ma-Pacific Exposition Co to Michael
Turphy.May 1, 1914
y 6, 1914—E TWENTY-THIRD AV
75 S Taraval S 25x120. Jerome
and Della Hickey to Parkside
Home Bldg Co.Apr. 23, 1914
y 6, 1914—E TWENTY-FIRST AV
50 N Clement N 25x120. Mary
Maass to Jas Welsh.Apr. 28, 1914
y 9, 1914—LOTS 61 AND 62 Lyon
Hoag's Sub, Lincoln Manor.
Lockman & Co to whom it may concern.
.....May 8, 1914
y 9, 1914—E TWENTY-THIRD AV
50 S Lake S 25x120. C A Hall to
whom it may concern.May 9, 1914
y 12, 1914—E TWENTIETH AVE
50 S California S 25x120. John
Peters to whom it may concern
.....May 11, 1914
y 13, 1914—E TAYLOR 125 S
nion S 25x120. Jno M and
Catharine Sauter to whom it may
concern.May 1, 1914
y 13, 1914—SE TONQUIN AND
aker W 378.48 W 471.52 S 1375 E
21.20 E 428.80 N 1375. Pana-
ma-Pacific International Exposition Co
J G Williams Constr Co (contract
let Sept. 18, 1913).May 8, 1914
y 14, 1914—W TWENTY-FIFTH
ve 150 S California S 25xW 120.
orman H Smith to Byron J Hooper
.....May 12, 1914
y 14, 1914—N TWENTY-NINTH 55
Castro W 25xN 75. Sophus P
ensen to whom it may concern....
.....May 13, 1914
y 15, 1914—S TONQUIN 356.127 W
evisadero W 575xS 725. Pana-
ma-Pacific International Exposition Co
Nell A McLean.May 5, 1914
y 19, 1914—S TONQUIN 90 W
elner E 571.25xN 687.5. Pana-
ma-Pacific International Exposition Co
Strehlow, Freese & Petersen....
.....May 12, 1914
y 19, 1914—SW THIRD 125 NW
arrison NW 50xSW 80. B and M
anciarulo to S Saari.May 16, 1914
y 19, 1914—E TENTH AVE 245 N
ulton N 25x120. William T
and Wm T Smith to James Welsh
.....May 16, 1914
y 19, 1914—W THIRTY-THIRD
ve 200 N Taraval — 25 W 120 S 25
120. L L Cook to whom it may
concern.May 19, 1914
y 22, 1914—W TWELFTH AVE 200
Anza S 25xW 120. Alfred J Gock
to whom it may concern. Completed.
y 22, 1914—W TWENTY-FOURTH
ve 125 S Gary W 120xS 25. Chas
Hawthorne to T Roy Murray....
.....May 22, 1914

May 27, 1914—E TWENTY-SIXTH
Ave 125 N Irving 25x120. Ralph
J Button to whom it may concern
.....May 27, 1914
May 27, 1914—W TWENTY-THIRD
Ave 249-6 N Judah N 25-6 W 120 S
25 E 78 S 0-6 E 42. James Lane
to whom it may concern. May 26, 1914
May 27, 1914—S TONQUIN 55 E Brod-
erick S 687.5xW 535.27 (Food Pro-
ducts Bldg.) Panama-Pacific In-
ternational Exposition to McFell
Elec Co.May 23, 1914
May 27, 1914—N TURK 171-10½ E
Taylor E 34-4½xN 137-6. Zeller-
bach-Levison Co to Central Iron
Works, corp.May 22, 1914
May 27, 1914—S TONQUIN 55 E Brod-
erick E 886.87xS 687.5 (Agriculture
Bldg.) Panama-Pacific Interna-
tional Exposition Co to McFell Elec
Co.May 23, 1914
May 29, 1914—E TWENTY-SIXTH
200 N Ulloa N 25x120. Elsie
Cohen to J B or John B Woolfrey
and L J or Louis J Roberts.
.....May 23, 1914

U

May 4, 1914—E UPPER TERRACE
65 S Clifford 32-6xS0. Karl Yngve
to Karl Yngve.May 4, 1914
May 25, 1914—SW UNION & TAYLOR
S 120xW 82-6. Pietro Tarantino to
A Brisa.May 21, 1914
May 26, 1914—N UNION 23 E Leaven-
worth 50x112-6. Joseph, Frank
and Angelo Devenconzi to Deven-
conzi Bros.April 25, 1914

V

May 23, 1914—NW VAN NESS AVE
and Chestnut W to a point 125.8
m or l to W Scott S 206.4 m or l
W 1124.5 S to N Lombard th to
Lyon N to shore of S F Bay E along
shore to Van Ness Ave to beg, ex-
cept pt'n U. S. Government Reserva-
tion and blocks 249 and 250 Harbor
View Add'n. Panama-Pacific In-
ternational Exposition to Healy
Tibbitts Constr Co (contract filed
December 29, 1913).May 20, 1914

W

Co to H C Warwick.May 4, 1914
May 4, 1914—S ANZA 95 E 17th Ave
W 25xS 100. Nevada W Meyer to
David Leigh & Neils Schultz....
.....May 2, 1914
May 4, 1914—N WASHINGTON 75 W
Davis N 65 W 44 N 55 to S Oregon
E 25xS 100. Nevada W Meyer to
David Leigh & Neils Schultz....
May 6, 1914—E WILLARD 157-4 N
Woodland Ave E 92-1½ N 25 W
94-7½ S 25-1½. Mary L or Mary
Louisa Sweeney to Eugene A
Sweeney.Apr. 27, 1914
May 13, 1914—NE WASHINGTON &
Davis N 120x120. Davis Street
Really Co to A Olsen.May 4, 1914
May 13, 1914—E WILLARD 338.04 S
Parnassus Ave E parallel with S
Parnassus Ave S.11 N 25 W 89.55 N
25.04 Blk "D" Sunset Heights. Wm
L and Florence M Terry to whom
it may concern.May 11, 1914
May 14, 1914—SE WELSH 125 SW
Zoe SW 20xSE 80. Harold R and
Margt. Pickens to whom it may
concern.May 14, 1914
May 20, 1914—N WASHINGTON 1½
W Powell W 40xN 137-6. Frederick
A and Rose T Sutherland to Jno G
Klineanon.May 15, 1914

Y

May 28, 1914—SE YORK & 2310A.
Rose Wrinn to J H Verner.
.....May 28, 1914

EXPOSITION NOTES.

The largest flag pole in the world has been placed on the grounds of the Panama-Pacific International Exposition on the site of the Oregon building. The pole was shaped from a single fir tree given by the citizens of Astoria, Oregon. It is 230 feet long and more than five feet across the butt. It carries a flag 46 feet long.

One of the famous German dirigibles will be seen at the Panama-Pacific International Exposition. Baron von Brandenstein, representative of the Parseval Airship company of Berlin, is in San Francisco and has just made the final arrangements. He states that the dirigible that will be brought to the Exposition will be 250 feet long, will have a speed of 45 miles an hour and the gondola will afford accommodation for 20 to 25 passengers. The hangar will be built near the aviation field.

The Virginia commissioners to the Panama-Pacific International Exposition dedicated the site for the Virginia building on June 15th. This state structure is to one of the many interesting features of the exposition, as it will be a reproduction of George Washington's Mount Vernon home. Actual furniture used in the Washington home will be provided by Miss Nannie Randolph Heath, official hostess for Virginia. The furniture has been in the Heath, Randolph and Lee families for generations.

Chinese Commissioners to the Panama-Pacific International Exposition arrived June 15th and work has begun on the Chinese pavilion, which is to be a duplicate of one of the palaces of the Forbidden City. The commissioners are Hsi-chen Huang and Yueh-lu Shu. David S. Young, an American born Chinese, is secretary. Thirty-two artisans were brought and they have built a temporary home on the beach while the Chinese building is under way. Every courtesy was shown the foreigners and the workmen were the first to be admitted under the special act of Congress admitting laborers for exposition work.

Ground breaking exercises for Hawaii building will take place early in July. John Hughes, commissioner from Hawaii is in San Francisco arranging for the details. The former flag of the kingdom and of the republic, which is now the standard of the territory will be raised by the great-great-granddaughter of Captain Beckley, who designed the flag in 1807.

The officials of the Panama-Pacific International Exposition have been notified that the Imperial Austrian Commission has been formed to have charge of Austria's participation. The commission embraces some of the most prominent men in the nation. Dr. Erich Pistor, manager of the commission is leaving at once for San Francisco with his architect.

INCREASE IN SLATE PRODUCTION.
Over 6,000,000 School Slates and 3,500,000
Square Feet of Blackboard Slates—
Enters into Many Industries.

The production of slate is one of the important lesser industries of the United States. In 1913 the output of slate in this country was valued at \$6,175,476, an increase of \$132,158 compared with 1912, according to A. T. Coons, of the United States Geological Survey, in the chapter on slate from "Mineral Resources" for 1913. The increase did not represent any unusual activity in the slate trade; it was caused by an advance in the average price of the material itself. In fact, as compared with 1904, ten years ago, when the slate output was valued at \$5,617,195, the output in 1913 shows an increase in value of only 10 per cent.

All the eight producing States except Maryland, Vermont, and Virginia increased in total value of output of slate over 1912, the largest increase, 14.62 per cent, being in Maine.

The value of mill stock, including slate sold for all purposes other than roofing, increased from \$1,407,133 in 1912 to \$1,714,114 in 1913, a gain of \$307,281. Exclusive of blackboard and school slates, the mill stock increased from 5,765,273 square feet, valued at \$1,013,220, in 1912, to 6,312,011 square feet, valued at \$1,233,838, in 1913, an increase of 546,738 square feet in quantity and \$220,618 in value. Mill stock includes slate used for: blackboards, school slates, flooring, wainscoting, vats, tiles, sinks, laundry tubs, grave vaults, sanitary ware, refrigerator shelves, flour bins and dough troughs for bakeries, electric switchboards, mantels, hearths, well caps, and billiard, laboratory, kitchen, and other table tops.

In 1913 the output of roofing slate was reported as 1,112,944 squares, valued at \$1,461,062, a decrease as compared with 1912 of 82,341 squares in quantity and of \$175,123 in value. The number of school slates sold in 1913 was 6,174,526, valued at \$51,313, and the blackboard material amounted to 3,504,162 square feet, valued at \$426,702. The value of this "educational" slate was \$475,000.

A copy of this report may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

INCREASED CEMENT PRODUCTION.

The year 1913 was a record-breaker in the cement industry, according to Ernest F. Burchard, of the United States Geological Survey, in a chapter from "Mineral Resources, 1913," just published. The total quantity of Portland, natural, and puzzolan cement produced in the United States last year was the greatest in the history of the cement industry, amounting to 92,949,102 barrels, valued at \$93,001,169, compared with 83,571,191 barrels, valued at \$67,161,513, in 1912.

The total production of Portland cement in 1913, as reported to the Geological Survey, was 92,097,131 barrels, valued at \$92,557,617; the production for 1912 was 82,438,096 barrels, valued at \$67,016,928. The quantity of Portland cement produced, 92,097,131 barrels, is equivalent to 15,623,620 long tons. Compared with the production of pig iron for 1913, which was 30,966,501 long tons, the Portland cement production is

nearly 50.5 per cent of the quantity of pig iron.

Of the 113 producing plants in the United States in 1913, 23 were in the State of Pennsylvania, whose output was 28,701,845 barrels of Portland cement, the largest quantity produced by any one State. The second greatest production came from Indiana, with 10,872,574 barrels, and California was third, with 6,159,182 barrels.

The natural cement produced in the United States in 1913 amounted to 744,658 barrels of 265 pounds each, valued at \$345,889, compared with an output of 821,231 barrels, valued at \$367,222, in 1912, a decrease in 1913 of 76,573 barrels and of \$21,333 in value. Puzzolan cement was manufactured in 1913 at three plants in the United States, in Alabama, Ohio, and Pennsylvania. The output of puzzolan and Collos cements in 1913 was 107,313 barrels, valued at \$97,663, compared with 91,864 barrels, valued at \$77,363 in 1912, an increase in quantity of 15,449 barrels and in value of \$20,300.

The United States has a comparatively small export trade in cement. In 1913 the total quantity exported was only 2,964,358 barrels, most of which was Portland cement valued at \$4,270,666, compared with 4,215,232 barrels, valued at \$6,160,341, in 1912.

Proposals.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by General Enrique Loynaz del Castillo, Commissioner of Cuba, at Room 8030, Palace Hotel, San Francisco, California, at 2 P. M., Tuesday, July 7th, 1914, for Constructing the Cuban Building, at the Panama-Pacific International Exposition. In accordance with plans and specifications on file in the office of the Director of Works of the Panama-Pacific International Exposition Company, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco.

Each proposal must be accompanied by a certified check payable to the order of General Enrique Loynaz del Castillo, Commissioner of Cuba, in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made, all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to General Enrique Loynaz del Castillo, Commissioner of Cuba.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of Republic of Cuba.

Plans and specifications for the work may be obtained from the Director of Works of the Panama-Pacific International Exposition Company, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, California, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Republic of Cuba.

GENERAL ENRIQUE LOYNAZ DEL CASTILLO,
Commissioner of Cuba. (P)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore

LLOYD C. COMEGYS
COMMERCIAL ATTORNEY

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and Chestnut Streets, San Francisco, California, at 9:00 A. M., Thursday, July 9, 1914, for Constructing the Schnitler Pier in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (P)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, July 21st, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Cottage for Epileptics, Sonoma State Home, Ukiah, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid. A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Cottage for Epileptics, Sonoma State Home, Ukiah, California."

(SIGNED) W. F. McCLURE,
State Engineer. (P)

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

What Advertising Can Do.

It can give general publicity to your trade name and goods in the locality you desire to cover, through the use of newspaper, magazine, program, mail and bill-board advertising. The results would come to you through the sales made by your representatives or selling-houses in those localities. Such advertising so establishes the character and value of your offerings or products as to largely relieve your selling-houses, representatives and salesmen from so establishing or informing regarding who you are and the general lines that you offer.

This leaves the salesmen or selling-houses free to devote their entire time to actual sales making and eliminates a large amount of waste effort on their part in connection with your offerings.

Advertising may be very profitably used in obtaining inquiries regarding your offerings and getting in touch with live prospects or those whose minds have already been directed or centered upon taking your proposition. These inquiries or leads to prospects may then be turned over to your representatives or salesmen, who thus can produce many times the results that they otherwise could if left alone to scatter their efforts in a general way.

GOOD WILL:

The good will of a firm that is established through advertising coming direct from the house is the most valuable kind, in that it cannot be materially affected by the presence or absence of any particular salesman.

CATALOGUES AND PRICE LISTS:

Each particular business must determine whether it is wise to use these and to what extent. Some things are sold entirely from a quality standpoint and then descriptive catalogues are valuable, but others are sold entirely upon their price, and it is for these a price-list will produce business, or at least bring the customer to make a comparison with your prices and those of the other firms.

CALENDARS:

Caleendars I consider valuable only for trade name purposes and it is a serious question of how valuable they are, as these days the person likely to receive your calendar is also likely to receive anywhere from two to five others. It then becomes questionable whose calendar will be retained and displayed.

ADVERTISING:

In plain words, it means explaining to possible customers of whatever you have to offer, who you are, and what you have to offer. Notice, I say to possible customers and it is right here where so much money is lost in advertising, even when it is properly done and con-

tains real pulling or selling power. Be sure you are advertising to possible customers of your particular offerings and not to the general public or to those who would under most circumstances not want them. A trade magazine is one of the very best mediums for reaching the exact people in your line.

LLOYD C. COMEGYS.

EXPOSITION NOTES.

An A. 1. thriller at the Panama-Pacific International Exposition will be "Aeroscope," a huge inverted pendulum which will lift sight-seers 250 feet in the air, seven stories higher than the Flatiron Building, New York, and even higher than the famed Ferris Wheel at the World's Columbian Exposition at Chicago. Visitors will sit comfortably in great cars on their aerial jaunts.

German art is to be represented at the Panama-Pacific International Exposition by the most comprehensive collection of modern art that has been sent from that nation to any exposition. A cablegram has been received by the Chief of the Fine Arts Department stating that 400 paintings in oil, a full share of sculpture, blacks and whites and process pictures will be included in the exhibit.

Old Nuremberg, of interest to the student because of its historical associations, will be found in the "Zone" at the Panama-Pacific International Exposition at San Francisco in 1915. This will be an exact copy of Nuremberg, the romantic village of Franz Hals' time where robber barons held the world at bay. Another concession will be a miniature reproduction of the Panama Canal, costing \$250,000. 20,000 people will be able to pass its locks every half hour.

A flexible wire window screen that a Wisconsin man has invented is attached to the lower sash in such a manner that it unrolls and fills the window to whatever extent the sash be raised.

Thomas G. Stallsmith, U. S. Commissioner for the Panama-Pacific International Exposition to the Orient and Straits Settlements has returned from an eight months circle of the globe and as the result of his visit the following nations have accepted the invitation of the President of the United States to participate and have appropriated the sums named for the purpose: China, \$1,500,000; Australia, \$400,000; New Zealand, \$250,000; Philippine Islands, \$600,000; Cochín and Indo China, \$300,000; Java, \$250,000, and Siam, \$300,000.

The King of Siam will be represented at the Panama-Pacific International Exposition by his brother, Rajani, and he will send also a sacred white elephant, Siamese dancing girls and other features typical of the nation. A battalion of Siamese troops is to attend and the officers will be carried in the King's private yacht.

Dallas, Texas, is the first city officially to enter an aeroplane in the around-the-world aviation race of the Panama-Pacific International Exposition. Cap-

tain J. H. Worden, aviator now with the Mexican federal army, is to be the pilot and the machine is called "The Dallas." The city has agreed to build the machine and will back his flight with \$250,000. He is the first aviator to participate with his machine in actual warfare in the western hemisphere.

Ground was broken on the site of the Ohio building of the Panama-Pacific International Exposition on June 11th. The Ohio site adjoins the site of the Illinois building.

The Vanderbilt Cup and the Grand Prix automobile races have been granted to the Panama-Pacific International Exposition for 1915. Hollis E. Cooley, chief of Special Events of the exposition and W. L. Hughson, chairman of the racing committee, have returned from New York City where they made the necessary preliminary arrangements for the races.

General Loynaz del Castillo, Cuban Exposition Commissioner, has informed the Department of Horticulture of the Panama-Pacific International Exposition that Cuba will send specimens of all its principal floral species and that a special ship will be chartered for the purpose and will come through the Panama Canal, landing its cargo directly at the Exposition grounds.

Switzerland has expressed her intention to participate in the Exposition. The Swiss pavilion will be the center of the golden jubilee of the North American Schweitzer Bund, to be held July 31st to August 1, 1915, at the exposition.

One of the most important corollaries of the Aerial Race Around the World, organized by the Panama-Pacific International Exposition, will be the bringing together at the exposition of the Sixth World's Aeronautical Congress. Such men as Ch. Maurain, Le Directeur Institut Aerotechnique de l'Université de Paris; R. T. Glazebrook, C. B., M. A., D. E., F. R. S., Director National Physical Laboratory, Teddington, England; Chairman British Government Advisory Committee on Aeronautics; Baron Deutsche de la Meurthe, President Aero Club of France; Dr. L. Prandtl, University of Göttingen, are among the delegates to the congress, who will come from all over the world to discuss the advances made in the science of aerial navigation and to consider from a scientific standpoint the results of the World Flight.

This congress, the sixth one of its kind that has ever been held, will be the first that has been brought together since the real development of practical aviation. The first was assembled at Paris in 1899 on the initiative of Jannsen, the French Astronomer, and each of the succeeding congresses have been held coincidental with universal expositions. Eleven years passed before the second congress was held in 1900 and six more before the third at Milan. The fourth met at Nancy three years later and the fifth at Turin in 1911.

No such opportunity for the gathering of important data concerning the navigation of the air has ever been afforded to compare with the observations made by the pilots of the various types of aircraft while they are circling

ing the globe. These reports will be presented to the congress for discussion and comment, and will be purely of scientific interest.

The sporting side of the world race will be under the supervision of the Aero Club of America, which is affiliated with the Federation Aeronautique Internationale, the International body having sporting jurisdiction over all aviation sporting events throughout the world. The Aeronautical Society in the United States, allied with the Aeronautical Society of Great Britain, which inaugurated the movement for the congress, is the second oldest aeronautical organization in the world and the oldest of the kind in the United States.

The organizing committee of the congress is composed of Hudson Maxim, Inglis M. Uppercu, Thomas A. Hill, Alfred W. Lawson and Ernest L. Jones. Among the prominent delegates from the United States are Prof. David L. Gallup, M. E. Worcester, Polytechnic Institute; William J. Hammer, Clifford H. Le Page, M. E. Asst. Professor of Physics, Stevens Institute; T. R. MacMeehan, expert technical observers of dirigibles; N. B. Sellers, John E. Sloane, head of the Sloane Aeroplane Company, and Captain Chambers, head of the aviation department of the United States Navy.

FARMERS AND THE COMPENSATION ACT.

At the last session of the Legislature, when the Workmen's Compensation, Insurance and Safety Act was being considered, committees of farmers from all parts of the State visited the Capitol and urged that farm laborers be exempted from its provisions. The farmers believed that the Compensation Act would place upon them a heavy burden in the form of compensation to be paid to injured farm workers. The Legislature complied with their request.

The preceding Legislature by law had removed the three prime defenses, i. e., the assumption of risk, the fellow servant rule, and the doctrine of contributory negligence, which, under common law, had protected the employer in damage suits. With these defenses removed it had become common for juries to render verdicts against employers in favor of injured workers, ranging from \$5,000 to \$30,000 and costs, to say nothing of attorneys' fees, loss of time, vexation, annoyance and bitterness of feeling created between the workers and their employers. The farmer, being exempted from the provisions of the Compensation Act, remains under this possible heavy liability. The cost of limited insurance, giving only partial protection and covering damage awards by juries, is the same as for Unlimited Compensation Insurance which affords the farmer complete protection. Unlimited Compensation Insurance may be taken only after electing to come under the Compensation Act. It provides remuneration for the injured workers and conserves the friendly relations between employer and employee.

Since January 1st, 1914, when the Compensation Act became effective, over two thousand farmers have voluntarily come under that law and have thus protected themselves against heavy jury awards, covering their

compensation liability by taking insurance. The rate for insurance covering farm labor is 1½% of the farmer's annual payroll. They have wisely done this because they know that to do otherwise is to assume the risk, if in moderate circumstances, of possible ruin. By electing compensation and taking out insurance their injured workers are assured of ninety days' free medical treatment, and such other compensation as the law provides, thus saving these injured workers and their dependents from falling below the poverty line and becoming possible objects of charity. These farmers now realize, as they did not at the time of their opposition to the Compensation Act, that the new law gives protection to them and their workers.

Since the enactment of the Compensation Law, the State itself has gone into the insurance business. It has done this, not for profit, but to protect employers against possible excessive rates, to insure prompt settlement of claims, and to make insurance available to the smallest employer in the remotest nooks and corners of the State.

The Industrial Accident Commission, 325 Market Street, San Francisco, will, upon request, forward a blank, which, when filled out, signed and returned to the Commission, will bring the farmer under the Compensation Act. A further request to the Commission for an insurance application blank will enable the farmer to apply for insurance in the State Fund.

BONDS PROPOSED FOR UNIVERSITY BUILDINGS.

BERKELEY, June 23, 1914.—That through initiative proceedings the people of California should be asked to vote approval for a bond issue of \$1,800,000 for permanent buildings for the University of California, has been decided by the Alumni Association of the University of California.

Petitions are being circulated by the alumni calling for the placing on the ballot at the general election in November of an initiative measure authorizing this bond issue. Blank petitions can be obtained from the Secretary of the Alumni Association of the University of California, Berkeley. They should be returned with the signatures in July.

The permanent buildings the alumni have decided to ask the State to provide for the University are a new Agricultural Building, to accommodate some of the 500 students in that rapidly growing college and to house the work of the agricultural experts who are yearly adding to the annual production of California farms many times the amount of this whole proposed bond issue; a Chemistry Building—the present chemical laboratories, built to accommodate three hundred students, are now used to teach more than two thousand; an addition to complete the new University Library, first occupied two years ago, the Library's storage capacity of 300,000 volumes is already overtaxed and there is not enough room to hold the readers; and a large new class-room building, to replace the decrepit old firetrap, North Hall. Since the students are increasing by one-sixth per annum, the class-room building is a most urgent need. Long ago the classroom facilities were exhausted, and new classes are meeting

a cellars, attics, and out-of-doors, for lack of proper rooms.

Bill Brown, a contractor, who labored each day,

Was heard by his neighbor one morning to say,

"Doggone that old cellar, I don't see the reason

It gets full of water in each rainy season.

I painted the walls and I put in a sump; The water we get nearly chokes up the pump.

But it leaks like the mischief and fills up again

And today it's as full as it ever has been."

His neighbor, it happened, had recently sent

For a book that explained waterproofing cement.

So he went up to Bill and said, "Cheer up, old top.

If you want some ideas I will grow you a crop."

"You're the Judge," read the title, and Bill went inside

And pored o'er the book 'til it got through his hide;

That cellar of his could be dry as a bone,

He could fix it up once, and then leave it alone;

The directions were simple and Bill wrote them down.

Then 'phoned Parrott & Co., the dealers in town,

To send out cement and some sand, and a bit

Of that waterproof paste that they call Ceresit.

He mixed up some mortar as soon as they came,

With Ceresit carefully tempered the same.

On the floor of the basement some concrete he placed

About three inches thick, and he also made haste

To keep the pump going so it could set well,

And then left the concrete to dry for a spell.

He plastered the walls with the mortar he made,

And a one inch top coat on the concrete he laid;

He covered all the corners with workmanlike care,

And followed instructions he found written there

In the book before mentioned, and when he was through

He said, "Now we'll see if that book is all true.

For if I'm the Judge, I can tell you right here

If they're guilty I'll send them across for a year."

A day or so later the pump was shut down.

And Bill was the happiest man in the town,

For the cellar was dry, and as clean as a whistle,

And Bill wrote the Ceresit Co. this epistle:

"Dear Sirs: There are cellars down here by the score—

I've waterproofed one, and I'll waterproof more.

The owners will pay a good figure to get

A cellar where you can get out of the wet.

For you've got the goods, and you just set me down

A Ceresit user for life, William Brown."

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Fourteenth Year, No. 27.

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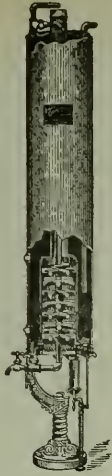
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Editorial Comment.

A SPLENDID SHOWING BY THE RECLAMATION SERVICE.

Under the favoring hand of Franklin K. Lane, Secretary of the Interior, who takes a keen interest in the prosperity and development of the West, the Reclamation Service is doing great work this year.

Every dollar of the Reclamation Fund of about \$23,000,000 has been allotted to the twenty-five large irrigation projects that have been under way for several years, and they will be pushed to completion.

Among these great undertakings is the Rio Grande project, in New Mexico and Texas, which will water 180,000 acres of desert land. Its Elephant Butte dam across the Rio Grande River, 120 miles north of Del Paso, will cost \$5,000,000, be 300 feet high, and create a reservoir among the largest in the world—larger than any in Egypt or India. It will hold water enough to cover the State of Connecticut ten inches deep.

Another great undertaking in hand is known as the Boise project, to irrigate 243,000 acres in Idaho. Across the Boise River is being built the Arrowrock dam, to be 350 feet high—the highest dam in the world. It will store 230,000 acre-feet of water, which means water enough to cover 230,000 acres to a depth of one foot.

No doubt the Reclamation Service has made mistakes, and at times has exposed itself to just criticism, but on the whole, like the Panama Canal, its achievements afford a splendid demonstration of the efficiency of Government engineering work when free from political direction and control.

In American Forestry for June the accomplishments of the Service are thus summed up by its Statistician, C. J. Blanchard:

Up to June 30, 1913, the Reclamation Service had constructed about 8,000 miles of canals, several of which carry whole rivers.

It had built four of the great dams of the world. Its wagon roads have a mileage of 700, telephones 2,331, transmission lines 251, railroads 51.

It has purchased 1,532,544 barrels of cement and manufactured in its own plant 433,887 barrels. The total excavation of rock and earth on that date amounted to 99,245,768 cubic yards.

It employed, on an average, 7,616 men during the year.

In the past season its canal systems were prepared to irrigate 1,193,274 acres, and 641,397 acres were actually watered.

The crop returns amounted to nearly \$15,000,000, or an average of \$25 per acre.

The total net investment at the close of the fiscal year, June 30, 1913, was \$7,174,283.

The total irrigable area under present projects is slightly more than 3,000,000 acres.

That this is a most admirable showing the better may be understood when the reader is mindful of the fact that nearly all the land thus made productive by irrigation was originally desert or semi-arid in character, of little or no value without water.

The Federal Government never has spent money more wisely than in this reclamation of public lands by means of irrigation, thus providing many thousands of homes for actual settlers.

In a few instances, as at Orland, in the Sacramento Valley, the Reclamation Service has provided irrigation works for lands under private ownership, the cost to be repaid to the Government, without interest, as in the case of public lands, but these cases are exceptional. Their results, however, further the general purpose of the Reclamation Act—that of peopling the West.

Under the liberal policies adopted by Secretary Lane, there is good reason to believe the Iron Canyon project, for the irrigation of thousands of acres in the upper part of the Sacramento Valley, will yet be taken up by the Reclamation Service, when money becomes available for the purpose from its revolving fund.

In fact, that was one of the very first projects which the engineers of the Service desired to undertake, believing the results would make a highly creditable showing for the Reclamation Act.

Unfortunately, at that time the land-owners most concerned were not so sensible of the value of irrigation as they have since become.—Sacramento Bee.

The dry dock to be constructed at the Union Iron Works will soon be started. This means a great deal for San Francisco. Not only in the number of men it will employ, but in the basis it will make for shipping interests and a port for the Navy. The coming years look like they would be prosperous whether the prosperity dinners succeed in wishing prosperity on us or not.

The engineers of the Panama Canal must be congratulated on the fact that they have built the canal within the original estimates of unit costs—something very rare in work of this magnitude. The estimate of cost of dry excavation for the Culebra cut was 80 cents per cubic yard, and it was actually built at a cost of 78.18 cents. The estimate of \$8 per cubic yard for concrete in the locks was also above the actual cost, which was \$7.14 per yard at Gatun, \$5.89 at Pedro Miguel, and \$5.37 at the Miraflores locks. Dredging in the harbors and entrances was estimated at 25 cents per cubic yard. The actual cost was 23.25 to 25.52 cents per cubic yard.

Bricks and Brick Making.

Arthur E. Brown, B.Sc., London.

Reprinted from *Construction*.

The materials of which bricks are made are in every sense common and perhaps for this reason alone the trade of brickmaking is generally looked upon as a low grade and common one. The uninitiated man says and thinks bricks are easy to make. You dig a lump of common clay, put it into a heavy and ungainly looking machine made mostly of common cast iron, the wheels go round and out come bricks, which only require baking and they are ready for use in their millions. A simple proposition, indeed! Yet, I would remind you that immense sums of money have been lost, and very few fortunes made by this apparently simple business.

Clay, the staple material (not a mineral, by the way, in the legal sense), is found in many varieties in all parts of the globe, and the most important consideration of all in manufacture is the large bulk of material used and manipulated for a small ultimate return. The many varieties have as many various characteristics, and the problems of the business consist chiefly in discovering the best methods of utilizing these characteristics to the best advantage and overcoming those that are technically objectionable.

Geology.—Clays are found in two categories geologically, surface clays and geological deposits. The first named are those of more recent formation found in all parts of the world in comparatively shallow beds which have been deposited by ice, rivers or lakes in what is called the Pleistocene period. Such prehistoric remains as are found in them belong chiefly to the animal kingdom. There are not frequent, and consist usually of bones of large mammals.

The geological clays are of varying age. It may be sufficient to note further that clay in general is the product of the decomposition or disintegration of granitic or other igneous rocks and that all clays possess certain chemical and physical properties in common.

Chemistry.—It is frequently supposed that chemistry must play an important role in brickmaking. This is true, obviously to a certain extent, and in some branches of clay making its importance is great. In the more ordinary use of clay for brickmaking, chemistry is, however, of comparatively meagre value.

Chemistry tells us that clay is a compound of silica and alumina in fixed chemical proportions. It is what is called a hydrated silicate of alumina. Chemically, clay is this and this only, but in nature clays present almost infinite variety by reason of the presence of other substances. They contain free silica or sand in widely varying proportion. They contain also free oxide of iron, to which the red color of the Suffolk brick and the blue color of the Staffordshire blue brick are due.

They contain alkalis—potash and soda, refractory earths—magnesia and lime; many contain small quantities of

oxide of titanium, a so-called rare earth. These are all in comparatively small proportions, and whatever plastic clay we analyze it is found to contain somewhere in the neighborhood of 85 per cent of silica and alumina. Silica is sand. Alumina is the oxide of that peculiar light untarnishable metal aluminum, which has given chemists so much trouble to produce commercially, and metal workers so much trouble to handle and fashion for use. The few other materials found in clay have far less influence on the final product than does the varying physical condition of silica and alumina.

The presence of iron oxide has effect on the color, and the presence of lime also. The presence of lime and alkalis have marked effect on the fusibility of the clay under great heat. In these matters, chemical analysis is of assistance to us, but even so, practical examination will tell us all we need to know in these respects without analysis. The presence of water which can be measured by analysis interests us only when we turn to a physical examination of the properties of clay.

Physics.—Clay is unique, though to many it is only dirt, because it is the only substance found in nature possessing the property of plasticity, by virtue of which clay may be changed in form without breaking up or destroying its continuity, or may be joined without the use of any cement material. In nature, most clays are only in a semi-plastic state, and become quite plastic when water is added to them. The purer the clay the more plastic it is in the natural clay beds, provided the silicate of alumina is in a state of division sufficiently fine. It would seem that this important property is due to the fact that silicate of alumina can absorb water in large volume, at the same time becoming gelatinous and swelling up. It is this property that makes clay impermeable to water. From this explanation we can easily understand that when clay is dried and the gelatinous particles lose their water they become less in volume and shrink.

We all know that clay shrinks in drying because of the way clayey soil cracks in summer time. It is also pretty widely known that the more "sticky" the clay is the more it cracks when dried. This, it is apparent, is because it is purer and contains more of the gelatinous silicate of alumina in a given volume than a sandier clay or loam which shrinks less in drying. It will be clear, then, that a sticky or strong pipe or tile clay shrinks more in percentage than a sandy clay, but there is more in the matter than this. Given a sandy, less sticky or "milder" clay, the amount it shrinks in drying depends also on the shape and size of the sand particles. These are surrounded by the gelatinous material when wet, and at a certain stage in drying, they come so close together in the mass as to touch each other. Now, if the sand grains are rough and angular, their further movement is arrested, whereas if fine and round they can

slide on one another into still closer positions, and so shrinkage continues further.

When a clay with fine round sand grains dries, shrinkage goes on till arrested by the grains getting as close together as is possible, but still the gelatinous pure clay surrounding them goes on shrinking, with the result that spaces or pores begin to be formed in the mass, into which air enters. We thus arrive at another condition in which the pores formed in the clay gradually lose water throughout the whole mass. The size of these pores depending on the size and shape of the grains, we get two different states in different kinds of clay. The one is called porosity and the other permeability. They are only different degrees of the same thing, but they are interesting to the brickmaker because of the difference in quality of the brick produced and the different results obtained by different processes of manufacture.

All clays found in nature become porous when dried, but those with the larger angular grains are permeable even before drying. This peculiarity is of great importance in a building, for the striking reason that a permeable brick will better resist the weather and will also "breathe" or allow air to pass through the walls. This is easily understood and is illustrated by a simple proposition. Take a glass tube with a bore of say one-eighth of an inch, or a straw, and one can easily blow through it. But take the broken stem of a thermometer which has a very fine bore and it is not possible. The passage of water is of corresponding ease or difficulty.

Now I can well believe that my arguments may convince you that the permeable brick will let more air pass than the merely porous one, but you will say that the same applies to water. This is true, but two points even in this connection still indicate that the permeable brick is best for buildings. The first is that, provided the wall is not too exposed to constant driving rains, in which case it should be built hollow, the water dries out very rapidly when the rain stops. In our variable climate, the permeable brick will usually dry out completely between the rain periods and before any water has penetrated the wall, and will again let air through. The porous brick will not, because it takes proportionately longer to dry than it does to wet. The second point is the effect of frost. It is well known that water expands just before freezing. That is why it cracks our water pipes. The same thing happens inside a brick, but when the water in a permeable brick freezes, the holes are large enough to let the ice squeeze out when formed and no harm is done. In a porous brick (that is one with extremely fine pores) the ice cannot squeeze out for the same reason as you cannot blow through a minute tube, and so it bursts the face off the brick instead.

I must speak here in passing, of two kinds of brick in which the properties

of porosity and permeability are of quite a different nature. These are the bricks made by the semi-dry process of manufacture, of which more later. In one type the shale is pressed into shape in a nearly dry state and plasticity is not present at any stage of the process. When burned in the kilns no change of physical condition of the clay takes place. Shale is in the form of flakes, and the interior of the brick, therefore, is in an irregular condition with no direct uniform pores or tubes in it. Yet it contains a proportion of spaces with air in them. The outside surface is more compressed than the inside, and is smoothed or polished by the action of the steel moulds in which they are pressed. When, therefore, after a long exposure to wet, the interior becomes more or less soaked or sodden with water, frost will produce the same disastrous results as with the "porous" non-permeable brick, but in a still greater degree. And once the skin is broken further disintegration is still more rapid.

The second type is generally made by the semi-dry process, but on burning in the kiln the clay begins to melt and becomes vitrified. It is then practically impervious to water and suffers no harm in frosty weather. It is a good sound brick, but it does not breathe at all, and therefore possesses only one of the two important virtues of the brick that is perfect from the hygienic point of view. The permeable brick has a further virtue as it does not conduct heat and cold as much as the hard impermeable brick, and for all these reasons I venture to express the opinion that a sandy hand-made brick, besides being more artistic, is more lasting and more hygienic than any other type made.

Continuing my remarks on the physical properties of clay, I would call your attention to the fact that in the practice of brick drying and burning many technical difficulties arise and many interesting scientific principles are involved. In the use of the plastic method, a curious feature is seen in the difference of behaviour of surface clays and geological clays. The aim of manufacturers is to dry the newly made brick with the least possible injury to shape by twisting or cracking. It is found that a surface clay presents little difficulty in the early stages of drying, but is very apt to crack suddenly when about two-thirds dry. On the other hand, many geological clays are very liable to crack in the early stages, and yet give no trouble when about one-third dried. A similar difference exists in burning the different classes of clays. The surface clays do not shrink in burning unless over burned, but many geological clays shrink little in drying, and a great deal in burning. Some of these when burned behave curiously, in that you may get them up to full temperature in the kiln, and for twelve hours or so they do not contract. Then they begin to do so, and for forty-eight hours continue to shrink in a regular manner. Practice teaches the burners to measure this contraction, and when it reaches a certain amount they stop firing, because they know the goods will prove correctly fired. With the surface clays this does not occur, but the color of the goods is influenced by the length of time the full heat is kept up.

The burning of bricks presents many

other interesting features, chiefly in relation to the production of the final color required, but I must begin at the beginning of this branch of the subject. Clay contains a great deal of water, and speaking chemically, this water is present in three distinct conditions or states. A wirecut or handmade wet brick contains "water of manufacture," which is evaporated completely in the drying process. The brick is then no longer plastic, but is hard and solid. If now it is heated up to the boiling point of water, 212 degrees F., it loses more water called hygroscopic water. The water of manufacture may be from 33 to 50 per cent of the total weight of the wet brick. The hygroscopic water is about 5 per cent. The driving off of the hygroscopic water in the kiln is called steaming. If the brick which has been steamed is taken out of the kiln it will absorb water from the air until all the 5 per cent is back again in the brick, but it will not absorb any water of manufacture.

Up to this stage the clay can be made plastic again by wetting it. On continuing to heat up the kiln till it reaches about 900 degrees F., more water again is driven off. This is the water chemically combined with the silicate of alumina. It amounts to about 10 per cent of the weight of the dry brick, and when once it is driven off the plasticity of the clay is finally lost and cannot be restored. The clay has become brick, although at that temperature it is not sufficiently changed in chemical nature to remain permanent and solid. The heat must be raised to about 1,800 degrees F., to produce a well burned red brick, and still further for other types such as firebrick, which requires about 2,350 degrees F. temperature. Having considered the action of heat in burning clay we are still confronted with a number of other features of the process of burning.

Burning Processes.—There are roughly speaking, five distinct processes, each with special variations according to the qualities of the goods, and with a number of different types of kilns for use. The first and oldest process is clamp burning. The process is characterized by the mixing of the fuel with the clay before moulding the bricks. The fuel is usually sifted house dust, that is the contents of house dustbins freed from their old tins, cabbage leaves and other refuse till only the cinders are left. This fuel contains about 35 per cent of coke proper. The huge stacks of bricks containing this fuel intimately mixed with the clay have two or three layers of large cinders at the bottom, which are fired and serve to ignite the mass. The bricks are stacked closely and air gets access to them so gradually that the heat is generated slowly and more or less regularly throughout. A clamp may take from six weeks to three months to burn through and requires a great deal of expert attention to get good results. The air supply is so restricted that no more reaches the bricks than suffices to burn the fuel. None, therefore, is left over for the oxidation of the iron in the clay so that a yellow color instead of red results.

The burning of common bricks, red bricks, tiles and firebricks is carried on in kilns of a great variety of types, either fired with coal or gas. This I call the second process. A brick structure is built to contain the goods and

fire grates are constructed below or by the side of them on which coal is burned. The stages of the process of kiln burning are as follows: Steaming, raising the heat, soaking and cooling. The first two are the same in all types of kiln and all processes of burning. The soaking, however, is effected in two different ways. With red and most common bricks the soaking is done with a free burning fire and ample draught, so that a large volume of heated air plays on the bricks and oxidizes them thoroughly. With certain blue bricks the soaking process takes another form called smoking. An excess of coal is put on the fire and the air supply is reduced so that smoke fills the kiln.

In this, the third process of burning, we see a reproduction of what occurs in clamps. The air supply is insufficient to burn up the smoke in the kiln and the bricks are finished in an atmosphere that does not oxidize the goods but on the other hand, "reduces" the iron in them and produces a blue instead of a red color.

The fourth process is salting. This may be used for three different effects—fuming the brick and producing a silvery grey color, reducing the brick and so in another way getting the blue color, or salt-glazing the bricks or sanitary pipes. Salting is a simple operation and is done during the last few hours of full firing by throwing common salt into the fires. It becomes volatilized and the fumes pass over the goods in the kiln and form chemical compounds with the silica and alumina, which, in sufficient heat, fuse and form a more or less pronounced glaze.

The fifth burning process is that employed for high-class goods of various kinds, chiefly pottery and expensive tiles. They are placed in closed receptacles, either muffles or saggars, so that the flames and gasses of the fuel do not come in contact with them. This process is the only one that can be called baking in the ordinary sense of the word, the muffle or sagger being a true oven with a fire playing round it. It is not used in brickmaking.

One of the remarkable features of brick burning is that though much heat is expended on the process very little is actually used. It is nearly all thrown away. Raising the temperature of the bricks and driving off the hygroscopic and chemically combined water, uses heat in well-known quantities, but the process of turning clay into brick uses none. This is a physical fact hard to understand, but as I have hinted earlier in my lecture, the coal consumed in the process is considerable in quantity. For red bricks it is from 15 to 20 per cent of the weight of the burned goods in intermittent kilns. The way in which the heat produced by the coal is used is mainly in keeping the bricks at a high temperature till the necessary chemical action has taken place.

The principle of the continuous kiln is the using over again as much as practically possible of the heat wasted. Even in these the loss of heat by warm gases going up the chimney and more notably still the loss by conduction through the massive walls of the kiln is enormous and cannot economically be prevented.

Types of Clay.—The clays that in-

terest the brickmaker chiefly are the shales, marls and surface clays.

Shale.—Shales are almost always made into bricks by the semi-dry process, although the plastic process may be used. In Peterborough, where bricks are made from an oily shale, even the excavation of the shale is done with steam diggers on the largest works. The shale is brought straight from the bank to the machine, there to be ground to a granular condition. It is screened mechanically to the required fineness, mixed mechanically with a small amount of water if necessary, and then passed automatically into presses with rectangular cast-iron moulds for fashioning the brick. The pressing into brick form may be completed in one operation or the brick may be pressed a second time to improve its finish. Water in small proportion is necessary in order to obtain the cohesion of the fine particles or grains of shale. From the presses the bricks are taken straight to the kiln in which they are dried and burned in one continuous operation.

It is often stated that they are made dry and do not require drying. This is not true, but the amount of water in them is much less than in those made by plastic process, and they are sufficiently hard and strong to stack in position for burning direct from the presses. In the kiln they are dried first and burned afterwards continuously. In contrast to this, bricks made on the plastic system are too soft to be stacked in the kiln and must be dried first by one of the various means employed in the trade.

Marls.—They are so called because of the presence of carbonate of lime in varying quantity. Carbonate of lime or chalk has this peculiarity in connection with brickmaking, that when present in lumps or nodules it is exceedingly dangerous and destructive, unless effectively ground up or eliminated, but when in a fine state of division it is harmless. Marls rarely contain more than 5 per cent, but they require very careful selection and treatment, even when the proportion is much less. The carbonate of lime when not finely divided becomes converted in burning into quick lime, which slacks when the bricks absorb moisture from the air with the result that the face becomes pitted through the lime blowing pieces off the face. Yet clay exists containing as much as 40 per cent of carbonate of lime that may be made into sound bricks.

Marls are plastic clays and in common with gault and surface clays, when made into common bricks are treated by the wirecut system of brickmaking. The clay is dug and conveyed in wagons usually by a suitable hoist direct to the machinery. This may consist of a brickmaking machine only or preferably a train of machinery which gives a thorough preparation to the clay before it is finally pugged. This machinery may consist of all or either of three types. The grinding pan resembling a mortar mill is useful in working up a sandy non-cohesive clay to a more plastic condition than it possesses in its natural condition. The bottom of the pan is perforated in parts and the rollers squeeze the clay through the perforations causing it to drop into the next machine.

Again, the clay may instead be passed through one or more pairs of

rollers running at different speeds. These crush the clay, and any stones or lime contained in it, and at the same time tear it slightly by reason of their different speeds of running. From the pan or the rollers the clay may pass to a third type of machine, the mixer. This may be open or closed and have one or two revolving shafts. On the shafts are knives so inclined as to push the clay forward and mix it at the same time. The mixer may be about 6 feet long and horizontal in position. From the orifice at the end the clay drops into the hopper of the brick-making machine. If required, water is added to the clay either in the pan or the mixer, but never in the rollers, as it would cause the clay to slip.

The brickmaking machine usually has a small pair of rollers mounted on it through which the clay is forced into the barrel. This again is horizontal and is furnished with a single shaft, and pugging knives similar to those of the mixer. These knead and compress the clay and press in towards the mouth of the machine. At the end of the shaft a worm is placed which pushes the clay through the mouthpiece and die, and forms it into a continuous rectangular column of the correct cross section. The dimensions of the cross section correspond with the length and width of the brick allowance being made for the shrinkage in drying and burning about which I have already told you. The column of clay is now finally cut off by wires drawn transversely through it, the wires being spaced the necessary distance apart to give the correct thickness of the brick. From the cutting table the bricks are wheeled to the drying ground, shed or other apparatus in order to be thoroughly dried before being stacked in the kiln for burning.

Hand Brickmaking.—I now have, therefore, to give you finally some description of the older process of hand brickmaking, which holds its own in certain parts of this country, England, in spite of the great improvement of machines in the last thirty years. It is the process used in the days of the Babylonians, Egyptians and Romans, and was that used by the first brick-makers in England up to the middle of the 19th century. It is to all intents and purposes the process used for all artistic terra cotta making in which mechanical aids are almost useless. Yet, strange to say, it is looked down upon with scorn by the countries far advanced in mechanical appliances, Germany and America, while it is practiced almost exclusively in Belgium and Holland, and largely in France. The hand brickmaking process is used for making stock brick and red facings. The clay is usually prepared for making by weathering, that is, by being spread out in layers in the open air, so that air, rain and frost may in turn act upon it and loosen it after its long confinement in the natural bed. Weathering is practiced, as well as what is termed resting, on other clays, and although the effects of it are apparent and the causes guessed at, no definite knowledge has been obtained as to the reason it is so efficacious. Stony clays for hand-making are also washed, but those found free of stones do not usually need it. The weathered clay is pugged or ground, usually in vertical pugmills driven by horse or steam power. These mills are essen-

tially the same as the horizontal ones previously described and serve to mix the clay and incorporate the water and finally expel the mass in a condition fit for moulding.

Steel or wood moulds of the required size are wetted and rolled in fine dry sand and placed in position on the moulder's table. A "walk" of clay, as it is called, is then made by the moulder and rolled into a shape suitable for throwing into the mould. This walk is dexterously rolled in dry sand and, when ready, thrown with some force into the mould. The excess of clay is then struck off and the finished brick dropped carefully from the mould on to a pallet. The final result and effect depends on a variety of circumstances. The surfaces of the brick may be fine and uniform, or they may be wrinkled and coarse. The brick may be true and square or out of shape and deformed. These defects are due to the idiosyncracies of the moulder, who requires training carefully in the way he is wanted to go. The final color and appearance depend on the quality of the clay and sand used, the kind of kiln, the method of firing, and the final temperature and soaking; all matters requiring constant care and much technical knowledge. The drying is an operation also requiring unremitting attention, and all the various materials, operations and skill combine to yield the final product, which may or may not produce adequate returns according to the demand and the success of the master in supplying it.

The processes used in hand brickmaking are such as to afford to the clay the most perfect treatment from a physical point of view. The weathering, the slow pugging, the lengthy and complete drying, all tend to assist the clay molecules to adapt themselves to the altered conditions they encounter in their drastic change of state. At the same time, the ultimate result is not only sound physically, but it is in the highest degree artistic and durable, provided the processes of manufacture are all properly carried out. It is durable under all circumstances of environment: water, frost, sun, and fire all alike, leaving it unharmed and unchanged. That this is so, the old examples of brickwork in East Anglia and elsewhere eloquently testify.

History.—We all know that brick-making as an art is ancient and even prehistoric. The earliest bricks found in Egypt are said to be 12,000 years old, and we are often reminded that the Children of Israel had to make bricks for Pharaoh and find their own straw. These bricks were made of Nile mud mixed with chopped straw and the clay was trodden by men, much as it was up to quite recent times in this country. The bricks were moulded and sun-dried, but not baked and would have been of little use in our climate. They were hard and served to build lasting monuments in that arid country. The well-known Step pyramid of Sakkara is built of such bricks and was cased externally with marble slabs, now removed. It is the oldest pyramid in Egypt.

It is said that the Tower of Babel was built of brick, the record being that the builders said, "Go to, let us make bricks and burn them thoroughly." The walls of Babylon were built of bricks, and from the ruins the bricks have been carted away in modern days to build new cities. The burned ones were 13 inches square and

3 inches thick and the unburned ones of various sizes and they were set in bitumen. The great wall of China was built of burned and unburned bricks 2,000 years ago. It was 1,250 miles long and about 22 feet high. The walls of Athens on the side of Mount Hymettus were of brick, but the Greeks did not use them so much as the Romans, who were probably the first to burn them in kilns and improve their quality. In the first century A. D. they were of better quality than at any subsequent time, being then made about 2 feet square and 1 inch thick. Later they were made smaller and thicker, but by the end of the 4th century the art was practically lost until about the 13th century.

In England, as you well know, the Romans introduced bricks and brick-work in the 5th century, an example still remaining in Holy Trinity, Colchester, Colchester Castle, built in 1078, is largely of Roman bricks and also St. Botolph's Priory, built in 1176. The British people did not find the need of building in brick until the late 13th and early 14th century, because of the immense forests and abundance of wood, but they used clay as a filling between wooden external walls and board linings. Little Wenham Hall, built in 1260, is the earliest British building, the bricks being 9 1/2 by 2 1/2 by 2 1/2 inches, and mixed with courses of stone and flint. These and many of the bricks used in the Tudor period were probably imported from Holland. In late Tudor times terra cotta began to make its appearance, such as is found in Wolterton Manor House, East Barsham, built in the time of Henry VII. From Tudor times through the Renaissance period bricks continued to be used and after the fire of London in 1666, brick was generally used in the rebuilding of the city.

A great revival, however, occurred when mechanical manufacture became prevalent, and since that time one of the greatest booms in the use of bricks was witnessed in the revival of the Queen Anne style of architecture in the seventies and eighties. This was followed by the mushroom growth of the Fletton brick industry in the nineties, and a marvelous activity in the building trade about 1900, when bricks were in such demand that they fetched famine prices. The Transvaal War put an end to this activity, and for the last ten years such dullness has characterized the trade that I do not think more than one-third the number of bricks have been made annually.

You do not require to be told of the present vogue for the use of bricks of the Tudor type for facing buildings of all kinds. The genius of many of our great architects has found expression during the last few years in this ancient material in work that is characterized by greater variety and charm than is to be found in any previous style.

The sinking of ships and the loss of lives in the St. Lawrence river demonstrates that with all our modern improvements there are daily dangers from moving accidents by flood and field. Yet when one considers the millions of people that are daily traveling and fro over the world the small number of accidents in comparison to risks taken are very few indeed.

Plans desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$30,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the south side of Post street, 137 1/2 feet west of Polk, covering an area of 27 1/2 feet by 120 feet. There will be a total of twenty suites of two and three rooms, besides a large amusement room, auto storage basement and roof garden. Interiors will be finished in pine throughout except the entrance hall and lobby which will be finished in blue gum with marble wainscot. Plans provide for steam heat, an automatic elevator, hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with tapestry brick. Plans are nearly complete and figures will be called for in about one week.

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$45,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, G. A. Steffen. The building will be erected at the northwest corner of Taylor and Sacramento streets, and has been designed to contain a number of large apartments all of which will have private bath rooms and wall beds. Interior finish will be of pine and hardwood veneer with oak floors in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will be finished in pine and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$25,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, William A. McKee. The building will be erected on the north side of Bush street east of Leavenworth, having a frontage of 23 feet and a depth of 86 feet. There will be eight suites of two and three rooms, all of which will have private baths and wall beds. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water system. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 7 story and base, Class A construction, \$100,000 or more. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner's name withheld. The building has been designed for a high class apartment house in which each of the tenants will own an interest. There will be but six apartments in the building, the two upper floors containing but one apartment, and the other floors one apartment each. There will be

three baths to each floor. Basement will contain storage space for automobiles. Interiors will be finished to suit each tenant. There will be steam heat, passenger and service elevators, vacuum cleaning and a hot water supply. Bath rooms will be finished in tile and equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and segregated figures will be called for at once.

TACOMA, WASH.—Apartment house, 3 story and base, brick and steel, \$60,000. Architect, Bruce G. Humes, Tacoma. Owner, E. Hutchinson. The building will be erected at the corner of 13th and J streets. There will be nineteen suites of four and five rooms. Interior will be finished in pine and hardwood with hardwood floors. Plans provide for steam heat, elevator service and a hot water supply. All suites will have wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and the work will probably be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 4 story and base, Class C construction, \$42,000. Architects, Tiffl Bros., 3204 South Park avenue, L. A. Owner, Aristio McCrimmon. The building will be erected on W. 15th street, near Magnolia, and has been designed to contain a total of 81 rooms which will be arranged in two and three room suites. Interior finish will be of pine and hardwood. There will be steam heat, automatic elevator, a hot water system and vacuum cleaning. Bath rooms will be finished in tile with composition floors. All suites will have wall beds and private bath rooms. Exterior of the building will be faced with pressed brick. Plans are nearly complete.

BATH HOUSE.

SAN RAFAEL, MARIN CO., CAL.—Bath house mechanical equipment. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. All bids received for the mechanical equipment for the new Municipal Bath House at San Rafael have been rejected as being above the amount available for the installation. A contract for the steel tank for the baths was awarded to the Des Moines Bridge and Iron Works at \$3,290. The following is a list of the bids received for the mechanical equipment:

Kiernan & O'Brien	\$11,533.00
Victor Eng. Co.	11,325.00
J. E. O'Mara	10,750.00
American Machine Works ...	9,999.99
Pacific Fire Extinguisher Co.,	10,383.00
Peterson-James & Co.	9,500.00
J. C. Hurley Co.	8,960.00

BONDS.

TULARE, Tulare Co., Cal.—The Tulare Power Company is planning improvements and extensions with a bond issue of \$1,000,000.

REPELIS, Wash.—Bonds for \$36,000 for a two-story stone addition to the present high school building were

authorized at a special election held here.

PALO ALTO, Santa Clara Co., Cal.—A bond issue voted here on June 25th was defeated. Election was held for the purpose of raising funds for the establishment of recreation grounds and for the purchase of a lot upon which to build an addition to the present library. This was the second election called. The vote was as follows: Recreation Park, 500 for the issue and 463 against; Library Lot, 504 for and 453 against.

KIRMAN UNION HIGH SCHOOL DISTRICT, Fresno Co., Cal.—The proposition to bond the school district for \$10,000 will be held here for the second time on July 20th. Funds will be used in the erection of a school building and equipping same.

ENCINAL, Sutter Co., Cal.—July 25th has been decided upon for the second bond election in this school district to raise \$5,000 to build a new school building. The first election, held June 15th, failed by three votes of the necessary two-thirds.

PAYRAN SCHOOL DISTRICT, Sonoma Co., Cal.—Bonds in the sum of \$3,000 were voted here and carried by a vote of 21 to 5. The bonds are to be in denominations of \$600, and are to run for a period of five years.

NEWARK SCHOOL DISTRICT, Alameda Co., Cal.—An election will be held here on July 21st for the purpose of voting \$25,000 in bonds to be used in the construction of a new school building, the purchasing of additional grounds for the district and the supplying of the new school building with the necessary apparatus.

OREGON CITY, Ore.—The returns of an election held here of a bond issue, funds to be used for the erection of a high school building, carried. Bonds in the sum of \$14,000 were voted.

MARSHFIELD, Ore.—The voters of the Libby School District have voted bonds amounting to \$4,000 for the erection of a school building.

WARRENTON, Ore.—Bids will be received by the Water Commission of this city until August 3rd for the purchase of \$150,000 municipal bonds. The bonds are to be issued in denominations of \$100 to \$1,000, to suit, and payable in twenty years at 6 per cent.

HOOD RIVER, Ore.—At a special meeting of the County Court here July 15th was set for the special election to vote on the \$75,000 Columbia Highway bond issue.

BRIDGES AND DAMS.

MADERA, MADERA CO., CAL.—Bridges, 9, steel and reinforced concrete. Cost not stated. Engineers, Leonard & Day, Rialto Bldg., S. F., and Post & Thomas, Los Angeles. Owners, Madera County. The Supervisors of Madera County, after a continuous three-day session, adopted plans for nine new county bridges which will replace those washed out last year. Five of the new bridges will be designed by Engineers Leonard & Day, Rialto Bldg., S. F., and four by Post & Thomas, of Los Angeles. The bridges to be built will be located as follows: Two over Cottonwood Creek, one on the county road and the other on the State Highway; one on the first slough south of Berenda; second slough south of Berenda; county highway at Walter's creek; county highway at Pine Gold; Berenda slough south of Chow Chilla; Ash creek, and one other.

KNIGHTS LANDING, COLUSA CO., CAL.—Drainage ditch, \$800,000. Engineer's name not given. Owners, Knights Landing Drainage District. Directors of the Knights Landing Drainage District, embracing 72,000 acres in Colusa County, have voted to construct a ditch connecting the Yolo Basin By-Pass with the Colusa Basin. Four large dredges will be employed. The work has been estimated to cost \$800,000, and funds have been secured.

SAN JOSE, SANTA CLARA CO., CAL.—Culverts, 3, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. These three road culverts will be erected in the Fifth Road District. Plans are complete and figures are now being taken. Bids will be opened on July 20th. Plans and specifications can be secured from the County Surveyor.

JACKSON, WYO.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, U. S. Reclamation Service, Boise, Idaho. Owners, United States Government. Plans have been completed for a steel truss bridge to be erected over the South Fork of the Snake River near Jackson. There will be three spans of 130 feet each with timber and concrete approaches. Bids are now being taken and will be opened on July 22nd. Plans can be secured from the United States Reclamation Service at Boise, Idaho.

RICHMOND, CONTRA COSTA CO., CAL.—Bulkhead and retaining wall, timber and concrete construction. Cost not stated. Engineers, Haviland & Tibbitts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Plans and specifications for a portion of the bulkhead and retaining wall work for the Outer Harbor project at Richmond have been completed and approved. Bids are now being called for and will be opened on July 20th. Plans and specifications can be obtained from the engineers. An official proposal for the work appears in another column of this issue.

CHICO, BUTTE CO., CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, County Engineer M. C. Polk, Chico. Owners, City of Chico and Butte County. County Surveyor M. C. Polk of Chico has plans nearly complete for a new steel and reinforced concrete bridge to be erected over the Big Chico creek at the intersection of Main and Esplanade in Chico. Plans will be submitted to the Board of Supervisors for approval at their next meeting and bids will be called for shortly.

Contracts Awarded.

MARE ISLAND, CAL.—Dike reinforcement, earth and concrete, \$29,837. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Contractors, Thomson Bridge Co., S. F. Contract price, \$29,837.

SAN FRANCISCO—Pier construction, \$386,300. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$386,300. Note: A complete list of the figures opened by the State Board of Harbor Commissioners for this work will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Ferry slips, concrete, \$91,700. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Own-

ers, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$91,700. Note: A complete list of these figures will be found under the heading of San Francisco in this issue.

MARTINEZ, CONTRA COSTA CO., CAL.—Wharfage, timber construction. Cost not stated. Engineer, Engineering Department Standard Oil Company. Owners, Standard Oil Co. Contractors, Hyde-Harjes Co., S. F. Contract price not stated.

CHURCHES.

SEBASTOPOL, SONOMA CO., CAL.—Church, 1 story, frame and plaster, \$1,200. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, St. Mark's Mission, Rev. Ernest Bradley. The building will be designed in the Mission style and will contain besides the auditorium a large Sunday school room. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, frame and plaster, \$15,000. Architect, C. Ben Sholes, Long Beach. Owners, Second Presbyterian Congregation. The building has been designed in the Mission style. There will be a large auditorium and Sunday school rooms. Interior will be finished in pine with some ornamental plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and work has been started by Day Labor.

COURT HOUSES.

SEATTLE, WASH.—Court house, 3 story and base, concrete, steel and stone, \$906,973. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, City of Seattle. Contractors, Puget Sound Bridge and Dredging Co., Central Bank Bldg., Seattle. Contract price, \$806,973. Note: A proposition to build two additional stories is still under consideration, and a decision of the matter is expected within a week or ten days.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—City hall, 1 and 2 story, brick, \$14,000. Architect, George W. Eldridge, Marsh-Strong Bldg., L. A. Owners, Town of Huntington Park. The building will contain the council chamber, offices for the city heads and fire department. Interior will be finished in pine. There will be fireproof vaults. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Warehouse, 1 story, frame and corrugated iron, \$10,000. Architect, none. Owners, Nevada Mineral Paint Co., 525 O'Farrell street, S. F. The building will be erected at the northeast corner of 40th and the Key Route tracks, covering a considerable ground area. Special machinery will be installed. No interior finish will be used. Exterior will be covered with corrugated iron. Plans are complete and in the hands of the owners who are now doing the work by Day Labor.

PORTLAND, ORE.—Stables, 2 story and base, reinforced concrete, \$50,000.

Architect, Bureau of Buildings, Portland. Owners, City of Portland. The buildings will be erected at the corner of 16th and Jefferson streets, and will cover a large ground area. Plans provide for the most modern equipment. There will be special electric work. Exterior will be faced with cement plaster. Plans are now being prepared.

SEATTLE, WASH.—Factory and warehouse, 9 story and base, reinforced concrete, \$850,000. Architect, George C. Minmons, People's Gas Bldg., Chicago, Ill. Owners, Sears-Robuck Co., Chicago. A large site adjoining a building on Utah street now occupied by the owners has been secured and a class A structure covering an area of 240 by 330 feet will be erected. A portion of the building will be used for a factory and the balance for warehouse and store purposes. There will be reinforced concrete walls, floors and roof slabs. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning system and spiral chutes. Metal window sash and frames are specified. Exterior will be faced with cement plaster. Plans will be completed within two months and figures will be called.

VISALIA, TULARE CO., CAL.—Ice plant, 1 story, brick and steel, \$30,000. Architect's name not given. Owners, Visalia Manufacturing Co., S. J. Scott, Mgr., Visalia. S. J. Scott, manager of the Visalia Manufacturing Co., at Visalia, states that construction of a \$30,000 ice plant having a daily output of 20 tons is assured. Construction of the building and installation of the machinery will be started early in the fall.

LOS ANGELES, CAL.—Warehouse repairs, 3 story and base, brick, \$20,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Montague Estate. The building recently damaged by fire will be repaired at a cost of \$20,000. The work will require new floor joists, interior partitions, steel columns and girders, window sash and frames and Kinnear doors. Exterior will be faced with stock brick. Plans are now being prepared.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Packing plant, 1 story and base, reinforced concrete, \$30,000. Architect, R. F. Felchlin, Fresno. Owners, Roeding Packing Co., Fresno. Contractor, R. F. Felchlin, Fresno. Contract price, \$30,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Jail and City Morgue lighting fixtures. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for furnishing and installing lighting fixtures in the City and County Jail and in the new City Morgue. Bids will be opened by the Board of Public Works on July 8th. Plans can be secured from the City Department of Architecture.

SOUTH PASADENA, LOS ANGELES CO., CAL.—Fire house, 2 story and base, brick, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Town of South Pasadena. The building will contain the mar-

shall's office, telephone exchange and space for one piece of apparatus in the first floor. Upper floor will be arranged for a lounging room and apartments for the men. Interior finish will be of pine. There will be steam heat and modern plumbing. Exterior will be faced with enameled brick. Plans are being prepared.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, L. Traverson, 351 Union street, S. F. Owner, A. Boschetti, 530 Green street, S. F. The building will be erected on the west side of Grant avenue near Lombard, and will have a frontage of 25 feet by a depth of 51½ feet. There will be three modern flats of four and five rooms. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have composition floors. Entrance will be finished in tile and terrazzo. Exterior of the building will be covered with rustic. Plans are now being prepared and the work will probably be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Mare Island, Reinforcing Dike No. 12. The bid of the Thomson Bridge Company, San Francisco, Cal., amounting to \$29,837, has been accepted for the reinforcement of dike No. 12 at the Mare Island navy yard.

PEARL HARBOR, HAWAII—Industrial buildings, 5, 1 and 2 story, frame and concrete. Cost not stated. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Five new industrial buildings will be erected at the Naval Training Station at Pearl Harbor. Plans for this work have been completed and are now out for figures. Bids will be opened in Washington on August 15th. Plans and specifications can be secured from the Bureau of Yards and Docks. An official proposal appears in another column of this issue.

INDUSTRIAL BUILDINGS—5 1 and 2 story, frame and concrete. Cost not stated. Pearl Harbor, Hawaii. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Five new industrial buildings will be erected at the Naval Training Station at Pearl Harbor. Plans for this work have been completed and are now out for figures. Bids will be opened in Washington on August 15th. Plans and specifications can be secured from the Bureau of Yards and Docks. An official proposal appears in another column of this issue.

HALLS & SOCIETY BLDGS.

ASTORIA, ORE.—Club house, 2 story and base, reinforced concrete and brick \$25,000. Architects, MacNaughton & Raymond, Title Trust Bldg., Portland. Owners, Young Men's Christian Association. The building has been designed to contain the offices of the organization, a large gymnasium, swimming tank, library, social hall, auditorium and dormitories. Interior finish will be of pine and hardwood with maple floor in the gymnasium. Plans provide for steam heat, a hot water system and vacuum cleaning. Exte-

rior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—City Hall, 4 story and dome. Class A construction, \$1,500,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the last regular meeting of the Board of Public Works for the interior stone work show Larsen-Sampson Co. low at \$187,500, and The Mission Marble Works low at \$26,043 for the marble steps, stairs and bases. Contracts will probably be awarded these firms. A complete list of the bids received will be found under the heading of San Francisco in this issue.

HOSPITALS

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$35,000. Architect, John Baur, Sheldon Bldg., S. F. Owners, San Francisco Home for Incurables. This building has been mentioned here a number of times before, and will be erected at the northeast corner of Wood and Point Lobos avenue. Plans have been revised and figures taken. Bids are now in the hands of the architect and a contract will be awarded this week.

HOTELS.

SAN FRANCISCO—Hotel alteration, 2 story, frame, \$4,000. Architect, none. Owner, Charles Katz, 1200 Dolores street, S. F. The present two-story frame store and loft building located on Mission street south of 17th will be altered so that the second floor may be occupied by a hotel. The work will include interior finish, plastering, electric work and plumbing. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Hotel alterations, 2 story and base, brick, \$20,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteus. The present building located at the corner of Tulare and I streets will be altered into a modern store and hotel structure. There will be six stores on the first floor and in the neighborhood of 54 guest rooms and several baths on the upper floor. Work will require new plastering, painting, plumbing, plastering and electric work. Exterior will be faced with pressed brick. Plans provide for patent store fronts. Plans are now being prepared.

Contracts Awarded.

ONTARIO, SAN BERNARDINO CO., CAL.—Hotel, 2 story and base, concrete and frame, \$35,000. Architect, none. Owners, Ford Bros. Contractors, Butler Bros., Mason Bldg., L. A. Contract price, \$35,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Scintillator pier, timber construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been revised and new figures are now being called for on the construction of a scintillator pier on the Exposition grounds. Plans and specifica-

tions can be secured from the Director of Works. Bids will be opened on July 9th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Exhibit building, 2 story, frame, and plaster. Cost not stated. Architect's name not given. Owners, Cuban Government, represented by General Enrique Lora del Castillo, Palace Hotel. Plans for this work have been out for figures for the past week and bids will be opened on July 7th. Construction will be carried on under the direction of the Director of Works of the Exposition Co. An award of contract will probably be made this week.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster, \$30,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Bids opened in Oakland for this work show Lester H. Stock, 12 Geary street, S. F., low at \$29,500. A number of bids were also received in Honolulu, the result of which is not known in this city. An award of contract will probably be made shortly. A complete list of the bids opened will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Court of the Universe, 1 story, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for the construction of this building show Strehlow, Freese & Peterson low at \$53,000. They will probably be awarded the contract. A complete list of the figures will be found under the heading of San Francisco in this issue.

CON AWARD keleya
SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Republic of Bolivia, represented by Carlos Sanjines, Russ Bldg., S. F. Contractor, William Martin, 110 Jessie street, S. F. Contract price, \$22,000.

SAN FRANCISCO—Exhibit building, 1 story, frame and plaster. Cost not stated. Architect's name not given. Owners, American-Norwegian Associations. The local organizations of the Norwegians in California have taken up the matter of erecting a suitable building to represent their country at the Panama-Pacific Exposition. C. L. Wold, a well-known San Francisco contractor, has been made chairman of the committee of building and plans.

RAILROAD CONST. STATIONS AND EQUIPMENT.

TACOMA, WASH.—Freight sheds and tracks, concrete construction, \$345,000. Architect, Engineering Dept. Northern Pacific R. R. Co., Tacoma. Owners, Northern Pacific Railroad Co. Work will be started at once on the construction of a new freight yard and freight sheds at Tacoma. Construction will be fireproof throughout. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

TACOMA, WASH.—Freight sheds, 1 story, reinforced concrete, \$100,000. Architects, Engineering Dept. Oregon-Washington R. & N. Co., Portland. Owners, Oregon-Washington Railroad and Navigation Co. A large building will be erected on the Tide Flats, covering an area of 80 by 350 feet. Con-

struction will be fireproof throughout. No interior finish is specified except in the office portion of the building. Exterior will be faced with cement plaster. Plans are complete and figures are now being taken by Chief Engineer J. R. Holman of Portland.

LOS ANGELES, CAL.—Elevated system, \$500,000. Engineer, Engineering Department of the Pacific Electric Railways Co., Pacific Electric Bldg., L. A. Owners, Pacific Electric Railways Co., L. A. A franchise has been granted this company to construct an elevated system from the Pacific Electric Building to San Pedro street via Maple avenue. Plans were prepared about a year ago.

SAN DIEGO, CAL.—Railroad construction, \$3,000,000. Engineer, Engineering Department San Diego Electric Railway Co. Owners, San Diego Electric Railway Co. The company has applied to the Railroad Commission for permission to issue \$4,484,000 worth of bonds. About \$3,000,000 will be expended in new work as follows: Addition to power plant and equipment, new car barn, terminal station at the Exposition grounds, three bridges, \$71,000, paving \$25,874, tract construction \$288,489 and grading and balast \$160,000.

LOS ANGELES, CAL.—Passenger station, 1 story, reinforced concrete. Cost not stated. Architect, none. Owners, Salt Lake Railway Co. J. Ross Clark, president of the Salt Lake Railway Company, has announced that a new passenger station will be erected by the company in Los Angeles at once. It will be located on the land recently acquired along the river and including the site of the present station. The cost of the building has not been fixed.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story and base, frame, \$11,000. Architect, Edward L. Holmes, 338 Pine street, S. F. Owner, Mrs. Hilmyer Brown, 125th avenue, S. F. The building will be erected on the north side of Sea Cliff avenue between the northerly end of 25th avenue and the Pacific Ocean, and has been designed to contain twelve rooms and three baths. Interior will be finished in redwood with red southern gum in living and dining rooms and reception hall. Exterior will be covered with cement plaster on metal lath. Plans provide for furnace heat and brick fire places. Baths will have tile wainscot and composition floors. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame and plaster, \$25,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto, S. F. The building will be erected on Washington street and will cover a considerable ground area. Interior will be finished in pine and hardwoods. An automatic water heater will be installed. There will be furnace heat and open fire places. Exterior of the building will be covered with cement plaster on metal lath. Baths will have tile wainscot and composition floors. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,500. Architect, A. J. Lath, Russ Bldg., S. F. Owner, Benj. Wertheimer. The building will be erected on the west line of Common-

wealth avenue between Geary and Euclid streets, and will contain ten rooms with two baths. Interior will be finished in pine with some hardwood floors. There will be furnace heat and open fire places. Baths will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Brick or tile mantels will be specified. Plans have been prepared and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, E. J. Lloyd, 1057 Walker avenue, Oakland. The dwelling will be erected on the north side of Fairbank avenue east of Walker, and will contain seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Exterior of the building will be covered with plaster. There will be furnace heat and open fire places. Tile mantels are specified. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, John R. Hodge, 1749 16th avenue, Oakland. The building will be erected on the west line of 16th avenue south of 19th street, and has been designed to contain eleven rooms and two baths. Interior will be finished in pine. Brick mantels will be used. There will be furnace heat and open fire places. Exterior of the dwelling will be covered with cement plaster. Plans have been prepared and the work will be done by Day Labor. Materials are now being purchased and work will start immediately.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Mrs. G. M. Rowell. The building will be erected on the corner of Parker and Etna streets. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Brick mantels are specified. Exterior of the building will be faced with cement plaster on metal lath. Tile wainscot and composition floors will be used in the bath room. Plans are now being figured.

HILLSBOROUGH, SAN MATEO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner, George H. Shreve. The building will be erected on Santa Inez and Mifford avenues, and has been designed to contain a large number of rooms and baths. Interior of the dwelling will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. An automatic water heater will be installed. Mantels will be of tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being figured.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: C. S. Rea, San Jose, 1 story, frame, \$1,500; S. B. Druck, San Jose, 1 story, frame, \$1,500; Mrs. E. C. Ferguson, San Jose, 2 story, frame, \$2,000; O. P. Sider, 1009 East Santa Clara, 1 story, frame, \$1,000;

Alex Consolacion, 1 story, frame, \$800.

SACRAMENTO, CAL.—Residence, 1 story, frame, \$2,800. Architect, none. Owner, W. B. Pink, 1027 H street, Sacramento. The building will be erected on Humboldt avenue between E and F streets, and will contain five rooms and bath. Interior will be finished in pine. Hardwood floors will be used in the living and dining rooms. An automatic water heater will be installed. Exterior of the building will be faced with cement plaster. Plans have been prepared and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, G. J. Downing, 1590 Sacramento street, S. F. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Harvey Patridge Smith, Blake Bldg., Oakland. Owner, P. O. Boyd. The dwelling will be erected in the Royd Tract and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood with some oak floors. There will be furnace heat and open fire places. Mantels will be of tile. There will be tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$3,000 each. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. These two houses will be erected in the Northbrae District, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be large open fire places and tile or brick mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

PORTLAND, ORE.—Residence, 2 story and base, brick and stone, \$25,000. Architects, Whitehouse & Foulhouse, Wilcox Bldg., Portland. Owner, C. G. Murphy, Fenton Bldg., Portland. The dwelling will be erected in King's Court, and has been designed for a twelve-room house with three baths. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. Plans provide for steam heat, a hot water system and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the build-

ing will be faced with pressed brick and cut stone. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Needham & Cline, Brockman Bldg., L. A. Owner, Dr. C. E. Cline. The house will be erected in Brentwood Park, and has been designed to contain fifteen rooms, four baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood with hardwood and inlaid floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOLS.

SAN FRANCISCO—Polytechnic school furring and lathing. Cost not stated. Temporary City Hall, S. F. tecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last regular meeting of the Board of Public Works for the metal lathing, furring and studs for the Polytechnical School show the Holloway Expanded Metal Co. low at \$19.492. They will probably be awarded the work. A complete list of these figures appears under the heading of San Francisco in this issue.

BERKELEY, ALAMEDA CO., CAL.—College tennis courts, frame construction. Cost not stated. Architect, none. Owners, Regents of the University of California. Bids will be opened on July 11th for constructing new tennis courts and building at the University of California. Plans and specifications can be secured from the Comptroller of the University at Berkeley. An official proposal for the work appears under another heading in this issue.

PITTSBURGH, CONTRA COSTA CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburgh School District. The time for opening bids on the work has been extended until July 15th at 7 p. m. The building will contain 12 class rooms, an auditorium and teachers' rooms. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning and program clocks. Segregated figures are being taken. Plans and specifications can be secured from the architect.

SANTA CRUZ, SANTA CRUZ CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Santa Cruz Union High School District. Bids opened for this work show Peterson & Wilson, S. F., low on the general construction at approximately \$13,800; Sengrini Bros., Santa Cruz, low on the plumbing, \$1,254.50, and J. C. Hurley, S. F., low on the heating and ventilating at \$6,685. Contracts will probably be awarded these firms. A complete list of the figures will be found under the heading of San Jose and the Santa Clara Valley in this issue.

FRESNO, FRESNO CO., CAL.—School, 1 and 2 story, reinforced concrete. Cost not stated. Architects, Glass & Butler, Rowell Bldg., Fresno. Owners, City of Fresno. Plans have been completed for the first of the large new

schools which are to be erected in Fresno from the proceeds of the \$150,000 bond issue. This building will be erected at the corner of Merced and C streets, covering a large ground area. Construction will be dropfoot. Exterior will be faced with cement plaster or pressed brick. Plans have been approved and figures will be opened on July 24th. Further mention will be made of the work.

PORTLAND, ORE.—School, 1 story. Follow the construction, \$36,000. Architect, F. A. Naramore, Supt. of School Properties, Portland. Owners, City of Portland. The building will be erected on the East side, only one unit at this time. There will be eight class rooms finished in pine with maple floors. Plans provide for steam heat, a program clock system and vacuum cleaning. Exterior will be faced with cement plaster. Plans are being prepared.

ALBANY, ORE.—School, 2 story and base, brick and reinforced concrete, \$50,000. Architect, Charles H. Burggraf, Albany. Owners, City of Albany. The building has been designed to contain twelve standard sized class rooms, assembly hall, library, principal's office and domestic science and manual training departments. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. There will be steam heat, a vacuum cleaning system, program clocks and modern school plumbing. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for in about 20 days.

EL SEGUNDO, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$12,000. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, El Segundo School District. The building has been designed to contain four rooms and an assembly hall. Interior will be finished in pine throughout. There will be modern school plumbing. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SANTA ANA, ORANGE CO., CAL.—School, 1 story and base, reinforced concrete, \$55,000. Architect, J. Flood Walker, Santa Ana. Owners, La Habra School District. The building has been designed in the patio style, covering a ground area of 111 by 196 feet. There will be six class rooms, library, principal's office and teachers' room. Interior will be finished in pine with maple floors in the principal rooms. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

GLENDALE, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$40,000. Architect, C. S. Westlake, 1458 Oak street, Glendale. Owners, Town of Glendale. The architect has just been commissioned to prepare plans for the new school buildings to be erected at Glendale under the recent bond issue of \$87,000. About \$40,000 will be available for new work, the remainder of the bond issue to be used for the purchase of new sites. The plans for a four-room addition to the Third Street Intermediate School and a two-room addition to the Casa Verdugo school are practically completed and work will be started as soon as possible. Plans are also to be prepared for a six-room building to be erected in the southwest section of the city and for a four-room building in the northeast section but

will not be started until the board of trustees has selected the sites. The buildings will be of brick construction.

TUSTIN, ORANGE CO., CAL.—School, 2 story and base, brick and concrete, \$10,000. Architects, Elwing & Tedford, Orange County Savings & Trust Bldg., Santa Ana. Owners, Tustin School District. The building will contain ten class rooms, office, auditorium, library and manual training and domestic science departments. Interior finish will be of pine with maple floors in the class rooms. Plans provide for furnace heat. There will be modern school plumbing, program clocks and vacuum cleaning. Exterior will be faced with pressed brick. Plans are complete and bids will be opened on July 18th.

Contracts Awarded.

BEVERLY HILLS, LOS ANGELES CO., CAL.—School, 1 story, reinforced concrete, \$20,000. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owners, Beverly Hills School District. Contractors, Lepper & Laisy, Builders' Exchange, L. A., general construction, \$18,916.

RIVERSIDE, RIVERSIDE CO., CAL.—School, 1 and 2 story and base, hollow tile construction, \$15,000. Architects, Allison & Allison, Ilhberian Bldg., L. A. Owners, Corona School District. Contractor, George A. Daniels, 916 Herkimer avenue, Pasadena, general construction, \$56,998; Machinery and Electric Co., L. A., heating and ventilating, \$1,987; C. E. McPeak, Glendale, plumbing, \$2,190.

GUSTINE, MERCED CO., CAL.—School, 2 story and base, Class C construction, \$25,000. Architect, Ernest J. Kump, Fresno. Owners, Gustine School District. Contractors, Trewitt & Shields, Fresno. Contract price, \$23,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Municipal asphalt plant. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Power Equipment Co. submitted the lowest figure at \$21,250 for furnishing the mechanical equipment for the Municipal Asphalt Plant, and will probably be awarded the contract. A complete list of the figures will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Power station, 1 story and base, Class A construction, \$60,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. Plans are being prepared for a new switch station which will be erected in the Potrero District for the Pacific Gas and Electric Company. The building will cover a considerable ground area, and will have a complete steel frame with concrete floor and brick exterior walls. Special equipment will be furnished by the company. Exterior will be faced with pressed brick. Plans are being prepared.

SACRAMENTO, CAL.—Sewage station discharge pipe. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids will be opened on July 9th for furnishing and erecting a discharge pipe for the new sewage pumping plant known as Station No. 2. Plans and specifications can be secured from the City Engineer.

RED BLUFF, TEHAMA CO., CAL.—Paving plant. Cost not stated. Engineer, none. Owners, Chico Construction Co. President Perley, of the Chico Construction Co., states that an order will be placed at once for a complete new street paving plant to replace the one recently destroyed by fire at Chico. The new plant will be constructed at Red Bluff where the company has a large paving contract about to start.

NAVY YARD, PUGET SOUND, WASH.—Exciter. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on July 25th for furnishing and installing a 10 kilowatt turbine-driven exciter in the central power plant at the Puget Sound Navy Yard. Plans can be secured from either the Bureau of Yards and Docks at Washington, D. C., or from the Commandant at the yard. An official proposal appears in another column of this issue.

SACRAMENTO, CAL.—Sewage pumping plant and equipment. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Ambrose & Teichert, Oschner Bldg., Sacramento, were the lowest bidders for constructing the one-story reinforced concrete building at \$19,150, and the Power Equipment Co., S. F., put in the lowest bid for furnishing the mechanical equipment at \$38,400. These firms will probably be awarded the work.

SAUSALITO, MARIN CO., CAL.—Sewer construction. Cost not stated. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. Bids will be opened on July 13th at 8 p. m. for constructing sewers in Sections A, B, and C. Plans and specifications can be secured from the City Engineer. Separate proposals must be submitted for each section of the work together with unit prices.

MILK RIVER IRRIGATION PROJECT, MONT.—Riveted steel pipe. Cost not stated. Engineers, United States Reclamation Service, Boise, Idaho. Owners, United States Government. Bids will be opened on July 22nd for furnishing a quantity of riveted steel pipe for the Milk River Project. Full particulars can be secured from the engineers at Boise. An official proposal appears in another column of this issue.

BAKERSFIELD, KERN CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The Board of Trustees has instructed the City Engineer to prepare plans for a complete sanitary sewer system for East Bakersfield. Bids will be called for shortly.

BAKERSFIELD, KERN CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be called for at the next meeting of the Board of Trustees for construction of sewers in Districts Nos. 21 and 22.

Contracts Awarded.

SANTA ROSA, SONOMA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, City Improvement Co., S. F. Contract price, 15¢ per square foot.

SAN RAFAEL, MARIN CO., CAL.—Street paving \$101,000. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Contractors, Clarke-Henry Co., Sacramento. Contract price, \$194,000.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office alterations, Class A construction, \$6,000. Architect, R. V. Cobhy, 333 Grant avenue, S. F. Owners, Pacific States Tel. and Tel. Co. This work will include plumbing and plumbing fixtures, plastering and metal lath partitions, painting and mill work. The upper floor of the company's building on Grant avenue is to be arranged for a cafeteria for the employees. Plans are complete and work will be started at once. Part of the work will be carried on by Day Labor and part let by contract.

OAKLAND, CAL.—Stores, 1 story, frame, \$3,000. Architect, H. K. Lovell, South Berkeley Bank Bldg., Berkeley. Owners, Price Bros, 458 Alcatraz avenue, Oakland. The building will be erected at the northwest corner of Oakgrove and College avenues, and will contain three modern stores. Interiors will be finished in pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

DAVIS, YOLO CO., CAL.—Stores and offices, 2 story and base, brick, \$23,000. Architect's name not given. Owner, J. B. Anderson, Contractor, C. J. Guth, Davis. Contract price, \$23,000.

SAN FRANCISCO—Stores, 1 story and base, Class C construction, cost not stated. Architect, none. Owner, Dr. J. O. Hirschfelder. Contractor, James L. McLaughlin, 211 Kearny St., S. F. Contract price not stated.

THEATRES.

OAKLAND, CAL.—Theater, 1 story and base, Class C construction, \$14,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cardinal Bros. The building will be erected at the northwest corner of 12th and Kirkham streets, and has been designed to contain a modern motion picture theatre and one store. There will be a cement floor, metal lath and plaster partitions and special electric work. Interior will be finished in pine and ornamental plaster. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

SANTA ROSA, SONOMA CO., CAL.—Theatre and stores, 2 story and base, Class A construction, \$50,000 to \$60,000. Architect, Lewis Cowles, Santa Rosa. Owners, represented by J. M. Whittingham, Santa Rosa. The building will be erected at the corner of 4th and A streets and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame, concrete and brick exterior walls and fireproof partitions. The theatre will have a seating capacity of 1,200 people and will contain a completely equipped stage large enough to handle the best road shows. Interior of the auditorium will be handsomely finished in pine and ornamental plaster. Besides the theatre proper the ground floor will be arranged for a number of stores. Upper floor will contain offices. Plans provide for steam heat, a modern system of ventilation and special lighting effects. Exterior will be faced with pressed brick. Construction will be undertaken at once.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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SAN JOSE, SANTA CLARA CO., CAL.—Theatre alteration, 1 story, brick, \$6,000. Architect, none. Owner, James Beatty, 716 South 5th street, San Jose. The work will consist of a complete overhauling of a one-story brick building on South Market street. There will be new plastering, electric work, painting, interior finish and plumbing. Plans are complete and the work will be done by Day Labor.

VANCOUVER, B. C.—Theatre, 1 story and base. Class A construction, \$1,000,000. Architects, Parr, McKenzie & Day, Vancouver. Owners, Klaw & Erlanger, New York, represented by George J. MacKenzie, Vancouver Bldg., Vancouver. The building will be erected on Robson street near the Court House. Construction will be fireproof throughout. Details of the construction have not been made public, but it is stated that working drawings are well advanced and that bids will be called at an early date. Further mention will be made of the work.

Contracts Awarded.

LOS ANGELES, CAL.—Theatre alteration, brick construction, \$20,000. Architect, George Costerlain, California Bldg., L. A. Owners, J. Rittkestein and C. A. DuBois. Contractors, A. B. C. Co. Henne Bldg., L. A. Contract price, \$20,000.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

OFFICE of the Clerk of the City Council of the City of Richmond, City Hall, Richmond, Cal.

Sealed bids will be received by the Clerk of the City Council of the City of Richmond in his office in the City Hall in the City of Richmond, California, until Monday, July 20, 1914, at 8 o'clock p. m. of said day for the construction of a portion of the Timber Bulkhead and Retaining Wall of the Richmond Outer Harbor and being in the City of Richmond, County of Contra Costa, California, and all as described and shown in and upon the specifications and plans for the work now on file in the office of the City Clerk of the City of Richmond, and which, for the purpose of more definite descriptions, are made a part hereof.

All bids must be made on the proposal sheets furnished each bidder. Notice to bidders, proposal sheets, specifications and plans, etc., can be obtained at the office of the City Clerk of the City of Richmond, California, or at the office of E. A. Haviland, of Haviland & Tibbitts, Alaska Commercial Building, San Francisco, California, on the deposit of Five Dollars (\$5.00) by the prospective bidder. All bids shall be subject to the requirements of the above. All bids which in the judgment of the City Council present unbalanced unit prices, considered in relation to their unit price will be rejected. The right is reserved by the City Council of the City of Richmond to reject any or all proposals or bids. Each bid must be accompanied by a certified check made payable to the Clerk of the City of Richmond in the sum of at least five per cent (5%) of the total amount of the bid.

A. C. FARIS,
City Clerk.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, July 29, 1914, said bids then and there to be publicly opened and sealed for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of superstructures for two bridges on the Trinity State Road, one bridge, 90 foot span, to be erected across the Mad River; one bridge of two 60-foot spans, to be erected over the South Fork of the Trinity River.

Bids may be submitted on either all steel or combination steel and wood superstructures.

Concrete plans and flooring for these bridges will be furnished by the State Department of Engineering.

Bids must be accompanied by detail drawings and struts, snow load to be taken at 8 feet of dry snow, live load to be taken as 20-ton road roller, or traction engine.

Blueprints showing profile and further information may be obtained by application to this office.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for superstructures for two bridges on the Trinity State Road, California."

Signed: W. F. McCLURE,
State Engineer.

PROPOSALS FOR STEEL PIPES.

STEEL PIPES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 22, 1914, for furnishing material and erecting rigid and steel pipes for the Milk River project, Montana. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 9th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$50,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratis upon application to the office of the City Engineer and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, F. J. CURCHILL, Secretary.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Erecting Five Industrial Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 15, 1914, and then and there publicly opened, for erecting five industrial buildings at the United States naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR EXCITER.

TURBINE EXCITER—Sealed proposals indorsed "Proposals for 10-Kilowatt Turbine-Driven Exciter" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 25, 1914, and then and there publicly opened, for furnishing and installing one 40-kilowatt turbine-driven exciter in the central power plant at the navy yard, Puget Sound, Wash. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m. on Monday, July 20, 1914, for constructing a reinforced concrete bridge over the second crossing of the San Gregorio creek on the county road from Honda to San Gregorio in the Fifth Road District, per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, June 22, 1914, which said plans and specifications are now on file in the office of the Clerk of said Board, where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank, in a sum equal to at least ten per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo, as liquidated damages, in case the party to whom the contract shall be awarded shall fail, neglect or refuse to execute and file, and then tender and receive award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. H. NASH,
County Clerk.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, at the County of Santa Clara Court House in the City of San Jose, up to 11 o'clock a. m. of Monday, July 20, 1914, for the construction of one culvert in the District No. 2 in said county, and located as follows: One culvert on Union avenue, north of Carlton avenue; one culvert on Los Gatos and Almaden roads, near Thomas' place, pursuant to and in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount of the proposal, upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder

falls to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry M. Ayer, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Culverts."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.

PROPOSALS FOR BRIDGE.

BRIDGE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, until 2 o'clock p. m. July 22, 1914, for furnishing all material and labor for the construction of a highway bridge, consisting of three 120 ft. steel truss spans and wooden trestle approaches, across the south fork of the Snake River, near Jackson, Wyo. For particulars address the United States Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR BOILERS.

BOILERS—Sealed proposals indorsed "Proposals for Boilers and Accessories" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. July 11, 1914, and then there publicly opened, for furnishing and installing four 100-horsepower water-tube boilers, a fan and motor, valves, piping and all other accessories for the United States Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR BUILDING.

PURSUANT to Resolution No. 826 N. S. passed June 23rd, 1914, the Council of the City of Oakland, will receive bids for furnishing of all materials, labor and workmanship required in connection with the construction, erection and finish of Carpentry and Millwork, Plumbing and Gas Fitting, Composition Roofing; Sheet Metal and Skylights; Glass and Glazing; Damp Proofing; Automatic Fire Extinguishing Apparatus; Automatic Metal Heating and Ventilating; for the building of an Auditorium to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of the City of Oakland furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Auditorium." (Specifying work bid upon) addressed to the Council and deposited by the bidder, or his agent, with said Council while in session between 11 o'clock a. m. and 1 o'clock p. m. on the 10th day of July, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings, and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty days after receiving notice of award.

After the award and upon the execution of the agreement, the contractor

shall at the same time execute to the City of Oakland a delivery to the Auditor bond guaranteeing to the City the faithful performance of the contract, and in amount equal to twenty per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgments and specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of Fifth and Broadway. The said office of the Supervising Architect after June 25th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect. In addition, one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will, however, be furnished, provided the applicant pays the cost of reproduction; such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any and all bids submitted.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland.

By order of the Council of the City of Oakland.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR WHARF.

WHARF—Sealed proposals indorsed "Proposals for Wharf" will be received at the bureau of yards and docks, Navy Department, Washington, D. C. until 11 o'clock a. m. July 22, 1914, and then there publicly opened, for furnishing and erecting a pile wharf at the United States naval coal depot, San Diego, Cal. Estimated cost, \$3,300. Plans and specifications can be obtained on application to the Engineer in Charge, commanding officer of the coal depot, H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of Comptroller, University of California, Berkeley, Cal., at or before 10 A. M., Tuesday, July 14, 1914, for the construction of the Hearst Hall tennis courts on the grounds of the University of California, Berkeley, as per plans and specifications on file at said office. A deposit of \$5.00 will be required for each set of plans and specifications, which will be refunded upon return of said plans and specifications. THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. (*)

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their room in the Court House, in the City of San Jose, in said county, up to 11 o'clock a. m. of Monday, July 20, 1914, for the construction of a steel highway bridge over the San Joaquin River between the cities of San Benito and Santa Clara at the road leading from Hollister to San Felipe. In accordance with plans and specifications on file at the office of the Board of Supervisors of Santa Clara and San Benito counties, which are on file in the Chambers of the Board of Supervisors of Santa Clara County.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of the Board of Supervisors of Santa Clara County. The Board reserves the right to reject any and all bids.

quired by said Board within five days for the faithful performance of the conditions of the contract.

Bids for this work will also be received up to 11 o'clock a. m. of Monday, July 20, 1914, at the office of the Board of Supervisors of San Benito county in the town of Hollister, and the contract for said work will be awarded to such bidder as may be agreed upon by the Board of Supervisors of San Benito county and the Board of Supervisors of Santa Clara county, who being the lowest responsible bidder for said work.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry M. Ayer, Chairman of the Board of Supervisors of Santa Clara county, and indorsed "Bids for Steel Highway Bridge over Pacheco Creek."

By order of the Board of Supervisors of Santa Clara county.

Attest: HENRY A. PFISTER, Clerk.

By F. A. Schilling, Deputy Clerk.

PROPOSALS FOR TURBINE.

TURBINE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 14, 1914, for furnishing a variable head turbine for the Salt River Project, Arizona. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

NOTICE TO BIDDERS.

PURSUANT to an order of the Board of Supervisors of the county of Stanislaus, State of California, made and entered on the 9th day of June, 1914, notice is hereby given that sealed bids will be received by the undersigned clerk of the said Board up to and not later than the hour of 10 a. m. of the 10th day of July, 1914, for the construction of three bridges and one culvert in the county of Stanislaus, State of California, in accordance with the plans and specifications on file in my office where the same can be inspected by intending bidders during office hours.

Bids must be accompanied by a certified check on some solvent bank of the State of California in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will execute and attach contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of said check as liquidating damages for such failure.

Bids to be submitted on special forms, which can be obtained from the county clerk.

The Board reserves the right to reject any or all bids.

H. BENSON, Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS.

BIDS will be received by the Board of Supervisors, County of Kern, State of California, up to 10 a. m. of July 15th, 1914 for the construction of a pile trestle bridge across the North Fork of Kern River, near Greenville, California, at the intersection of the California Road No. 315, dimension 208 feet long, 20 feet wide; also a pile trestle bridge across branch channel of same stream near the same site. Dimensions 32 feet long, 20 feet wide. Plans and specifications at County Surveyor's Office.

Each bid to be accompanied with a certified check payable to the Chairman of the Board of Supervisors, to the amount of 10 per cent of amount of bid to insure the entering into of a contract by the successful bidder.

The Board reserves the right to reject any or all bids.

Additional Notice.

Lumber for the bridges can be secured from the A. Brown Co., of Kernville at the following rates:

\$20 per M. at the mill on Greenhorn Mountain.

\$23 per M. delivered at the bridge site.

By order of the Board of Supervisors of the County of Kern, State of California.

H. A. CASTRO, Chairman.

Attest: I. L. MILLER, Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, July 30, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction, erection and installation of the Elevator Work, California State Library, State Capitol Building, Sacramento, California, in accordance with plans and specifications, therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California."

[SIGNED] W. F. McClure, State Engineer. (*)

PROPOSALS FOR BRIDGE WORK.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to 12 o'clock, noon, Monday, July 20, 1914, for the construction of a reinforced concrete extension to the bridge over Llagas Creek on San Martin Avenue in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry A. Pfister, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Extension of Bridge at San Martin Avenue."

By order of the Board of Supervisors of Santa Clara County

Attest: HENRY A. PFISTER, Clerk.
By F. A. Schilling, Deputy Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, July 22nd 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Outfit for the Southern California State Hospital, Patton, California, in accordance with plans and specifications, therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately

on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Laundry, Southern California State Hospital, Patton, California."

[SIGNED] W. F. McClure, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. July 20, 1914, for the construction, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Bozeman, Mont. Two-story and basement building, ground area 4,300 square feet, partially fireproof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Bozeman, Mont., or at this office, in the discretion of the supervising architect. O. WENDEROOTH, supervising architect.

PROPOSALS FOR GENERATOR.

GENERATOR—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Los Angeles, Cal., until 2 o'clock p. m. July 14, 1914, for furnishing one vertical alternating-current generator for the Salt River project, Arizona. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal. or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office 405 Custom House, San Francisco, Cal.—Sealed proposals for dredging in San Joaquin River and Stockton Channel, Cal., will be received here until 10 a. m., July 25, 1914, and then publicly opened. Information on application. S. A. CHENEY, major, engineers.

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION**

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock P. M. on July 20th, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications, therefore, to which special reference is made.

Reinforced concrete and timber trestles in Yolo County across the Yolo By-pass, on the southerly side of the Southern Pacific Railroad, a length of about 3 miles.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY, Chairman.
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN E. FLETCHER, Engineer.
CHARLES C. CARLETON,
Acting Secretary.

Dated: June 23, 1914. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, July 20th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Gymnasium, California State Hospital, Berkeley, California, in accordance with the plans and specifications, therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gymnasium, California, School for Deaf and Blind, Berkeley, California."

[SIGNED] W. F. McClure, State Engineer. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 212, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Thursday, July 9, 1914, for Construction of the California Pier in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal of bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, at \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Tuesday, July 21st, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor and doing the work required for the construction and erection of a building to be known as the Outfit for Epileptics, Sonoma State Home, Eureka, Cal.

ifornia, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately

on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCLURE, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Cottage for Electricians, Sonoma State Home, Eldridge, California."

[SIGNED]

W. F. McCLURE,
State Engineer. (•)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

SCINTILLATOR PIER—Timber construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been revised and new figures are now being called for on the construction of a scintillator pier on the Exposition grounds. Plans and specifications can be secured from the Director of Works. Bids will be opened on July 9th. An official proposal appears in another column of this issue.

EXHIBIT BUILDING — 2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, Cuban Government, represented by General Enrique Loyoz del Castillo, Palace Hotel. Plans for this work have been out for figures for the past week and bids will be opened on July 7th. Construction will be carried on under the direction of the Director of Works of the Exposition Co. An award of contract will probably be made this week.

EXHIBIT BUILDING — 2 story, frame and plaster, \$30,000. San Francisco. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Bids opened in Oakland for this work show Lester H. Stock, 12 Geary street, S. F., low at \$29,500. A number of bids were also received in Honolulu, the result of which is not known in this city. An award of contract will probably be made shortly. A complete list of the bids opened will be found under the heading of San Francisco in this issue.

COURT OF THE UNIVERSE — 1 story, frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for the construction of this building show Strehlow, Freese & Peterson low at \$33,000. They will probably be awarded the contract. A complete list of the figures will be found under the heading of San Francisco in this issue.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$30,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the south side of Post street, 137½ feet west of Polk, covering an area of 27½ feet by 120 feet. There will be a total of twenty suites of two and three rooms, besides a large amusement, auto storage basement and roof garden. Interiors will be finished in pine throughout except the entrance hall and lobby which will be finished

in blue gum with marble wainscot. Plans provide for steam heat, an automatic elevator, hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with tapestry brick. Plans are nearly complete and figures will be called for in about one week.

APARTMENT HOUSE—5 story and base, Class C construction, \$45,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, G. A. Steffen. The building will be erected at the northwest corner of Taylor and Sacramento streets, and has been designed to contain a large number of apartments, all of which will have private bath rooms and wall beds. Interior finish will be of pine and hardwood veneer with oak floors in the principal rooms. There will be steam heat, elevator service, a vacuum cleaning plant and hot water supply. Bath rooms will be finished in pine and will have composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$25,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, William A. McKee. The building will be erected on the north side of Bush street east of Leavenworth, having a frontage of 23 feet and a depth of 86 feet. There will be eight suites of two and three rooms, all of which will have private baths and wall beds. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water system. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—7 story and base, Class A construction, \$100,000 or more. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner's name withheld. The building has been designed for a high class apartment house in which each of the tenants will own an interest. There will be but six apartments in the building, the upper two floors containing but one apartment and the other floors one apartment each. There will be three baths to each floor. Basement will contain storage space for automobiles. Interiors will be finished to suit each tenant. There will be steam

heat, passenger and service elevators, vacuum cleaning and a hot water supply. Bath rooms will be finished in tile and equipped with showers. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and segregated figures will be called for at once.

EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, American-Norwegian Associations. The local organizations of the Norwegians in California have taken up the matter of erecting a suitable building to represent their country at the Panama-Pacific Exposition. C. L. Wold, a well-known San Francisco contractor, has been made chairman of the Committee on Building and Plans.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, L. Traverson, 854 Union street, S. F. Owner, A. Boschetti, 530 Green street, S. F. The building will be erected on the west side of Grant avenue near Lombard and will have a frontage of 23 feet by a depth of 5½ feet. There will be three modern flats of four and five rooms. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Bath rooms will have composition floors. Entrance will be finished in tile and terrazzo. Exterior of the building will be covered with rustic. Plans are now being prepared and the work will probably be done by Day Labor.

HOTEL ALTERATION — 2 story, frame, \$4,000. San Francisco. Architect, none. Owner, Charles Katz, 1200 Dolores street, S. F. The present two-story frame store and loft building located on Mission street south of 17th will be altered so that the second floor may be occupied by a hotel. The work will include interior finish, plastering, electric work and plumbing. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOSPITAL—2 story and base, reinforced concrete, \$55,000. San Francisco. Architect, John Baur, Sharon Bldg., S. F. Owners, San Francisco Home for Incurables. This building has been mentioned here a number of times before, and will be erected at the north-east corner of Wood and Point Lobos avenue. Plans have been revised and figures taken. Bids are now in the hands of the architect and a contract will be awarded this week.

CITY HALL—4 story and dome. Class A construction, \$4,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the last regular meeting of the Board of Public Works for the interior stone work show Larsen-Sampson Co. low at \$187,500 and the Mission Marble Works low at \$26,043 for the marble steps, stairs and bases. Contracts will probably be awarded these firms. A complete list of the bids received will be found under the heading of San Francisco in this issue.

POLYTECHNIC SCHOOL FURRING AND LATHING—Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last regular meeting of the Board of Public Works for the metal lathing, furring and studs for the Polytechnic School

show the Holloway Expanded Metal Co. low at \$19,192. They will probably be awarded the work. A complete list of these figures appears under the heading of San Francisco in this issue.

MUNICIPAL ASPHALT PLANT—Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Power Equipment Co. submitted the lowest figure at \$21,250 for furnishing the mechanical equipment for the Municipal Asphalt Plant and will probably be awarded the contract. A complete list of the figures will be found under the heading of San Francisco in this issue.

POWER STATION—1 story and base. Class A construction, \$60,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. Plans are being prepared for a new switch station which will be erected in the Potrero District for the Pacific Gas and Electric Company. The building will cover a considerable ground area and will have a complete steel frame with concrete floor and brick exterior walls. Special equipment will be furnished by the company. Exterior will be faced with pressed brick. Plans are being prepared.

OFFICE ALTERATIONS—Class A construction, \$6,000. San Francisco. Architect, R. V. Cobby, 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. This work will include plumbing and plumbing fixtures, plastering and metal lath partitions, painting and mill work. The upper floor of the company's building on Grant avenue is to be arranged for a cafeteria for the employees. Plans are complete and work will be started at once. Part of the work will be carried on by Day Labor and part let by contract.

RESIDENCE—3 story and basement, frame, \$11,000. San Francisco. Architect, Edward L. Homes, 338 Pine street, S. F. Owner, Mrs. Hillyer Brown, 1 25th avenue, S. F. The building will be erected on the north side of Sea Cliff avenue between the northerly end of 25th avenue and the Pacific Ocean, and has been designed to contain twelve rooms and three baths. Interior will be finished in redwood with red southern gum in living and dining rooms and reception hall. Exterior will be covered with plaster on metal lath. Plans provide for furnace heat and brick fireplaces. Baths will have tile wainscot and composition floors. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame and plaster, \$25,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto, S. F. The building will be erected on Washington street and will cover a considerable ground area. Interior will be finished in pine and hardwoods. An automatic water heater will be installed. There will be furnace heat and open fire places. Exterior of the building will be covered with cement plaster on metal lath. Baths will have tile wainscot and composition floors. Plans are being prepared and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$8,500. San Francisco. Architect, A. J. Laib, Russ Bldg., S. F. Owner, Benj. Wertheimer. The building will be erected on the west line of Commonwealth avenue, between Geary

and Euclid streets, and will contain ten rooms and two baths. Interior will be finished in pine with some hardwood floors. There will be furnace heat and open fire places. Baths will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Brick or tile mantels will be specified. Plans have been prepared and figures are being taken.

JAIL AND CITY MORGUE LIGHTING FIXTURES—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for furnishing and installing lighting fixtures in the City and County Jail and in the City Morgue. Bids will be opened by the Board of Public Works on July 8th. Plans can be secured from the City Department of Architecture.

Contracts Awarded.

PIER—Timber construction, \$386,300. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$386,300. Note: A complete list of the figures opened by the State Board of Harbor Commissioners for this work will be found under the heading of San Francisco in this issue.

FERRY SLIPS—Concrete, \$91,700. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$91,700. Note: A complete list of these figures will be found under the heading of San Francisco in this issue.

STORES—1 story and base. Class C construction. Cost not stated. San Francisco. Architect, none. Owner, Dr. J. O. Hirschfelder, Contractor, James L. McLaughlin, 244 Kearny street, S. F. Contract price not stated.

EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owners, Republic of Bolivia, represented by Carlos Sanjines, Russ Bldg., S. F. Contractor, William Martin, 110 Jessie street, S. F. Contract price, \$22,000.

**State Harbor Board
Awards Contracts.**

Healy-Tibbitts Constr. Company Secure Contract For Pier No. 35 And For Two New Ferry Slips.

Five sets of figures were opened by the State Board of Harbor Commissioners at their Thursday meeting for the construction of Pier No. 35, which is to be erected north of the Ferry Building, between Kearny and Montgomery streets. Healy-Tibbitts Constr. Company presented the low figure at \$386,300 and were awarded the contract. Sueell & Son of Oakland were awarded a contract for moving the grain shed, which now occupies the site of Pier No. 35, for \$2,443.

Bids were also opened at the same meeting for constructing Passenger slips 9 and 10 in the south end of the Ferry Building. Healy-Tibbitts Con-

struction Co. also secured this contract on a bid of \$91,700. Following is a complete list of the bids received:

Constructing Pier No. 35.

Clinton Fireproofing Co.	\$455,860
F. A. Koetetz	480,000
San Francisco Bridge Co.	414,937
Healy-Tibbitts Constr. Co.	386,300
Dunnivant-Houghton-Van Sant Co.	560,000

Passenger Ferry Slips Nos. 9 and 10.	
F. A. Koetetz	\$127,560
San Francisco Bridge Co.	102,850
Thomson Bridge Co.	96,315
Healy-Tibbitts Constr. Co.	91,700

The next work to be advertised will be the foundation work for the new two-story post office adjoining the Ferry Building on the south and for the foundation work for a one-story Ferry Building Annex, which will be erected on the south of the present building. Plans for both of these buildings have been prepared under the direction of Assistant State Engineer Newman. Ferry Building.

**Bids For Court Of
Universe Building.**

Strehlow, Freese & Peterson Low. Four Bids Only Presented For The Work. No Award.

Bids opened by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. for the construction of the Court of the Universe, show Strehlow, Freese & Peterson low at \$53,000. Three other figures were received.

Court of The Universe.

F. Rolandi	\$70,150
Dunnivant-Houghton-Van Sant Company	63,386
Strehlow, Freese & Peterson	53,000
J. Monk	55,692

**Lester H. Stock Low
On Hawaii Building.**

Thirteen Sets of Figures Opened in Oakland and Additional Bids Opened in Honolulu.

Thirteen sets of figures were opened C. W. Dickey's office in Oakland for the construction of the Hawaii Building at the Panama-Pacific International Exposition. Of these the bid of Lester H. Stock, San Francisco, was low at \$29,500. Bids were also opened in Honolulu, but the result of these have not been learned. Following is a list of the bids opened in Oakland:

Hawaii Exhibit Building.

Pringle, Dunn & Co.	\$35,447
Lange & Bergstrom	35,311
Dunnivant-Houghton-Van Sant Company	31,880
Forster Vogt Co.	31,980
Lester H. Stock	29,500
Peter Hamilton	32,000
Caldwell & Son	30,897
A. T. Spence	37,500
J. O. Kuykendall	35,916
Strehlow, Freese & Peterson	32,750
W. D. Henderson	39,375
William Mutch	37,388
Boyd, Kerr & McLean	30,000

City Bids Opened.

Board of Public Works Receives Numerous Bids For City Work Including City Hall Contracts.

Bids were opened by the Board of Public Works at their Wednesday afternoon session for furnishing mechanical equipment for the Municipal Asphalt Plant, interior stone work for the new City Hall, marble bases, stairs and steps for the new City Hall and for the metal studs, metal furring and lathing for the Polytechnic High School. The Power Equipment Co. was low on the mechanical equipment of the asphalt plant at \$24,250; Larsen, Sampson Co., were low for the interior stone work on the City Hall; The Mission Marble Works low on the marble bases, steps and stair work for the City Hall and Holloway Expanded Metal Co. low for the metal studs, furring and lathing on the Polytechnic High School. Following is a complete list of the bids as opened:

Mechanical Equipment Asphalt Plant.

A. Schneider\$58,420
Union Machine Co. 32,320
Power Equipment Co. 24,250
Main Street Iron Works. 36,500
Davis, Rogers Co. 31,795

Interior Stone Work, City Hall.

McGillivray Stone Co., Prop. A, \$—; Prop. B, \$16,500; Prop. C, \$150,385.

Lewis A. Hicks Co., Prop. A, \$205,000; Prop. B, \$—; Prop. C, \$—.

Sound Constr. & Eng. Co., Prop. A, \$197,000; Prop. B, \$—; Prop. C, \$—.

Larsen, Sampson Co., Prop. A, \$187,500; Prop. B, \$—; Prop. C, \$—.

Marble Bases, Stairs & Steps, City Hall

Joseph Musto Sons-Keenan Co., Prop. A, \$33,250; Prop. B, \$34,800.

American Marble & Mosaic Co., Prop. A, \$38,900; Prop. B, \$34,500.

Mission Marble Works, Prop. A, \$26,033; Prop. B, \$23,900.

Metal Studs, Etc., Polytechnic School.

Holloway Expanded Metal Co., Prop. A, \$19,492; Prop. B, \$18,492.

C. Collins, Prop. A, \$22,000; Prop. B, \$18,900.

C. J. Greenwalt, Prop. A, \$23,275; Prop. B, \$—.

H. Lynch, Prop. A, \$22,405; Prop. B, \$20,000.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
2224	Steffen	Eureka	975
2225	Town & City Club	Goerick	19949
2226	Heskins	McMullen	6650
2227	Pacific G & E	Forreder	770
2228	Same	Cal Art Metal	2214
2229	Borina	Montgomery	750
2230	City Electric	Healy	3200
2231	Filippetto	Montali	3000
2232	Bolivia	Martin	22000
2233	McCormick	Woodbridge	6032
2234	Nissum	Gen Bldg	2501
2235	P. P. I. E.	Eac Extra	12630
2236	Marks	King	6897
2237	Christen	Warnock	1645
2238	Tackle	Reite	4160
2239	Yellowstone	Vowinkel	1850
2240	Same	Austin	6583
2241	Ball	Lapham	3700
2242	Byrne	Musto	1295
2243	West Gate	O'Nara	571
2244	Pritz	David Elec	1475
2245	Pacific T. & T.	Owner	6000
2246	Swergert	McGowan	400
2247	S. P. Ladies Aid	Bovyer	400
2248	Burke	Burke	400
2249	Cierse	Parry	1500
2250	Spreckels	McGillivray	550
2251	Driver	Carlson	400
2252	Gallick	Hooper	400
2253	Glakides	Low	400
2254	White	Carlson	500
2255	London	London	800

2256	Coast Waste	Rosener	400
2257	Racanelly	Racanelly	100
2258	Buckley	Glazer	850
2259	Meyer	Meyer	1800
2260	McCormick	McCormick	1800
2261	Baumann	Gruhn	450
2262	Lyons	Baker	700
2263	Woolfrey	Woolfrey	1800
2264	Same	Same	1800
2265	Storn	Higginson	4164
2266	P. P. I. E.	McLean	22000
2267	John Archib	Ward	12151
2268	Cath	Collman	6844
2269	Sullivan	Johnson	3525

(2224) NW TAYLOR & SACRAMENTO
N 10xW 91-8. Grading, excavating, bulkheading, shoring, pumping, etc., for five-story and basement Class "C" apartment house.

Owner.....G. A. Steffen.
Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F.
Contractor..Frank & Eva Mordcaai, as Eureka Teaming Co.)

Filed June 29, '14. Dated June 29, '14.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$975

Bond, \$487.50. Surety, National Surety Co., Limit, 18 days. Forfeit, none. Plans and specifications filed.

(2225) SE STOCKTON AND UNION
Square Ave. Alterations and additions to three-story Class "C" brick front building.

Owner.....The Town & Country Club,

218 Stockton, S. F.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor..W. A. Goerick, Postal Tel Bldg., San Francisco.

Filed June 29, '14. Dated June —, '14.

Contractor to receive 10% of cost which is not to exceed \$19,949, 35 days after completion.....

COST not to exceed, \$19,949

Bond, none. Limit, Oct. 1, 1914. Forfeit, none. Plans and specifications filed.

(2226) E GRANT AVE 77-6 N Bush

30x80. All work for one-story and basement brick stores.

Owner.....Herman Heskins, 4th near Market, San Francisco.

Architect...M. I. Schwartz, Nevada Bk. Bldg., San Francisco.

Contractor..McMullen Von Voorhies Co. 561 Market, San Francisco.

Filed June 29, '14. Dated June 22, '14.

Roof boards on.....\$1660

Finish coat plaster on..... 1660

Completed and accepted..... 1660

Usual 35 days..... 1670

TOTAL COST, \$6650

Bond, \$3325. Surety, Ernest H. Detner

Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2227) S COMMERCIAL 60 E Mont-

gomery S 59-6x E 49-9. Sheet metal work for one-story Class "A" building.

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor..Forreder Cornice Works, 269 Potrero Ave., S. F.

Filed June 30, '14. Dated June 22, '14.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$770

Bond, \$385. Surety, Pacific Surety Co.

Limit, 30 days after steel and brick work erected. Forfeit, none. Plans and specifications filed.

(2228) S ORNAMENTAL IRON WORK

on above.

Contractor..California Artistic Metal & Wire Co., 365 7th, S. F.
Filed June 30, '14. Dated June 20, '14.

Payments same as above.....

TOTAL COST, \$2214

Bond, \$1107. Surety, National Surety Co., Limit, 30 days after steel and brick work erected. Forfeit, none. Plans and specifications filed.

(2229) S BONITA 109-50 W Polk 25

W A 47. All work except gas and electric fixtures for two-story and basement frame flats.

Owner.....Nick Borina, 1224 Polk, San Francisco.

Architect...O. W. Lanzendorf.

Contractor..E. J. Montgomery, 1318 Broadway, San Francisco.

Filed June 30, '14. Dated June 29, '14.

Foundation and frame up.....\$584

Enclosed, roof completed, plumbing and electric work roughed in 584

Standing finish on..... 584

Completed and accepted..... 583

Usual 35 days..... 779

TOTAL COST, \$3114

Bond, \$779. Sureties, Chas. Schlesinger and Jno. Brickwedel. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2230) ON WATER FRONT AT FOOT

of Mason. Furnishing and driving supporting piles, laying 130 feet cast iron pipe for salt water intake at North Beach steam plant.

Owner.....City Electric Co., 347 Grant Ave., S. F.

Architect...None.

Contractor..Healy-Tibbitts Constr. Co., 9 Main, San Francisco.

Filed June 30, '14. Dated June 30, '14.

Piles driven & caps in place, \$2812.50

Completed and accepted..... 2812.50

Usual 35 days..... 1875.00

TOTAL COST, \$7500.00

Bond, \$7500. Surety, Globe Indemnity Co., Limit, Oct. 28, '14. Forfeit, none. Plans and specifications filed.

(2231) S PIXLEY 112-6 W Webster

24x60 All work except grading, concrete, gas and electric fixtures, window shades and finish hardware for two-story and basement frame residence.

Owner.....Egisto Filippetto.

Architect...None.

Contractor..Montali & Steffanini, 1753 Greenwich, S. F.

Filed June 30, '14. Dated June 1, '14.

Frame up\$750

Brown coated 750

Completed and accepted..... 750

Usual 35 days..... 750

TOTAL COST, \$3000

Bond, \$1500. Sureties, G. Giusti and S. Boicetti. Limit, 80 days after June 5.

Forfeit, none. Plans and specifications filed.

(2232) EXPOSITION SITE. Con-

struction of frame plastered pavilion for Republic of Bolivia.

Owner.....The Republic of Bolivia by Agent Carlos Sanjines, 306 Russ Bldg., S. F.

Architect...Albert Farr, 68 Post, S. F.

Contractor..William Martin, 110 Jessie San Francisco.

Filed June 30, '14. Dated June 22, '14.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$22,000

Bond, \$11,000. Surety, Chicago Bonding & Surety Co., Limit, 130 days. Forfeit, none. Plans and specifications filed



NEW BELGRAVIA APARTMENTS
San Francisco

Frederick H. Meyer, Architect
San Francisco



MODERN NEW APARTMENT HOUSE
Berkeley, Calif.

Wm. H. Ratcliff, Jr., Architect.
Berkeley

233) NE CARRILLO AND FIFTH
Ave N 25E 95. All work for two-
story and basement frame flats and
one-story garage.

Owner.....John McCormick.
Architect...W. H. Crim Jr., 425 Kear-
ny, San Francisco.

Contractor...L. C. Woodridge, 56 Alpine
Terrace, San Francisco.

Filed July 1, '14. Dated June 29, '14.
Roof on\$1508
Exterior plaster completed and
rough coat plaster on exterior. 1508
Completed and accepted..... 1508
Usual 35 days..... 1508

TOTAL COST, \$6032
Bond, none. Limit, 50 days. Forfeit, none.
Surety, Southwestern
Surety Insurance Co. Limit, 80 days.
Forfeit, \$5. Plans and specifications
filed.

2254) E MISSION 75-1½ N 22nd.
Concrete work and reinforced iron
and marble work for one-story store
building.

Owner.....Jens P. Nissum, 5 Mont-
gomery, San Francisco.
Architect...None.

Contractor...The General Bldg. Work
Co., 712 Sansome, S. F.

Filed July 1, '14. Dated June 15, '14.
Concrete walls completed.....\$1000
Walls striped and cribbing re-
moved 440
Completed and accepted..... 561
TOTAL COST, \$2001

Bond, none. Limit, 21 days. Forfeit,
none. Plans and specifications filed.

2235) EXPOSITION SITE. General
and decorative lighting wiring for 8
buildings as follows: Food Products,
Education, Agricultural, Liberal Arts,
Transportation, Manufacturers, Mines,
and Varied Industries Buildings.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...None.
Contractor...Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.

Filed July 1, '14. Dated June 27, '14.
As work progresses 75%
Usual 35 days..... 25%
TOTAL COST, \$12,650

Bond, \$7000. Surety, National Surety
Co. Limit, 60 days. Forfeit, \$25. Plans
and specifications filed.

2236) N LAKE 180 W 22nd Ave W 31
N 120. All work for two-story and
basement frame residence.

Owner.....Mallie M. Marks (wf Mose),
450 Front, San Francisco.

Architect...Harvey P. Smith, 217
Blake Bk., Oakland.

Contractor...L. T. McNabb, W. H. King,
G. M. McNabb and A. J.
McNabb, 3750 Telegraph
Ave., Oakland.

Filed July 1, '14. Dated June 8, '14.
Frame up\$1720
Brown coated 1720
Completed and accepted..... 1720
Usual 35 days..... 1737
TOTAL COST, \$6597

Bond, \$3448.50. Surety, Chicago Bond-
ing & Surety Co. Limit, 90 days. For-
feit, \$10. Plans and specifications filed.

2237) LOT 4 BLK NO. 5, Crocker
Amazon Tract. All work for one-
story and basement frame residence
(four rooms).

Owner.....Franziska Christen.
Architect...None.

Contractor...M. C. Warnock.
Filed July 1, '14. Dated June 30, '14.

Frame up\$111.25
Brown coated 111.25
Completed 111.25
Usual 35 days..... 111.25
TOTAL COST, \$1445.00

Bond, none. Limit, 60 days from issu-
ance of permit. Forfeit, none. Plans
and specifications filed.

(2238) NW CLEMENTINA 100 SW 8th
SW 25xNW 75. Carpenter, brick,
roofing, glazing, lath and plaster,
painting, plumbing, electric work
for two-story and basement frame
building.

Owner.....Arnold J. Tackle, 1149 Mis-
sion, San Francisco.

Architect...C. A. Neussdorffer, Hum-
boldt Bank Bldg., S. F.

Contractor...J. B. Rette, 681 Market,
San Francisco.

Filed July 1, '14. Dated June 19, '14.
Roofing on\$1040
Brown coated 1040
Completed and accepted..... 1040
Usual 35 days..... 1040
TOTAL COST, \$1160

Bond, \$2080. Surety, National Surety
Co. Limit, 75 days after June 22. For-
feit, none. Plans and specifications filed

(2239) EXPOSITION SITE. Painting
work for Yellowstone Park Exhibit.
Owner.....Union Pacific System Yellow-
stone Park Concession
by J. R. Kathrens, Mgr.,
Hearst Bldg., S. F.

Artist.....E. J. Austin.

Contractor...Henry Vowinkel & Deco-
rative Constr. Co., 350
Hayes, San Francisco.

Filed July 2, '14. Dated June 12, '14.
On 10th of each month..... 75%
Usual 35 days..... 52%
TOTAL COST, \$1850

Bond, \$925. Surety, The Aetna Accident
& Liability Co. Limit, Oct. 15, '14.
Forfeit, \$10. Plans and specifications
filed.

(2240) ELECTRIC WIRING AND
equipment on above.

Artist.....E. J. Austin and C. H.
Snyder, Engineer.

Contractor...Central Elec. Co., 618 Mis-
sion, San Francisco.

Filed July 2, '14. Dated June 29, '14.
Payments same as above.....

TOTAL COST, \$6583
Bond, \$2583. Surety, Pacific Coast
Casualty Co. Limit, Oct. 9, '14. Forfeit,
\$10. Plans and specifications filed.

(2241) W TWELFTH AVE 150 S Anza
W 120xS 25 O L 295. All work for
two-story frame residence.

Owner.....Wm. D. Ball, 618 Hayes,
San Francisco.

Architect...None.

Contractor...Alton R. Lapham, 511 12th
Ave., San Francisco.

Filed July 2, '14. Dated June 20, '14.
Frame up\$925
Brown coated and rough plumb-
ing in 925
Completed and accepted..... 925
Usual 35 days..... 925
TOTAL COST, \$3700

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2242) W WEBSTER 51-6 S Pacific
Ave S 46-2½xW 110. Marble floor,
verde Antique bases, Italian Marble
treads, rises, and marble facings for
three-story and basement frame bldg.

Owner.....A. M. Byrne, 2411 Webster,
San Francisco.

Architect...Dunn & Kearns, Monad-
nock Bldg., S. F.

Contractor...Joseph Musto Sons-Keanan
Co., 565 North Point, S. F.

Filed July 2, '14. Dated June 10, '14.
Completed and accepted.....\$971

Usual 35 days..... 324
TOTAL COST, \$1295

Bond, none. Limit, 45 days. Forfeit,
\$10. Plans and specifications, none.

(2243) LOT 7 BLK 4 St. Francis Wood
Plumbing for residence.

Owner.....Westgate Park Co., 80 Post
San Francisco.

Architect...Henry H. Guttererson, 80
Post, San Francisco.

Contractor...J. E. O'Hara, 449 Minna,
San Francisco.

Filed July 2, '14. Dated June 29, '14.
Rough plumbing finished..... 40%
On completion of contract..... 60%

TOTAL COST, \$571
Bond, \$300. Sureties, W. D. Stewart
and Harry A. Dutton. Limit, 5 days
after Sept. 5, '14. Forfeit, \$5. Plans
and specifications filed.

(2244) NE FREDERICK & DELMAR.
Electric work and house telephones
for three-story and basement annex
to apartment house.

Owner.....Eugene N. Fritz, 101 Fred-
erick, San Francisco.

Architect...None.

Contractor...David Electric Co.

Filed July 2, '14. Dated May 28, '14.
On completion of rough work 50%
On acceptance 25%

Usual 35 days..... 25%
TOTAL COST, \$1475

Bond, none. Limit, 75 days. Forfeit,
\$10. Plans and specifications filed.

(2245) NO. 333 GRANT AVE. Install
partitions, plumbing fixtures, fire-
proof doors, reinforcing floors and
cafeteria.

Owner.....Pacific Telegraph & Tele-
phone Co., Premises.

Architect...R. V. Cobby, Building Eng.
461 Market, San Francisco.

Day's work. COST, \$6,000

(2246) SE MISSION AND SIXTH. Erect
wall.

Owner.....Swergert Estate, Metro-
politan Bank Bldg., S. F.

Architect...Phillip Schwerdt, Phelan
Bldg., San Francisco.

Contractor...McGowan & Butler, 180
Jessie, San Francisco.

COST, \$400

(2247) NO. 1200 FRANKLIN. Erect
pergola.

Owner.....S. F. Ladies' Protection &
Relief Home, Premises.

Architect...None.

Contractor...Bovyer & Sons, 2407 Call-
ifornia, San Francisco.

COST, \$450

(2248) E BRODERICK 100 N Jackson.
Minor changes and additions to dwlg.

Owner.....K. D. Burke, 2310 Broder-
ick, San Francisco.

Architect...None.

Day's work. COST, \$400

(2249) S TINGLEY 225 W Mission.
One-story and basement frame dwlg.

Owner.....V. Clessa, 222 Raymond,
San Francisco.

Architect...None.

Contractor...T. H. Parry, 222 Raymond,
San Francisco.

COST, \$1500

(2230) E DAVIS 25 N California. Fill in door way and install window.
Owner.....A. B. Speckels, California
Architect.....J. A. Applegarth, Call Bldg., San Francisco.
Contractor.....The McGilvray Stone Co., 634 Townsend, S. F.
COST, \$350

(2231) NO. 317 VIRGINIA. Alter front and add rooms.
Owner.....J. H. Driver, Premises.
Architect...None.
Contractor.....Carlson & Heglin, 257 Richland Ave., S. F.
COST, \$400

(2232) NO. 1063 MARKET. New front
Owner.....M. Gaillek, 941 Mission, San Francisco.
Architect...None.
Contractor.....Wm. Hooper, 112 Holly Park Circle, S. F.
COST, \$400

(2233) NO. 1794 HAIGHT. Tile front and minor repairs.
Owner.....Nick Glakides, 1805 Haight San Francisco.
Architect...None.
Contractor.....James Low, 1501 Valencia, San Francisco.
COST, \$400

(2234) NW SUTTER AND PIERCE. One-story frame shop and garage.
Owner.....S. A. White, 46 Kearny, San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor.....N. A. Carlson, 936 Potrero Ave., San Francisco.
COST, \$500

(2235) S LOMBARD 49-6 E Pierce. One-story frame store.
Owner.....W. M. London (Lessee), 3252 Clay, San Francisco.
Architect...None.
Day's work.....COST, \$800

(2236) W SEVENTH 130 N Townsend. Minor changes on warehouse.
Owner.....Coast Waste Products Co., 40 1st, San Francisco.
Architect...None.
Contractor.....Leonard S. Rosener, Merchants Exchange Bldg., San Francisco.
COST, \$100

(2237) NO. 1435 STOCKTON. Alter store.
Owner.....Racanelly & Son, Prem.
Architect...None.
Day's work.....COST, \$400

(2238) NO. 1895 UNION. Install bake oven.
Owner.....Buckley & Co., Premises.
Architect...None.
Contractor.....J. P. Glazer & Co., 2070 Union, San Francisco.
COST, \$850

(2239) NW CURTIS AND MORSE. One-story and basement frame dwlg.
Owner.....Mrs. G. Meyer, 53 Walter, San Francisco.
Architect...None.
Contractor.....Henry Meyer, 53 Walter, San Francisco.
COST \$1800

(2240) N RICHLAND 25 W Murray. One and one-half-story and basement frame dwelling.

Owner.....Thos. McCormick, 25 Gladys, San Francisco.
Architect...None.
Day's work.....COST, \$1800

(2241) NO. 51 TOMASA. Add 2 rooms and porch.
Owner.....A. Baumann, Premises.
Architect...None.
Contractor.....Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$450

(2242) N ROMAIN 125 W Douglass. Repair and add to dwelling.
Owner.....P. D. Lyons, Premises.
Architect...None.
Contractor.....M. Baker, 832 Corbett Rd., San Francisco.
COST, \$700

(2243) S ATHENS 175.21 W Cordova. One and one-half-story and basement frame dwelling.
Owner.....John B. Woolfrey, 3168 21st, San Francisco.
Architect...None.
Day's work.....COST, \$1800

(2244) S ATHENS 151.21 W Cordova. One and one-half-story and basement frame dwelling.
Owner.....John B. Woolfrey, 3168 21st, San Francisco.
Architect...None.
Day's work.....COST, \$1800

(2245) LOT 26 BLK 19 Amended Map Ingleside Terrace. All work except finish hardware, shades, light fixtures and furnace for two-story frame residence.
Owner.....Henry and Kattie Stern.
Architect...Falech & Knoll, Hearst Bldg., San Francisco.
Contractor.....Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed July 3, '14. Dated July 2, '14.

Frame up\$1041
Brown coated 1041
Completed and accepted..... 1041
Usual 35 days..... 10.1
TOTAL COST, \$4164
Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2246) EXPOSITION SITE. All work for construction of The Press Bldg.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor.....Neil A. McLean Co., Chronicle Bldg., S. F.

Filed July 3, '14. Dated July 1, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$22,000
Bond, \$12,000. Surety, New England Casualty Co. Limit, 90 days. Forfeit, \$25. Plans and specifications filed.

(2247) SE DE MONTEFORD AND Ashton Ave S 172-6xE 112-6. All work except painting and electric wiring for frame and plaster church
Owner.....The Roman Catholic Archbishop of S. F., 110 Franklin, San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor.....Ward & Goodwin, 110 Jesse, San Francisco.

Filed July 3, 14. Dated June 25, '14.
On 1st of each month..... 75
Usual 35 days..... 25%
TOTAL COST, \$13,151
Bond, \$6575. Sureties, B. P. Harper and

P H Loftus. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2248) N LOMBARD 137-6 W Larkin W 25xN 74-10. All work for two-story and basement frame apartment house.

Owner.....Rosalind Johns.
Architect...Ralph W. Hart Humboldt Bank Bldg., S. F.
Contractor.....Collman & Collman, 110 Jessie, San Francisco.

Filed July 3, '14. Dated July 1, '14.
Frame up\$1711
Brown coated 1711
Completed 1711
Usual 35 days..... 1711
TOTAL COST, \$6844

Bond, \$3442. Surety, National Surety Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(2249) NW HYDE AND LOMBARD 41-8x137-6. Alterations and additions to two-story frame building.
Owner.....Frances J. Sullivan.
Supt.....Geo. W. Marsh.
Contractor.....J. Eric Johanson, 110 Jessie, San Francisco.

Filed July 3, '14. Dated July 3, '14.
Rough work finished.....\$881.25
Plaster finished 881.25
Completed and accepted..... 881.25
Usual 35 days..... 881.25
TOTAL COST, \$3525.00

Bond, none. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

BUILDING OPERATIONS FOR JUNE.

Building activities throughout the city for the month of June, as reported by the Bureau of Building Inspection of the Board of Public Works, show that \$1,308,882 had been invested in building construction. There were 495 permits issued; 193 of these being for new buildings. The following is a complete report, as compiled by the Bureau:

	No. of Bldgs.	Amount
Class "A"	2	\$ 60,000
Class "B"	1	10,000
Class "C"	14	243,000
Frames	164	568,933
Alterations	302	119,147
Exposition Bldgs.	12	307,700
Total	495	\$1,308,882

NOTICE OF NON-LIABILITY.

July 3, 1914.—CLIFF HOUSE ptn Cliff House Stable and Lands South of Cliff House. Estate Adolph Sutra, dec'd by Extrs as to improvements on leased property.....

INCORPORATIONS.

Cascade Land Co. Capital Stock, \$50,000; subscribed, \$500; shares, \$100 each. Directors—W. J. Ferguson, R. Rehlow, E. J. Morser, C. G. Glibhardt, E. H. Cosgriff, 1 share each. Place of business, San Francisco.

Young Restaurant Co. Capital Stock, \$50,000; subscribed, \$500; shares, \$100 each. Directors—L. Mund, W. H. Stephens, W. H. Schmale, 1 share each. Place of business, San Francisco.

The Theograph Film Co. Capital Stock, \$1,000,000; subscribed, \$200, shares, \$100 each. Directors—J. Wallace, F. H. Doyle, G. G. Fraser, 1 share each. Place of business, S. F.

California Architectural Brick Co. Capital Stock, \$50,000; subscribed, \$50;

shares, \$1 each. Directors—G. H. Moore, G. E. Burlingame, E. M. Eyre, G. D. Ferrell, P. I. Foote, 10 shares each. Place of business, S. F.

NOTICE OF NON-RESPONSIBILITY.

June 30, 1914—MARKET NO. 927 SE 11th 225 SW 5th SW 25 SE 100 NE 15 SE 65 to NW Stevenson NE 20 NW 65 SE 110 NW 100. Panama Realty Co as to improvements on leased property.....

ARCHITECTS' CERTIFICATE.
June 30, 1914—Charles H. Barrett has filed his certificate of architecture.

COMPLETION NOTICES.

San Francisco.

June 1, 1914—E POWELL 57-6 N Washington N 20 E 60 S 17-6 W 10-10 S 2-6 W 49-2. Arthur Gosliner to Ellingson & Holt.....May 27, 1914
June 1, 1914—S PAGE 140 E Fillmore E 25xS 130. William Hencke to whom it may concern.....May 22, 1914
June 2, 1914—E SAN BRUNO AVE 125-6 S Mariposa S 25 E 111 NW 26 m or l to a pt and th W parallel with S Mariposa 108. Edward D Fallon to Frank Neldick.....June 2, 1914
June 2, 1914—E TWENTY-FIRST AVE 275 S Irving S 25xS 120. Henry H Ludolph to A Klahn & Son.....June 2, 1914
June 2, 1914—S TONQUIN 90 W Steiner E 571.25xN 687.5. Panama-Pacific International Exposition Co to Robert Dalziel Jr (Mines Bldg).....May 27, 1914
June 2, 1914—E THIRTY-FIFTH AVE 275 N Fulton N 25xS 120. The Home Builders Co to James J Fletcher.....June 2, 1914
June 2, 1914—SE PAGE & FILLMORE E 90xS 30. Rousseau Realty Co, Inc to whom it may concern.....June 2, 1914
June 2, 1914—SE LISBON 250 SW Persia SW 25xSE 100 Blk 27 Excl Hd. Wm and wife Hilda Beguhl to O E Evans.....June 1, 1914
June 3, 1914—N BUSH adj E Mills Bldg 68-9 on Bush. Ogden Mills to W P Fuller & Co.....June 2, 1914
June 3, 1914—W TWELFTH AVE 50 S Anza. Alton R Lapham to whom it may concern.....May 28, 1914
June 3, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Est Co to John G Sutton Co (2 completion notices).....June 2, 1914
June 3, 1914—W TWELFTH AVE 175 S Anza. Alton R Lapham to whom it may concern.....May 26, 1914
June 3, 1914—SW MASONIC AVE & St. Roses Ave W 550xS 540. Recreation Park Ass'n to Ward & Goodwin.....May 26, 1914
June 3, 1914—E DOLORES 55-9 N 15th N 137-6xE 90. Adrienne and Nellie Thompson to Elec Motor & Machine Co.....June 1, 1914
June 3, 1914—W HYDE 75 S Post S 39 W 56 N 40 E 36 S 1 E 20. Cameron & Disston to whom it may concern.....May 28, 1914
June 4, 1914—NW BLUXOME 125 SW 4th SW 75xNW 120. Edith D Creede to W A Goerliche.....June 1, 1914
June 4, 1914—S TONQUIN 55 E Broderick E 886.87 to center Scott x S 687.5. Panama-Pacific International Exposition Co to Lange & Berg-

strom (Agriculture Bldg.).....June 1, 1914
June 4, 1914—W SPEAR & HOWARD NW 137-6xSW 68-9. Orville C Pratt Jr to John G Sutton Co.....May 27, 1914
June 4, 1914—W TWENTIETH AVE 200 E Anza 25x120. Jeanette Yates to whom it may concern.....June 1, 1914
June 4, 1914—W SHOTWELL 80 S 15th W 60xS 30. John Rippe to F W Lurmann.....June 1, 1914
June 4, 1914—S FULTON 125 W Broderick W 25xS 137-6. Leo & Gussie Kolbe to Joshua Prout.....June 4, 1914
June 4, 1914—S LAWTON (L) 71 E 10th Ave E 25xS 75. Andrew V Anderson to whom it may concern.....May 27, 1914
June 4, 1914—S TONQUIN 90 W Steiner E 571.25xN 687.5 (Mines Bldg); * S Tonquin 90 W Steiner S 687.5xW 538.12 (Transportation Bldg); S Beach 90 W Steiner S 618.75xW 588.12 (Manufacturers Bldg.); S Beach 90 W Steiner E 571.25xN 687.5 (Varied Industries Bldg). Panama-Pacific International Exposition Co to McFell Elec Co.....June 1, 1914
June 4, 1914—W TWENTIETH AVE 225 S Anza 25x120. Jeanette Yates to whom it may concern.....June 1, 1914
June 4, 1914—S BEACH 90 W Steiner E 571.25xN 687.5. Panama-Pacific International Exposition Co to Frederick W Snook Co (Varied Industries Bldg).....June 1, 1914
June 4, 1914—S BEACH 55 E Broderick E 886.87xS 618.75. Panama-Pacific International Exposition Co to Frederick W Snook Co (Liberal Arts Bldg).....June 1, 1914
June 4, 1914—S MARKET 250 W 5th No. 933 Market. Haw Soon & Chun Show to Brandt & Stevens.....June 3, 1914
June 4, 1914—W DEVISADERO 37-6 S Ellis S 14-6 (74.6)xW 90. Mrs Viola L Elson to whom it may concern.....May 15, 1914
June 5, 1914—BROADWAY NOS. 519-521. E Camera to D Francesconi.....June 5, 1914
June 5, 1914—N CUMBERLAND 70 W Guerrero W 22-6xN 89. E P Peterson to John J Binet Co.....June 5, 1914
June 5, 1914—SE SUTTER & JONES S 100 E 100 N 100 W 72. Starr & Larsen to Smith & Johnson, June 1; Pacific Mfg Co.....May 25, 1914
June 5, 1914—SE SUTTER & JONES S 100xE 72. Starr & Larsen to Forderer Cornice Wks.....May 6, 1914
June 6, 1914—LOT 62 Corona Heights Albert and Hattie Harris to J Koshnitzki.....June 4, 1914
June 6, 1914—N TWENTY-FOURTH 25 E Vicksburg E 25xN 75. Catherine Norton to Patrick H Pierce.....June 5, 1914
June 6, 1914—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training to whom it may concern.....May 11, 1914
June 8, 1914—W SECOND AVE 289-11% S Cabrillo W 120 S 41.31 NE 126.62 to a pt 318-11% S Cabrillo N 29. S P or Samuel P and Adelaide Russell to J D Bell.....June 6, 1914
June 8, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Ralston Iron Works.....June 5, 1914
June 8, 1914—W ARGUELLO BLVD 100 S Anza S 25xW 120. Fred E and Anna I Stranahan to J D Bell.....June 6, 1914
June 8, 1914—S BEACH 55 E Broderick S along a line parallel with

Broderick 687.5xW 535.27 (Education Bldg). Panama-Pacific International Exposition Co to The Turner Co.....May 30, 1914
June 8, 1914—W TENTH AVE 175 S *Morena S 25x120. George Miller to Emil Nelson.....June 6, 1914
June 9, 1914—N BUSH adj E Mills Bldg 68-9 on Bush. Ogden Mills to United States Metal Products Co.....June 6, 1914
June 9, 1914—E JULIAN AVE 95 N 16th N 30xE 84. Nellie O'Connor to Richard Fahy.....June 5, 1914
June 9, 1914—E STOCKTON 34-0 1/2 S Pacific S 75xE 90. Eva Bennett to John S Ourish.....June 3, 1914
June 9, 1914—W CHURCH 30 S 26th S 28xW 80. Nickalas Barone to whom it may concern.....June 9, 1914
June 9, 1914—ARCADIA 25 N Joost Ave in Sunnyside. Victoria Phillips and Thomas Phillips (husband) to A M Con.....June 3, 1914
June 9, 1914—W FIFTEENTH AVE 250 N Irving N 25xW 127-6. Sunset Realty Co to Cox Bros.....June 2, 1914
June 9, 1914—N TWENTY-EIGHTH 83 E Noe E 26x114. Theodor Persson to whom it may concern.....May 16, 1916
June 9, 1914—N BUSH adjoining E Mills Bldg 68-9 on Bush. Ogden Mills to J H Keefe Co.....June 6, 1914
June 9, 1914—S TWENTY-FOURTH 100 W Church W 25xS 114. Jeanne Balleres to whom it may concern.....June 1, 1914
June 9, 1914—W DOUGLASS 380 N 17th N 26xW 68. Knut Anderson to whom it may concern.....June 8, 1914
June 9, 1914—S TONQUIN 55 E Broderick S 687.5 W 535.27 N 687.5 E 535.27 (Food Products Bldg). Panama-Pacific International Exposition Co to John G Sutton Co.....June 3, 1914
June 9, 1914—S TONQUIN 55 E Broderick E 886.87 S 687.5 W 886.87 N 687.5 to beg (Agriculture Bldg). Panama-Pacific International Exposition Co to Peterson-James Co.....June 3, 1914
June 9, 1914—W THIRTEENTH AVE 50 N "K" N 50xW 120. John Bjorkman and Oscar Swanson to whom it may concern.....June 4, 1914
June 10, 1914—E DOLORES 60 S Dorland S 38xE 100. Isaac and Samuel Friedman (as Friedman Bros) to whom it may concern.....June 3, 1914
June 10, 1914—LOT 30 BLK "B" Park Lane Tract. Agnes Kempton to M P Kempton.....June 2, 1914
June 10, 1914—W SURREY 475 N Castro. Albion Erickson to A Petersen.....May 5, 1914
June 10, 1914—W TWENTIETH AVE 125 S Lincoln W 25x120. Joseph Brady to F A Klein.....June 3, 1914
June 10, 1914—N GREEN 137-11% W Scott W 27-2 3/4xN 137-6. Maud W Dozier to Fred P Fischer.....June 2, 1914
June 10, 1914—SE UNION & GAINES E 120xS 100. National Ice & Cold Storage Co of California to Brandon & Lawson.....June 5, 1914
June 10, 1914—N FULTON 163 North Stanyan. J S Guerlin to Louis Heipner.....May 29, 1914
June 11, 1914—EXPOSITION SITE. Combined Amusement Co cpn (Lessee) to Val Franz.....June 9, 1914
June 11, 1914—W FOURTH AND Jessie NW 75xSW 75. Mary L Phelan to California Artistic Metal & Wire Co.....June 10, 1914

- June 11, 1914—NE THOMAS AVE 110 SE Keith SE 55xNE 100; NE Thomas Ave 192-6 SW Keith SE 55xNE 100. Sterling Investment Co to T L Sharman.....June 8, 1914
- June 11, 1914—E SIXTEENTH AVE 175 N Balboa N 25xE 127-6. Mrs L Rauman to J D Bell.....June 11, 1914
- June 12, 1914—SE ELLSWORTH & Powhattan. Chris Nicholson to Chris Nicholson.....June 9, 1914
- June 12, 1914—SE MOSCOW 250 NE Persia Ave NE 25xE 100. John T Grace to whom it may concern.....June 3, 1914
- June 12, 1914—W SECOND AVE 173-11½ S Cabrillo S 29xW 120. F E Oldis to whom it may concern.....May 2, 1914
- June 13, 1914—NW JACKSON AND Scott N 127-8xW 137-6. Academy of the Sacred Heart to Martin Peterson.....June 10, 1914
- June 13, 1914—N BUSH 137-6 W Jones W 68-9xN 137-6. Lizzie H Glide to whom it may concern.....June 10, 1914
- June 13, 1914—SW SUTTER AND Sansome W 69-8½ S 69-7 NE 85-10½ N 19-4½. Albert Meyer and Isaac Liebes to L & E Emanuel, Inc.....June 8, 1914
- June 15, 1914—LOT 35 BLK "K" Mission Street Land Co. Homestead Realty Co to William H Grahn.....June 10, 1914
- June 15, 1914—W ELEVENTH AVE 250 N Fulton N 25xW 120. Adolph Petry to whom it may concern.....June 10, 1914
- June 15, 1914—S BONITA 134-6 W Polk W A 47. Ernst Lanzendorf to E J Montgomery.....June 15, 1914
- June 15, 1914—N SEVENTEENTH 153 11-16 W Cole W 26-3 11-16xN 125-4½. N J Nelson to whom it may concern.....June 15, 1914
- June 15, 1914—LOT 9 and NE ptn Lot 10 Lyon & Hoag's Sub, Ashbury Terrace. Pope & Talbot Land Co to W W Rednall.....June 9, 1914
- June 16, 1914—W FORTY-FIRST Ave 75 N Irving N 25xW 120. Serafino and (wf) Maria Petrucci to whom it may concern.....June 15, 1914
- June 16, 1914—N BUSH adjoining E Mills Bldg 68-9 on Bush. Ogden Mills to James L McLaughlin.....June 13, 1914
- June 16, 1914—E SCOTT 102 N Page N 24-10x103. Fanny Roth to Lewis & Kaiser.....June 9, 1914
- June 16, 1914—N COPELAND TERRACE 225 W Mission W 52-9 Th E 25 to beg. J H Kruse to C Wengard.....June 15, 1914
- June 16, 1914—N COPELAND TERRACE 250 W Mission W 52-9 Th E to beg. J H Kruse to C Wengard.....June 15, 1-14
- June 16, 1914—N COPELAND TERRACE 200 W Mission W 52-9 Th E 25 to beg. J H Kruse to C Wengard.....June 15, 1914
- June 16, 1914—W TRINITY 68-9 N Sutter W 61-3½xN 24-4½. French American Bank of Savings (by agent P J Walker to Forderer Cornice Works, June 12, 1914; Herman Safe Co, June 8, 1914.....June 16, 1914—S CLAY 55 E Taylor E 25xS 89-9. Louis D Stoff to Otto Carson & Co.....June 11, 1914
- June 16, 1914—LOTS 8 AND 9 BLK 6, St. Francis Woods. Westgate Park Co to E E Ethernott.....June 12, 1914
- June 16, 1914—SW DIAMOND AND Clipper S 22xW 80 II A 222. Emil and wife Elsie Nelson to whom it may concern.....June 16, 1914
- June 17, 1914—N O'FAHRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. The Young & Swain Baking Co to Burch-Hoffman Co.....June 16, 1914
- June 17, 1914—SW LOMBARD AND Scott W 50xS 100. Edw H Mitchell to General Building Works Co.....June 11, 1914
- June 17, 1914—S TWENTY-NINTH 125 E Sanchez; No. 365 29th. Minnie G Vogel to G Cavaglieri.....June 17, 1914
- June 17, 1914—E TWENTIETH AVE 175 & California S 25xE 120. J M Peters to whom it may concern.....June 9, 1914
- June 17, 1914—E FIFTEENTH AVE 175 S Clement S 25xE 127-6 (127-6) Edward Ginley to whom it may concern.....June 16, 1914
- June 18, 1914—N NORTH POINT 100 W Broderick N 96xS 100 E 581-25. Panama-Pacific International Exposition Co to Strehlow, Freese & Peterson.....June 17, 1914
- June 18, 1914—W DUPONT 59-6 N Washington; No. 915½ Grant Ave. Sney Wing Society to Brandt & Stevens.....June 6, 1914
- June 18, 1914—SE VIENNA 275 SW Brazil Ave SW 25xSE 100 ptn Lot 2 Blk 61 Excl Hd. James Gleeson to whom it may concern.....June 17, 1914
- June 18, 1914—W ARGUELLO BLVD (First Ave) 125 N Fulton N 25xW 124 O L 581. William, Kathryn and Jennie Dillon to Bryant & Bishop.....June 17, 1914
- June 18, 1914—NE MORSE 30 NE Newton NE 30xSE 75. John Bjorkman to whom it may concern.....June 15, 1914
- June 18, 1914—S PERRY 105 SW Fourth SW 25x80. Marie J J Hinrichs to Harvey McCracken.....June 18, 1914
- June 18, 1914—W HYDE 127-6 N Sutter N 40 W 95 S 10 W 42-6 S 30 E 137-6 50 v 1321-1322. I Rosenberg and Joseph Cahen to Steur & Barry, Crown Cornice Works, Woods & Huddart, Palace Hardware Co, W P Fuller & Co, Thos & James McKee, Van Emon Elevator Co, The Atlas Heating & Ventilating Co, American Elec Eng Co, Pacific Mfg Co, Lacey Bros, Leutholdt & Co and Tony Damico.....June 15, 1914
- June 12, 1914—W ELEVENTH AVE 25 N Anza N 50xS2-6. A T Morris to whom it may concern.....June 11, 1914
- June 12, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Est Co to Forderer Cornice Wks.....June 11, 1914
- June 12, 1914—NE NINTH 250 SE Harrison SE 25xNE 100. P H Morgan to J A Hill.....June 11, 1914
- June 12, 1914—E TWELFTH AVE 150 S Anza S 25x120. A T Morris to whom it may concern.....June 11, 1914
- June 19, 1914—E TWENTIETH AVE 150 N Anza N 25xE 120. Margaret Hamill to Thos Hamill.....June 19, 1914
- June 19, 1914—NW MARKET 275 NE Marshall Square NW 67-9 E 160-297 SW 94-366. Katharine K Forhes to John E Beck.....June 19, 1914
- June 19, 1914—W STANYAN 393-6 2-5 S Parnassus Ave S 25xW 111-6; Lot 39 Meyers Garden. Wilford H and wife May C Williams to J D Bell.....June 19, 1914
- June 20, 1914—E EUREKA 80 S 21st S 30xW 72. Amelia E Pollard to L N Pollard.....June 18, 1914
- June 20, 1914—NE UNION & LAGUNA E 45xN 60. Annie S Kellogg to Marcus Marcuscus.....June 12, 1914
- June 20, 1914—E BUBNA VISTA Terrace (South Broderick) 76-3 N 14th N 25xE 86-3 ptn Lots 12, 13 and 14 Blk "C" Park Hill Hd. Paul A McCarthy to K H McKenzie & Co.....June 18, 1914
- June 22, 1914—E FIFTEENTH AVE 90 S Anza S 30xE 77. Leigh & Schultz to whom it may concern.....June 22, 1914
- June 22, 1914—LOT 18 BLK "N" Park Lane Tract. Geo C Todhunter to whom it may concern.....June 22, 1914
- June 22, 1914—LOT 19 BLK "N" Park Lane Tract. Geo C Todhunter to whom it may concern.....June 22, 1914
- June 22, 1914—E TWENTY-FOURTH Ave 200 S Anza S 25xE 120. Paul and Louisa Kraus, Diederich and Matilda Schwartz to Alfred Johnson.....June 18, 1914
- June 22, 1914—LOTS 1, 2, AND 3 BLK 14, Sunnyside. Clifford S Allred to whom it may concern.....June 20, 1914
- June 22, 1914—W SIXTH 125 S Howard S 25x155. H and I Wolf to McGowan & Butler.....June 12, 1914
- June 22, 1914—OCEAN AVE NO. 1025. Michele Porrazzo to Salvatore Lima.....June 22, 1914
- June 23, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of Saint Ignatius College to Acme Hardwood Floor Co.....June 17, 1914
- June 23, 1914—S BEACH 90 W Teiener S along a line parallel with Steiner 618-75 to N Bay by W 838-12. Panama-Pacific International Exposition Co to Wittman Lyman Co.....June 20, 1914
- June 23, 1914—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to Conlin & Roberts.....June 13, 1914
- June 23, 1914—N BUSH adjoining E Mills Bldg 68-9 on Bush. Ogden Mills to Rudgear Merle Co.....June 22, 1914
- June 24, 1914—N TONGVIN 50 W Broderick E 350 S 600 E 250 S 370 W 250 S 405 m or 1 W 350 N 430-27 m or 1 N 370 E 430-27 N 600. Panama-Pacific International Exposition Co to Robert C Storrie & Co.....June 20, 1914
- June 21 1914—E EIGHTEENTH AVE 50 S Anza S 50xE 95. William Klute, C H Barker and P J Knight to T E Mohler.....June 23, 1914
- June 24, 1914—W TEXAS 150 N 20th N 25. Albert Johnson to whom it may concern.....June 17, 1914
- June 24, 1914—E TENTH AVE 200 N Geary 25x120. Laura M Landers to John Haner.....June 23, 1914
- June 24, 1914—N CARMEL 160 W Cole W 26-5xN parallel with Cole 11-1 11-16. Andrew Lyon to whom it may concern.....June 24, 1914
- June 25, 1914—N PARIS 125 N Russia N 25; No. 465 Paris. Michael J and wife Ellen Dillon to P H McKenna.....June 8, 1914
- June 25, 1914—GRANT AVE NOS. 1535 and 1537. Emil Hirsch and B Altmayer to S Saari.....June 20, 1914
- June 25, 1914—SW TWELFTH AND Isis. A Penziner to Johnson & Hatland.....June 23, 1914
- June 26, 1914—SW ANZA AND 25TH Ave 25x70. Nicholas Antipa to Sarraille & Lagomarsino.....June 25, 1914
- June 26, 1914—E FIFTEENTH AVE 75 N California 25x103-6. O E Anderson to whom it may concern.....June 25, 1914

June 27, 1914—SW UNION AND Montgomery 26-3½x70. V Phillips to whom it may concern. June 27, 1914—NAPLES NO. 1126. Wm A Stark to whom it may concern. Completed — June 29, 1914—ERIE NO. 73 Ptn M B 19. Wm Haag to whom it may concern. May 16, 1914 June 29, 1914—NW CARROLL AVE & Quint SW 79.526 NW 93.13 NE 16 m or 1 SE 73.195 ptn Blk 502, Haley's Purchase. Moses Mann to whom it may concern. June 27, 1914 June 29, 1914—S RICHLAND AVE 325 W Mission Lot 8 Blk "E" French & Gilman Tel. Guerrero Realty Co to Edwin Anderson & Jno Carlson. June 27, 1914 June 29, 1914—LOT 5 BLK 4, St. Francis Wood. J M Ruth to Gunter, Hunter & Lehre. June 29, 1914 June 29, 1914—NW DE MONTFORT Ave and Faxon Ave N 50xW 100. N F Robinson to G Korlann & E Cox. June 27, 1914 June 29, 1914—SE MOSCOW 225 NE Persia Ave NE 25xSE 100 Ptn Lot 3 Blk 82, Excl Hd. John T Grace to whom it may concern. June 26, 1914 June 30, 1914—SE SUTTER & JONES S 100x E 72. S L W Starr and L C Larsen (as Starr & Larsen) to Otis Elevator Co, June 15; Joseph Musto Sons-Keehan Co, June 15; John G Sutton & Co. June 15, 1914 June 29, 1914—E MARKET and line parallel to and distant at r a 80 from S line First E 350 S 300 W 300 m or l N to beg. Okd. Pacific Gas & Elec Co to William D Halket (Bay City Iron Works. June 18, 1914 June 30, 1914—LOT 4 BLK 2 Kellogg to A Peterson. June 26, 1914 Property, Berkeley. E L Loring June 30, 1914—E GUERRERO 26-6 S 21st S 25x E 100. Sarah E McQuaide Moriarty to whom it may concern. June 29, 1914 June 30, 1914—SW LOMBARD AND Scott W 50xS 100. Edw H Mitchell to L A Rose. June 30, 1914 June 30, 1914 REAR NE POWELL & Sutter 7-6x6. V Alluisa to R De Luca. June 29, 1914 June 30, 1914—E ½ LOT 222 Jacob Heyman Sub Cobb Tract. Carl Olsen to Gus Carlson. June 30, 1914 June 30, 1914—NW JACKSON AND Scott N 127-8½xW 137-6. Academy of the Sacred Heart to General Eng Co, (Globe Indemnity Co, Surety on bond of General Eng Co) June 26, 1914 June 30, 1914—W ELEVENTH AVE 200 N Fulton N 25xW 120. Gustav Peterson to whom it may concern. June 22, 1914 July 1, 1914—PTN LOT 65 Map Park View Tract No. 2, Oakland Th. Louis H Tallman to C O Bradhoff. June 26, 1914 July 1, 1914—N FORTY-SEVENTH 372 E San Pablo Ave E 129-6xN 203. Okd. Martha Susan Bianchi to James F Cavallo. June 30, 1914 July 1, 1914—N CENTRAL AVE 108 E 5th E 34xN 100. Ala. John M and Adelaide E O'Tea to Jos Lima. June 30, 1914 July 1, 1914—E NINETEENTH AVE 175 S Wawona S 50x E 120. Carson Bldg Co, Inc to whom it may concern. June 30, 1914 July 1, 1914—S JESSIE AND NEW Montgomery SW 263-4xSE 68. MacDonald & Kahn with Sharon Estate Co to Chinton Fireproofing. June 30, 1914 July 1, 1914—NE PAGE AND GOUGH

N 120x E 27-6. George F Bernard to James F Conlan. July 1, 1914 July 1, 1914—E FIFTEENTH AVE 50 N California. Katharine E and Carrie W Bieley to O E Anderson. June 27, 1914 July 1, 1914—S GREEN 167-6 E Jones Hiram W Johnson, Jr to Marcus Marcussen. June 25, 1914 July 2, 1914—W FORTY-EIGHTH AVE 250 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland. June 24, 1914 July 2, 1914—W FORTY-EIGHTH AVE 275 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland. June 24, 1914 July 2, 1914—NW TWENTY-FIFTH and Hampshire N 76 E 100 S 76 W to beg. Protestant Episcopal Bishop of Cal. to Isaac Penny. June 1, 1914 July 2, 1914—E NINETEENTH AVE 275 S Anza S 25x120. E J Spence and T Feerick to whom it may concern. July 2, 1914 July 2, 1914—E NINETEENTH AVE 300 S Anza S 25x120. E J Spence & T Feerick to whom it may concern. July 2, 1914 July 2, 1914—LOT 41 BLK 5 Crocker Amazon Tract, Nickolaus Dewes to Dewes & Evans. July 1, 1914 July 2, 1914—W TWENTY-SECOND AVE 100 S California S 25xW 120. Arthur A and Clarence F Delino to whom it may concern. June 30, 1914 July 2, 1914—W 26.67 FEET LOT 28 Blk 18 and E 10 feet Lot 27 Blk 18, Forest Hill. Arthur Elvin and Ethel B Elvin to Arthur Elvin. July 2, 1914 July 2, 1914—E TAYLOR 150 S Union S 25x E 68-9. Emilio Solari to Frank de Martini & Co. July 1, 1914 July 2, 1914—W BRYANT 25 N 16TH N 25xW 89-3. Joachim Sass to John Casty. July 2, 1914 July 2, 1914—S PACIFIC 62-6 W Buchanan S 127-8½ W 6-3 S 37-8½ W 31-1½ N 37-8½ E 7½ in. N 127-8½ E 40. Mrs A B S Knauer to Holm & Son and Petersen-James Co. June 30, 1914 July 2, 1914—W FORTY-EIGHTH AVE 300 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland. June 24, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

June 27, 1914—S PAGE 140 E Fillmore E 25xS 130. Thomas McKee and James McKee vs William H Hencke and Frederick H Born. \$135 June 27, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 57-6. Judson Mfg Co vs Young & Swain Baking Co. \$674.48 June 29, 1914—S PAGE 140 E Fillmore E 25-4xS 137-6. Dresser McDonnell & Co vs Wm Hencke and F H Born. \$87.50 June 29, 1914—S PAGE 140 E Fillmore E 25xS 130. A E Smith and A Gall vs New Era Marble & Concrete Co vs Wm Hencke and Frederick H Born. \$180 June 29, 1914—S PAGE 140 E Fillmore. Peerless Ironing Board vs Wm Hencke. \$36 June 30, 1914—SE SUTTER & JONES S 100x E 72. Marshall & Stearns Co vs S L M Starr & L C Larsen. \$40 June 30, 1914—S PAGE 140 E Fillmore E 25xS 130. Columbia Mar-

ble Co vs William Hencke or William H Hencke and New Era Marble & Concrete Co. \$142.92 June 30, 1914—S PAGE 140 E Fillmore E 25xS 130. R E Bishop vs William Hencke and F H Born. \$17

OAKLAND AND ALAMEDA COUNTY.

WAREHOUSE—1 story, frame and corrugated iron, \$10,000. Oakland, Cal. Architect, none. Owners, Nevada Mineral Paint Co., 835 O'Farrell street, S. P. The building will be erected at the northeast corner of 10th and the Key Route tracks, covering a considerable ground area. Special machinery will be installed. No interior finish will be used. Exterior will be covered with corrugated iron. Plans are complete and in the hands of the owners who are now doing the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, G. J. Downing, 1590 Sacramento street, S. P. The dwelling will be erected on Hadden Road north of Excelsion avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, P. O. Lloyd. The dwelling will be erected in the Boyd Tract, and has been designed to contain seven rooms and bath, interior will be finished in pine and hardwood with some oak floors. There will be tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

FUNGALOWS—2, 1 story and base, frame, \$3,000 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peake Co., 2127 University avenue, Berkeley. These two houses will be erected in the Northbrae District and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be large open fire places and tile or brick mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

COLLEGE TENNIS COURTS—Frame construction. Cost not stated. Berkeley, Alameda Co., Cal. Architect, none. Owners, Regents of the University of California. Bids will be opened on July 14th for constructing new tennis court and building at the University of Cali-

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formia. Plans and specifications can be secured from the Comptroller of the University at Berkeley. An official proposal for the work appears under another heading in this issue.

STORES—1 story, frame, \$3,000, Oakland, Cal. Architect, H. K. Lovell, South Berkeley Bank Bldg., Berkeley. Owners, Price Bros., 488 Alcatraz avenue, Oakland. The building will be erected at the northwest corner of Oakgrove and College avenues and will contain three modern stores. Interiors will be finished in pine throughout. Patent store fronts and plate glass windows will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

THEATRE—1 story and base. Class C construction, \$14,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cardinet Bros. The building will be erected at the northwest corner of 12th and Kirkham streets, and has been designed to contain a modern motion picture theatre and one store. There will be a cement floor, metal lath and plaster

partitions and special electric work. Interior will be finished in pine and ornamental plaster. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, E. J. Lloyd, 1657 Walker avenue, Oakland. The dwelling will be erected on the north side of Fairbank avenue, east of Walker, and will contain seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Exterior of the building will be covered with plaster. There will be furnace heat and open fire places. The mantels are specified. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, John R. Hodge, 1749 16th avenue, Oakland. The building will be erected on the west line of 16th avenue, south of 19th street, and has been designed to contain eleven rooms and two baths. Interior will be

finished in pine. Brick mantels will be used. There will be furnace heat and open fire places. Exterior of the dwelling will be covered with cement plaster. Plans have been prepared and the work will be done by Day Labor. Materials are now being purchased and work will be started immediately.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Mrs. G. M. Rowell. The building will be erected on the corner of Parker and Elina streets. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Brick mantels are specified. Exterior of the building will be faced with cement plaster on metal lath. Tile wainscot and composition floor will be used in the bath. Plans are now being figured.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
1627	10th Ave Bapt Ch.	Vernon	450
1628	Garthwaite	Thompson	400
1633	Price	Price	3000
1634	Silver	Valente	1700
1635	Pizzola	Valente	2900
1636	Ger Old Pple Hme.	Loeber	1400
1637	Domes	Leber	1000
1638	Janson	Janson	1550
1639	Dodge	Dodge	1300
1640	Coit	Coit	2000
1645	Parsel	Jones	4500
1646	Pinel Ref	Judson	2100
1647	W'n Elec.	Pat. Ext	2054
1649	Mt. Dev	Jones	500
1651	Mandino	Lorenzen	400
1653	McKinnon	McKinnon	400
1654	Harbald	Sneell	400
1655	Valentine	Risen	400
1657	Richardson	Richardson	400
1658	Bolmer	Brewin	400
1659	Sang San	Walker	400
1661	Omo	Omo	2500
1662	Stilwell	Harns	1000
1663	Schuppert	Peterson	1100
1664	Giordano	Cormack	1450
1665	Whalen	Whalen	2500
1667	Hodge	Hodge	5000
1668	Blood	Soule	2810
1669	Clarke	Knight	4522
1671	Van Ness	Van Ness	1800
1672	McKinnie	Bane	400
1673	Vieltauser	Filtner	450
1674	Lloyd	Lloyd	3500
1675	French	Hambleton	2534
1676	French	Hambleton	2950
1677	Rohr	Delanoy	6800
1678	Joyce	Bond	178
1682	Vierra	Cardoza	400
1684	Swanson	Litton	2150

(1627) NE TENTH AVE AND E-14TH
Oakland. Alterations.

Owner.....Tenth Ave Baptist Church.
Premises.

Architect.....None.
Oakland.

Contractor.....E. Vernon, 2331 12th Ave.
COST, \$450

(1628) NO. 611, ELDORADO, Oakland
Reshingle.

Owner.....W. M. Garthwaite, Prem.
Architect.....None.

Contractor.....E. S. Thompson & Son,
3550 Broadway, Oakland.
COST, \$100

(1633) NW OAK GROVE AND COL-
lege Aves., Oakland. One-story (3)
stores.

Owner.....Price Bros., 498 Alcatraz
Ave., Oakland.

Architect.....H. K. Lovell, South Ber-
keley Bank Bldg., Bkly.
Day's work. COST, \$2000

(1634) E FREMONT 150 N 39th, oak-
land. One-story 5-room dwelling.

Owner.....M. J. Silver, 6010 Fremont
Oakland.

Architect...None.

Contractor...M. E. Valente, 5882 Vallejo
Oakland.

COST, \$1700

(1635) W TELEGRAPH AVE 152 S
17th, Oakland. Alterations.Owner.....Luigi Pizzola, 1601 Tele-
graph Ave., Oakland.Architect...A. W. Smith, 1001 Broad-
way, Oakland.Contractor...M. E. Valente, 5882 Vallejo,
Oakland.

COST, \$2900

(1636) NO. 1720 HOPKINS, Oakland. Ad-
dition.Owner.....German Old Peoples Home,
Premises.

Architect...None.

Contractor...F. Loehr, 2615 Short, Oak-
land.

COST, \$1300

(1637) NO. 1439 TENTH AVE., Oak-
land. Alterations.

Owner.....Mrs. Ada Domes, Premises.

Architect...None.

Contractor...Chas. Leber, 3020 Champion
Oakland.

COST, \$1000

(1638) NW SIXTY-THIRD & SHAT-
tuck Ave., Oakland. One and one-
half-story 5-room dwelling.

Owner.....G. Janson, 554 63rd, Okd.

Architect...None.

Day's work.

COST, \$1850

(1639) NW SIXTY-NINTH AVE 1300
NE Flora, Oakland. One-story 5-
room dwelling.Owner.....F. A. Dodge, 1905 69th Ave.
Oakland.

Architect...None.

Day's work.

COST, \$1100

(1640) S FIFTY-THIRD 100 W Shat-
tuck Ave., Oakland. One-story five-
room dwelling.Owner.....C. B. Coff, 1542 Broadway,
Oakland.Architect...Alvin J. Stern, 1512 Broad-
way, Oakland.Contractor...Roger Colt, 1512 Broad-
way, Oakland.

COST, \$2000

(1641) LOT 14 BLK 1 Amended Map
Thousand Oaks Court, Oakland Tp.
All work for two-story frame dwlg.Owner.....F. V. and Clara Parsel,
Berkeley.

Architect...None.

Contractor...Jones & McGovern, 2218
Los Angeles, Berkeley.

Filed June 29, '14. Dated June 27, '14.

Frame up..... 14

Plastered..... 14

Completed and accepted..... 14

Usual 35 days..... 14

TOTAL COST, \$1500

Bond, \$2250. Surety, Pacific Coast
Casualty Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.(1646) S LIVINGSTON 47.68 SW Shell
Mound SW 43.69 SW 439.60 SW 57.60
SW 38.60 NE 425.60 NE 244.90, Oak-
land. Structural steel for warehouse,
loading house, office structure, pump
and motor houses, garage, etc. (erec-
tion of same not included).Owner.....Pinal Dome Refining Co.,
Premises.Architect...Righetti & Headman, Phe-
lian Bldg., San Francisco.Contractor...Judson Mfg. Co., 819 Fol-
som, San Francisco.

Filed June 29, '14. Dated June 8, '14.

Steel delivered.....\$1577

Usual 35 days..... 523

TOTAL COST, \$2100

Bond, \$1050. Surety, Pacific Coast
Casualty Co. Limit, 25 days. Forfeit,
\$10. Plans and specifications filed.(1647) 710 W ON YERBA BUENA
Ave off Hollis, Oakland. Tank tower
and tanks.

Owner.....Western Elec. Co., Prem.

Architect...None.

Contractor...Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.

COST, \$2054

(1649) FOOT FALLON STREET, Oak-
land. Repairs.Owner.....Mountain Development Co.,
Farmers & Merchants Bk.,
Oakland.

Architect...None.

Contractor...F. G. Jones, 1217 Webster,
Oakland.

COST, \$500

(1651) NO. 1188 SIXTY-SECOND, Oak-
land. Alterations.

Owner.....Kandine, Premises.

Architect...None.

Contractor...Fred Lorenzon, 6145 Fre-
mont, Oakland.

COST, \$100

(1653) S FORTIETH 100 W Tele-
graph Ave., Oakland. Stable.

Owner.....Wm. McKinnon.

Architect...None.

Day's work.

COST, \$400

(1654) E GROVE 60 S 25th, Oakland.
Alterations.

Owner.....E. L. Harbald, Willows.

Architect...None.

Contractor...W. Sheel & Son, 2525 Ade-
line, Oakland.

COST, \$400

(1655) W TWENTY-THIRD AVE 150
N E-8th, Oakland. One-story 4-room
dwelling.

Owner.....Wm. Valentine.

Architect...None.

Contractor...H. G. Risen.

COST, \$100

(1657) W EIGHTY-FOURTH AVE 200
N Birch, Oakland. One-story 4-room
dwelling.Owner.....Frank Richardson, 84th Av
bet. Olive & Birch, Okd.

Architect...None.

Day's work.

COST, \$400

(1658) NO. 1167 EIGHTH, Oakland.
Addition.

Owner.....F. H. Bolmer, Premises.

Architect...None.

Contractor...P. Brewin, 1473 7th, Okd.

COST, \$400

(1659) NO. 427 NINTH, Oakland. Ad-
dition.

Owner.....Sang Sang Co., Premises.

Architect...None.

Contractor...T. G. Walker, 566 4th, Okd.

COST, \$400

(1661) W MANILA AVE 408 S Clifton
Oakland. One-story 6-room dwelling.Owner.....Fred Omo & Son, 2128 11th
Ave., Oakland.

Architect...None.

Day's work.

COST, \$2500

(1662) W FRUITVALE AVE 80 S
Hopkins, Oakland. Reshingle and
alterations.Owner.....Grace L. Stilwell, — Mon-
tana, Oakland

Architect...None.

Contractor...Harris & Hudson, 1957 E-
38th, Oakland.

COST, \$1000

(1663) NO. 1952 E-THIRTIETH, Oak-
land. Alterations.Owner.....Alce M. Schuppert, 551
22nd, Oakland.

Architect...None.

Contractor...T. S. Peterson, 5455 Boule-
vard, Oakland.

COST, \$1160

(1664) S FORTY-THIRD 115 E Mar-
ket, Oakland. One-story 4-room
dwelling.Owner.....T. Giordano, 6539 Geary,
San Francisco.

Architect...None.

Contractor...R. Cormack, 589 39th, Okd.

COST, \$1450

(1666) W GLENDORA AVE 460 N 13th
Ave., Oakland. One-story 5-room
dwelling.Owner.....J. F. Whalen, 1748 Broad-
way, Oakland.

Architect...None.

Day's work.

COST, \$2500

(1667) W SIXTEENTH AVE 70 S E-
19th, Oakland. Two-story 11-room
dwelling.Owner.....John P. Hodge, 1749 16th
Ave., Oakland.

Architect...None.

Day's work.

COST, \$5000

(1668) N FOURTEENTH 100 W Clay
N 103.70xW 50, Oakland. Reinforcing
steel for three-story and basement
Class "A" store and loft building.Owner.....Nellie E. Blood, Jessie L.
Appleton and Alliance Land
Co. (by P. J. Walker Co.,
Agent, Monadnock Bldg.,
San Francisco.)Architect...C. W. Dickey, Central Bank
Bldg., Oakland.Contractor...Edward G. Soile Co., Rialto
Bldg., San Francisco.

Filed July 1, '14. Dated June 30, '14.

On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$2840

Bond, \$1420. Surety, New England
Casualty Co. Limit, 6 days. Forfeit,
none. Plans and specifications filed.(1669) SW LINDA AVE 40.56 from NW
line Lake Ave approximately 105 feet
deep, Piedmont. All work for two-
story building (4 flats).

Owner.....W. I. Clarke, Oakland.

Architect...Chester H. Miller, 1421e
Bldg., Oakland.Contractor...Harry C. Knight, 3800
Market, Oakland.

Filed July 1, '14. Dated June 15, '14.

1st floor laid.....\$1130

Ready for roofing..... 1130

Ready for plaster..... 1130

Ready to stain..... 565

Completed and accepted..... 567

TOTAL COST, \$1522

Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.(1671) S REDWOOD ROAD opp Mor-
isco's Place, Oakland. One-story 5-
room dwelling.

Owner.....S. E. Van Ness.

Architect...None.

Day's work.

COST, \$1800

(1672) NO. 5570 TAFT AVE., Oakland.
Alterations.

Owner.....Mrs. M. McKinnie, Prem.

Architect...None.

Contractor...J. L. Bane, 5542 Taft Ave., Oakland.

COST, \$100

(1673) NO. 3437 E-FOURTEENTH, Oakland. Fire repairs.
Owner.....Frank Veltmanser, 7304 E-11th, Oakland.

Architect...None.
Contractor...Jos. Fittner, 1700 35th Ave., Oakland.

COST, \$450

(1674) N Fairbanks Ave 200 E Walker Ave., Oakland. Two-story 7-room dwelling.

Owner.....E. J. Lloyd, 1057 Walker Ave., Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.

Day's work. COST, \$3500

(1675) E OPAL 373 N 41st, Oakland. One-story 6-room dwelling.

Owner.....R. E. French, 444 11th, Oakland.
Architect...None.
Contractor...Fred Hambleton, 575 43rd, Oakland.

COST, \$2500

(1676) E OPAL 410 N 41st, Oakland. One-story 6-room dwelling.

Owner.....R. E. French, 444 11th St., Oakland.
Architect...None.
Contractor...Fred Hambleton, 575 43rd, Oakland.

COST, \$2350

(1677) NW FERNside BLVD. AND Monte Vista Ave 50x120. All work for two-story and basement dwlg.

Owner.....Libbie H. Rohr, 922 Chestnut, Alameda.
Architect...None.
Contractor...Delaney & Randlett, 2303 Central Ave., Alameda.

Filed July 2, '14. Dated June 30, '14.

Frame up	3/4
Plastered	3/4
Completed	3/4
Usual 35 days.....	3/4

TOTAL COST, \$6500

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications, none.

(1678) NO. 2317 FILBERT, Oakland. Repairs.

Owner.....Mrs. C. Joyce, 2319 Filbert, Oakland.
Architect...None.
Contractor...J. R. Bond.

Filed July 2, '14. Dated June 12, '14.

TOTAL COST, \$178.50

Bond, limit, forfeit, plans and specifications, none.

(1683) NO. 1217 EIGHTY-SECOND Ave., Oakland. Alterations.

Owner.....Mrs. G. Vierra, Premises.
Architect...None.
Contractor...Frank Cardoza, 1263 S2nd Ave., Oakland.

COST, \$400

(1684) LOT 17 Map Fruitvale Vista Tract, Oakland. All work for two-story 6-room dwelling.

Owner.....Anna L. Swanson, Okd.
Architect...None.
Contractor...Roy E. Litton, 2326 26th Ave., Oakland.

Filed July 3, '14. Dated June 25, '14.

Frame up	\$537
Interior plastering completed.....	537
Completed and accepted.....	537
Usual 35 days.....	539

TOTAL COST, \$2150

Bond, none. Limit, 65 days after July 1. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1611	Fisher	Junk	4475
1642	Downing	Downing	3500
1643	Pordon	Larmer	2000
1644	Hockenbeamer	Pearson	13750
1648	Rowe	Rowe	1000
1650	Colt	Muller	3500
1652	Draper	Nelson	5567
1655	Manhattan	May	500
1660	Berkeley	Merrilees	3732
1665	Reinhardt	Madison	1000
1679	Kidder	Nelson	2500
1680	United Bldrs	Owner	1850
1681	Letcher	Broad	3000
1682	Wilson	Carlson	500
1685	Houston	Patrick	4020

(1641) N CEDAR, 300 E Euclid, Berkeley. Two-story 8-room dwlg.

Owner.....Elnora E. Fisher, 2324 Virginia, Berkeley.
Architect...None.
Contractor...Junk-Riddell Invst. Co., 2247 Telegraph Ave., Okd.

COST, \$1475

(1642) W HADDON ROAD 420 N Excelsior Ave., Berkeley. Two-story 7-room dwelling.

Owner.....G. J. Downing, 1590 Sacramento, San Francisco.
Architect...A. W. Smith, 1010 Broadway, Oakland.

Day's work. COST, \$3500

(1643) NE ASHBY AND CALIFORNIA 40x45, Berkeley. All work for one-story dwelling.

Owner.....E. Pordon, 1623 Ashby Ave., Berkeley.
Architect...L. Mastropasqua, Columbus Savings Bank Bldg., S. F.

Contractor...Edward W. Larmer, 470 Boulevard Way, Berkeley.

Filed June 29, '14. Dated

Frame up	3/4
Brown coated	3/4
Completed and accepted.....	3/4
Usual 35 days.....	3/4

TOTAL COST, \$2000

Bond, \$1000. Surety, F. Montano. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1644) LOT 3 BLK 3, Arlington Heights, Berkeley. All work except plumbing, heating and vacuum cleaning for two-story attic and basement frame dwelling.

Owner.....A. F. Hockenbeamer, 1320 Arch, Berkeley.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor...Ben Pearson, 2403 Grant Berkeley.

Filed June 29, '14. Dated June 29, '14.

Frame up and boarded in, chimneys up and rough plumbing in.....	3/4
Brown coated	3/4
Completed and accepted.....	3/4
Usual 35 days.....	3/4

TOTAL COST, \$13,780

Bond, \$6890. Surety, National Surety Co. Limit, Nov. 1, 1914. Forfeit, none. Plans and specifications filed.

(1648) S PANORAMIC WAY 400 from Bancroft, Berkeley. Addition.

Owner.....Henry Rowe, 48 Panoramic Way, Berkeley.
Architect...None.

Day's work. COST, \$1000

(1650) NW SHATTUCK AVE AND Virginia, Berkeley. One-story 4-room store building.

Owner.....Roger Colt, 315 Fairmont Oakland.

Architect...None.
Contractor...F. A. Muller, 665 61st, Okd.

COST, \$3500

(1652) S PARK SIDE DRIVE opp The Plaza, Berkeley. Two-story 8-room dwelling.

Owner.....P. A. Draper, 2511 Woolsey, Berkeley.
Architect...None.

Contractor...H. P. Nelson, 2241 Grove, Berkeley.

COST, \$5367

(1656) S DWIGHT WAY 300 W Grove, Berkeley. Tank frame.

Owner.....Manhattan Laundry Co., 1512 Dwight Way, Bkly.
Architect...None.

Contractor...Robt. L. May.

COST, \$500

(1660) SW NINTH & SNYDER, Berkeley. Finish two rooms.

Owner.....Berkeley Board of Education, 2033 Allston Way, Berkeley.
Architect...None.

Contractor...J. M. Merrilees & Co., 2916 Grove, Berkeley.

COST, \$3792

(1665) NO. 2401 DURANT AVE., Berkeley. Alterations.

Owner.....Dr. Geo. F. Reinhardt, 2434 Durant Ave., Berkeley.
Architect...None.

Contractor...C. R. Madison, Shattuck Ave and Addison, Bkly.

COST, \$1000

(1679) W SHATTUCK AVE 41.5 N Blake N 38.5 W 139.15 S 38.4 E 136.44, Berkeley. Concrete walls, piers, footings, columns, beams, floor driveway, repair side walk and reinforcing steel for one-story building.

Owner.....Kidder & McCullough, 2975 Addison, Berkeley.
Architect...None.

Contractor...F. E. Nelson, 3090 King, Berkeley.

Filed July 2, '14. Dated June 26, '14.

July 20, 1914.....	75%
Usual 35 days.....	25%

TOTAL COST, \$2500

Bond, \$1250. Surety, U. S. Fidelity & Guaranty Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(1680) W LEE 200 S Ashby Ave., Berkeley. One-story 5-room dwelling.

Owner.....United Home Bldrs. 1762 Broadway, Berkeley.
Architect...None.

Day's work. COST, \$1850

(1681) N DURANT AVE 150 W Ellsworth, Berkeley. Alter dwelling into apartments.

Owner.....Bland Letcher, 2233 Durant Ave., Berkeley.
Architect...None.

Contractor...A. H. Broad, 2117 Kittredge, Berkeley.

COST, \$3000

(1682) N HASTE 200 W Bowditch, Berkeley. One-story 1-room school.

Owner.....Mrs. M. Wilson, Heads School, Berkeley.
Architect...None.

Contractor...J. Nelson-Carlson.

COST, \$500

(1685) LOT 31 BLK 3 Northbrae, Berkeley. All work for two-story 7-room frame dwelling.

Owner.....Albert Houston, S. F.
 Architect.....None.
 Contractor.....Nelson-Bldg., Co.,
 2011 Shattuck Ave., Bkly.
 Filed July 3, '14. Dated April 10, '14.
 Contract signed\$753.70
 Brown coated 600.00
 Completed 600.00
 Usual 35 days..... 600.00
 Balance by note.....
 TOTAL COST, \$1020.00
 Bond, \$2010. Surety, U. S. Fidelity &
 Guaranty Co. Limit, 80 days. Forfeit,
 \$1. Plans and specifications, none.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1629	Grob	Leloh	475
1630	Tyson	Jones	1200
1631	Borden	Metal Shelter	400
1632	MacDonald	MacDonald	300
1670	O'Dea	Lima	2100

(1629) NO. 3013 MADISON, Alameda.
 Add to dwelling.
 Owner.....H. Grob, Premises.
 Architect.....None.
 Contractor.....F. O. Leloh, 2007 Madison,
 Alameda.
 COST, \$475

(1630) NO. 1015 SHERMAN, Alameda.
 Alterations to dwelling.
 Owner.....Jas. Tyson, Premises.
 Architect.....None.
 Contractor.....Paul K. Jones, 180 Jessie,
 San Francisco.
 COST, \$1200

(1631) NO. 1558 PACIFIC AVE., Ala-
 ameda, Garage.
 Owner.....P. L. Borden, Premises.
 Architect.....None.
 Contractor.....Metal Shelter Co. of Cali-
 fornia, 1501 Van Ness Ave.,
 San Francisco.
 COST, \$400

(1632) NO. 622 TAYLOR AVE., Ala-
 ameda. One-story 3-room dwelling.
 Owner.....H. MacDonald, Premises.
 Architect.....None.
 Day's work.
 COST, \$400

(1670) NO. 13-A Map Lands Teutonic
 Park and Homestead Ass'n., at Ala-
 ameda. All work for one-story 5-room
 dwelling.
 Owner.....John M. and Adelaide E.
 O'Dea.
 Architect.....None.
 Contractor.....Jos. Lima, 1459 45th Ave.,
 Oakland.

Filed July 1, '14. Dated April 1, '14.
 Rafters up 1/4
 Brown coated 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2100
 Bond, limit, forfeit, none. Plans and
 specifications filed.

COMPLETION NOTICES.

ALAMEDA COUNTY.

June 27, 1914—LOTS 4 AND 6, Wa-
 dean Tract, Okd. Jas B Dean and
 G F Wade to G B Hollenbeck....
June 27, 1914
 June 27, 1914—W WEST 68-6 N 41st
 being ptn Lot 7 and all Lot 8 and
 ptn Lot 9 Bk 2083 Map Paradise
 Plot, Okd. Mario Piccolo to H.
 Goranson.....June 27, 1914
 June 29, 1914—S MERA 60 W 40th
 Ave 40x120, Okd. George A Barnett
 to H Broadway.....June 20, 1914

June 29, 1914—SE TELEGRAPH AVE
 and Durant Ave th along E Line
 Telegraph Ave 90 E 110, Bkly. Geo
 Clark and J A Elston to J F Bar-
 rett and H H Hill Jr.....June 25, 1914
 June 29, 1914—LOT 7 Map Partition
 Estate Wm Tyson, dec'd, Niles. C
 E Martensfeld to F C Griffin &
 SonsJune 26, 1914
 June 30, 1914—W SCHOOL 200 S of
 County Road from Centerville to
 Niles W 267.69 SE 135.11 NE 157.73,
 Washington Tp. The Country Club
 of Washington Township to Lewis
 & Silva.....June 29, 1914
 June 30, 1914—LOT 13 AND 14 BLK
 M-1394 Sbdvn Blk "M" Roberts &
 Wolfskill Tract, Alameda Co. G
 I Cappellini to M C Vaughn.....
June 22, 1914
 June 30, 1914—N RUSSELL 130-1 W
 McGee Ave W 32xN120, Bkly. W V
 Sweeney to A H Pallen.....June 29, 1914
 June 30, 1914—E PARK 192.85 A
 Central Ave N 75.08 E 80 N 25 E
 60 S 100.08 W 140, Ala. Charles
 S Neal to John R Cahill.....June 26, 1914
 June 30, 1914—N RUSSELL 162-1 W
 McGee Ave W 32xN 120, Bkly. M
 V Sweeney to A H Pallen.....June 29, 1914
 July 1, 1914—SW TWENTY-SECOND
 and Grove S3.13x129.38, Okd. San
 Francisco Oakland Terminal Rail-
 ways to Baccus & Kennedy.....
June 30, 1914
 July 2, 1914—LOT 4 BLK 6 Map Had-
 don Road, Okd. Jeannette A Jordan
 to Jos Flittner.....June 30, 1914
 July 1, 1914—LOT 15 BLK "Y" Re-
 gents Park Tract No. 1, Bkly. E L
 Hiteman to whom it may concern
June 29, 1914

LIENS FILED.

ALAMEDA COUNTY.

June 27, 1914—LOT 58 Map Resub-
 division Peralta Park, Bkly. Contra
 Costa Bldg Material Co vs C W and
 C M Blabon and C M Blabon Co and
 W H Little\$196.33
 June 27, 1914—SE SIXTEENTH AND
 San Pablo Ave approximately 50x50,
 Okd. Deane Steam Pump Co vs F
 J Walker Co, Frederick W Snook
 Co and A C Hanna.....\$365.40
 June 29, 1914—NW SEVENTH AND
 Pardee N 96xW 25, Bkly. Brittain
 & Co vs Wm T Haley and May
 Mabel Haley\$415.50
 July 1, 1914—LOT 27-B 22 Map North
 Cragmont Tract, Oakland Tp. L
 E Wilber vs Frank A and Dorothy
 M Brown and Patrick Nelson Bldg
 Co\$100

SAN JOSE AND THE SANTA CLARA VALLEY

CULVERTS—3, reinforced concrete.
 Cost not stated. San Jose, Santa Clara
 Co., Cal. Engineer, County Surveyor,
 San Jose. Owners, Santa Clara County.
 These three road culverts will be
 erected in the Fifth Road District.
 Plans are complete and figures are now
 being taken. Bids will be opened on
 July 20th. Plans and specifications
 can be secured from the County Sur-
 veyor.

SCHOOL—2 story and base, rein-
 forced concrete. Cost not stated. Santa
 Cruz, Santa Cruz Co., Cal. Architect, W.
 H. Weeks, 75 Post street, S. F. Owners,
 Santa Cruz Union High School District.
 Bids opened for this work show Peterson
 & Wilson, S. F., low on the general
 construction at approximately \$43,800;

Sengrini Bros., Santa Cruz, low on the
 plumbing at \$4,254.50, and J. C. Hurley,
 S. F., low on the heating and ventila-
 ting at \$6,685. Contracts will probably
 be awarded these firms. A complete
 list of the figures will be found under
 the heading of San Jose and the Santa
 Clara Valley in this issue.

THEATRE ALTERATION—1 story,
 brick, \$6,000. San Jose, Santa Clara
 Co., Cal. Architect, none. Owner,
 James Beatty, 716 South 5th street, San
 Jose. The work will consist of the
 complete overhauling of a one-story
 brick building on South Market street.
 There will be new plastering, electric
 work, painting, interior finish and
 plumbing. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE — 2 story and base,
 frame. Cost not stated. Hillborough,
 San Mateo Co., Cal. Architects, Havens
 & Toepke, 46 Kearny street, S. F.
 Owner, George R. Shreve. The build-
 ing will be erected on Santa Inez and
 Mifford avenues, and has been designed
 to contain a large number of rooms
 and baths. Interior of the dwelling
 will be finished in pine and hardwoods.
 Hardwood floors will be used in the
 principal rooms. There will be fur-
 nace heat and open fire places. An au-
 tomatic water heater will be installed.
 Mantels will be of tile. Exterior of
 the building will be covered with ce-
 ment plaster on metal lath. Plans are
 now being figured.

RESIDENCES—1 and 2 story, frame.
 San Jose, Santa Clara Co., Cal. Archi-
 tect, none. The following Day Labor
 jobs are reported as about to be start-
 ed in San Jose: C. S. Rea, San Jose, 1
 story, frame, \$1,500; S. B. Druck, San
 Jose, 1 story, frame, \$1,500; Mrs. E. C.
 Ferguson, San Jose, 2 story, frame, \$2,-
 000; O. P. Sider, 1009 East Santa Clara,
 1 story, frame, \$1,000; Alex Consola-
 sion, 1 story, frame, \$300.

Santa Cruz School Bids Are Opened.

Peterson & Wilson of San Francisco
 Low on General Construction and
 Will Get Contract.

(By Special Wire.)

SANTA CRUZ, CAL., July 2nd, 1914—
 An exceptionally large number of
 figures were opened by the Board of
 Education for the construction of a
 new two-story and basement reinforced
 concrete school, designed by Architect
 W. H. Weeks, San Francisco. Peterson
 & Wilson of San Francisco sub-
 mitted the lowest bid at approximately
 \$43,800 on Proposition No. 2, and will
 be awarded the contract. Sengrini
 Bros. of Santa Cruz were low on the
 plumbing at \$4,254.50 with Boyd, Kerr
 & McLean next at \$4,310. The heating
 and ventilating is between J. C. Hur-
 ley of San Francisco with a bid of
 \$6,788 and The Pacific Blower and
 Heating Co. at \$6,685. Mr. Hurley's
 bid having some special allowances
 which will be considered by the Board.
 Following is a complete list of the
 figures received on Proposition No. 2,
 which has been accepted by the Board
 of Education:

Santa Cruz School,
 R. O. Summers, San Jose.....\$51,872
 Williams Bros. & Henderson, San
 Francisco 46,162
 Boyd, Kerr & McLean, S. F..... 50,604

Schnebley, Hostrowski & Ped-griff, Oakland \$3,829
 H. A. Klyce, & Constr. Co., S. F. 52,000
 Graham & Jensen, S. F. 49,522
 Peterson & Wilson, S. F. \$42,000 plus
 4% on all sub-contracts not awarded
 to them, which will bring their bid to
 approximately \$43,800.

Sengrind Bros., Santa Cruz, were low
 on the plumbing at \$1,254.50, with
 Boyd, Kerr & McLean next at \$1,310.

The three lowest bids for the heat-
 ing and ventilating were as follows:
 J. C. Hurley, \$6,788; Pacific Blower &
 Heating Co., \$6,683, and The Scott Co.,
 \$6,690.

San Jose Native Sons Will Build.

Select Site and Complete Arrangements
 For Five-story Class "A" Lodge
 Hall on North First Street.

SAN JOSE, CAL.—Keeping in line
 with the progress of the order the
 Native Sons of the Golden West, the
 San Jose parlor, have decided to erect
 a five-story and basement Class "A"
 store and lodge building on North
 First street, San Jose. With the ex-
 ception of the present building in San
 Francisco, this building will be the
 most modern and best furnished frat-
 ernal edifice erected by the order. It will
 be of reinforced concrete construction
 and fireproof throughout.

According to the design submitted,
 the lower floor is to contain stores; the
 second floor offices for professional men
 while the third and fourth floors will
 be used exclusively for lodge purposes.
 The fifth floor will consist of a spacious
 ball room or assembly hall, which will
 contain a large brick fireplace, stage
 and cloak rooms. The roof will be used
 as an open air dancing pavilion or roof
 garden. The plans may be altered in
 regard to the first, second and third
 floors, as a local capitalist is endeavor-
 ing to secure certain rights, and if the
 proper connections are made, intends
 to lease the lower portion of the build-
 ing for a Class "A" theatre.

The direction of the work is in the
 hands of the Directors of the Native
 Sons Hall Association and under the
 supervision of Architect Louis T. Len-
 zen, of San Jose, who prepared plans
 for the structure. Mr. Lenzen states
 that the building will cost in the neigh-
 borhood of \$100,000 and will rank sec-
 ond among the lodge buildings erected
 on the Pacific Coast.

Funds are now being raised for the
 erection of the building and construc-
 tion is expected to start at an early
 date.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

COR. BRYANT AND LOWELL STS.,
 Seale Tract, Palo Alto. All work for
 frame dwelling and garage.

Owner.....H. L. Haehl, Palo Alto.
 Architect.....J. H. Thomas, 1st National
 Bank Bldg., Berkeley.
 Contractor.....H. J. Ross, Palo Alto.
 Filed June 9, '14. Dated June 8, '14.
 Frame up\$351.75
 Brown plaster on 351.75
 When accepted 351.75
 Usual 35 days 351.75
TOTAL COST, \$14,067.00

Bond, \$7033.50. Surety, Maryland
 Casualty Co. Limit, 120 days. Forfeit,
 none. Plans and specifications filed.

SE MARTIN AND TELLMAN AVES.,
 Hanchett Park Tract, San Jose. All
 work for two-story frame dwelling.
 Owner.....Mrs. E. I. Smith, San Jose.
 Architect.....A. P. Hill Jr., Elks' Bldg.,
 San Jose.

Contractor.....R. C. Herschbach.
 Filed June 5, '14. Dated June 5, '14.
 Frame up 1/4
 Plaster on 1/4
 When completed 1/4
 Usual 35 days 1/4

TOTAL COST, \$4308

Bond, \$2145. Sureties, D. B. Hersch-
 bach and Geo. Leaman. Limit, 90 days.
 Forfeit, none. Plans and specifications
 filed.

COR. OF BEAU AND TAIT AVES., Los
 Gatos. All work for frame church
 and remodeling of old church.
 Owner.....The Roman Catholic Arch-
 bishop of the Diocese, 1100
 Franklin, San Francisco.

Architect.....L. T. Lenzen, 110 S-2nd,
 San Jose.

Contractor.....H. Hooper, Los Gatos.
 Filed June 5, '14. Dated May 28, '14.
 Frame up and covered\$1500
 Steps, plaster, windows and doors
 done 1500
 When building completed 1500
 Usual 35 days 1500

TOTAL COST, \$6000

Bond, \$3000. Sureties, Z. S. Reggs and
 W. K. Nichols. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

CERTAIN LOT CITY OF PALO ALTO;
 N corner Channing Ave and Cowper,
 Palo Alto. All work for frame social
 hall.

Owner.....The Unitarian Society of
 Palo Alto Bldg. Committee.
 Architect.....None.

Contractor.....H. L. Upham, Palo Alto.
 Filed June 5, '14. Dated June 1, '14.
 Frame up\$693.00
 Enclosed and plumbing in 693.00
 When accepted 693.00
 Usual 35 days 693.00

TOTAL COST, \$2772.50

Bond, \$—-. Sureties, H. L. Upham and
 Morrison Lumber Co. Limit, 60 days.
 Forfeit, none. Plans and specifications
 filed.

NO. 527 N-THIRD ST., San Jose. All
 work for one-story frame cottage.

Owner.....Thos. Lynn, San Jose.

Architect.....L. D. Wolfe, 1st National

Bank Bldg., San Jose.

Contractor.....C. F. Kiesling, 347 Coe

Ave., San Jose.

Filed June 8, '14. Dated May 27, '14.

Frame up\$581.25

1st coat plaster on 581.25

Building completed 581.25

Usual 35 days 581.25

TOTAL COST, \$2325.00

Bond, \$1162.50. Sureties, C. F. and E.
 E. Kiesling. Limit, 60 days. Forfeit,
 \$2.50 per day. Plans and specifications
 filed.

N UNIVERSITY AVE, bet Emerson
 and Ramona, Palo Alto. All work
 for reinforced concrete theatre.

Owner.....Florence M. Boardman

Estate, Oakland.

Architect.....J. H. Boehrer, Delger Bldg

Oakland.

Contractor.....E. A. nettinger, Palo Alto.

Filed June 9, '14. Dated June 8, '14.

On 1st and 15th of each month... 75%

Usual 35 days 25%

TOTAL COST, \$14,340

Bond, \$7200. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 60
 days. Forfeit, \$10 per day. Plans and
 specifications filed.

NEAR SAN JOSE—11.43 chs—South of
 the Stevens Creek Road on west side
 Cypress Ave part of Sec. 15 Twp. 7
 south Range 1 west M. D. M. All
 work for one-story frame residence.
 Owner.....H. J. Martin, W Cypress
 Ave. S of Stevens Creek
 Road, R F D 9 Box 96, San
 Jose.

Architect.....F. L. Hoyt.

Contractor.....F. L. Hoyt, 58 W-Santa
 Clara, San Jose.

Filed June 10, '14. Dated June 10, '14.

Foundation in\$775

Roofed and plastered and exterior

painted one 775

When completed 775

Usual 35 days 775

TOTAL COST, \$3100

Bond, none. Limit, 60 days. Forfeit,
 \$5. Plans and specifications filed.

WARM AIR HEATING SYSTEM ON
 above.

Contractor.....Scott Company, 243 Minna,
 San Francisco.

Filed June 12, '14. Dated June 9, '14.

When completed\$447

Usual 35 days 150

TOTAL COST, \$597

Bond, none. Limit, before Jan. 15, 1915
 Forfeit, \$10 per day. Plans and spec-
 ifications filed.

SEWERING, PLUMBING, GAS FITTING
 and other work on above.

Contractor.....E. C. Curtis, 403 8th, S. F.

Filed June 12, '14. Dated June 9, '14.

Plumbing roughed in and passed

by the inspector and architect...\$700

Contract completed 710

Usual 35 days 471

TOTAL COST, \$1881

Bond, \$475. Sureties, C. K. Blinder and
 M. Geraghty. Limit, by Jan. 15, '15.
 Forfeit, \$10 per day. Plans and spec-
 ifications filed.

LOTS 21 AND 22 Hobson Tract, San
 Jose. All work for one-story frame
 dwelling and garage.

Owner.....G. Holtum, 673 N- First St.,
 San Jose.

Architect.....Altken & Richards, Theatre
 Bldg., San Jose.

Contractor.....J. E. Perkins, 1100 E-Santa
 Clara, San Jose.

Filed June 11, '14. Dated June 11, '14.

Frame up 25%

1st coat plaster on 25%

When completed 25%

Usual 35 days 25%

TOTAL COST, \$3215

Bond, \$1666. Sureties, H. P. Damon and
 Otto Schnable. Limit, 75 days. For-
 feit, \$10. Plans and specifications filed.

NW COWPER AND KINGSLEY STS.,
 City of Palo Alto. Painting, stain-
 ing, varnishing, canvas, tinting and
 other work for frame residence and
 garage.

Owner.....F. W. Allen, Palo Alto.

Architect.....Smith O'Brien, Humboldt

Bank Bldg., San Francisco.

Contractor.....F. Kiesel, 703 Laguna,

San Francisco.

Filed June 12, '14. Dated June 9, '14.

On 1st of each month 75%

Usual 35 days 25%

TOTAL COST, \$1135

Bond, none. Limit, June 15, 1915. Forfeited, \$10. Plans and specifications filed.

ELECTRIC WORK ON ABOVE.

Contractor..Globe Electric Works, 1959 Mission, San Francisco.

Filed June 12, '14. Dated June 9, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$568

Bond, none. Limit, by Jan. 15, 1915. Forfeited, \$10. Plans and specifications filed.

GRADING, CARPENTER WORK, ETC., lathing, plastering, sheet metal, etc., on above.

Contractor..Brookhage, Foley & Green, 1335 Natoma, San Francisco

Filed June 12, '14. Dated June 9, '14.
Payments same as above.....

TOTAL COST, \$16,890

Bond, \$4223. Sureties, D. O. Drunfelt and P. H. Beaver. Limit, before Jan. 15, 1915. Forfeited, \$10. Plans and specifications filed.

ON E SIDE HOMESTEAD ROAD just S of Burrell property, being part of the Glendenning Partition, San Jose. All work for one-story frame dwelling.

Owner.....F. B. Bailey, San Jose.
Architect.....None.

Contractor..H. W. Dangerfield, 51 So-22nd St., San Jose.

Filed June 18, '14. Dated June 17, '14.
Frame enclosed\$617.50
When plastered 617.50
When completed 617.50
Usual 35 days..... 617.50

TOTAL COST, \$2470.00

Bond, none. Limit, 80 days. Forfeited, none. Plans and specifications filed.

25 FEET S OF THE HIGH TENSION Laboratory, Stanford University Campus, Palo Alto. Moving barn No. 1 and the bunk house.

Owner.....Stanford University Trustees.

Architect...O. S. Warner.

Contractor..J. F. Archibald, San Mateo County.

Filed June 24, '14. Dated June 18, '14.
15 days after commencement of all work 75%
45 days after commencement of all work 75%

75 days after commencement of all work 75%
All but \$500 to be paid contractor when completed

TOTAL COST, \$2000

Bond, \$1000. Surety, American Surety Co. Limit, 75 days. Forfeited, none. Plans and specifications filed.

ON FIRST NEAR REED. San Jose. All work for alteration of one-story frame building.

Owner.....L. H. Moise, 1636 Market, San Francisco.

Architect...Aitken & Richards, Theatre Bldg., San Jose.

Contractor..R. Wenk, 401 Keyes St., San Jose.

Filed June 27, '14. Dated June 26, '14.
Old building wrecked and hauled away 25%

New frame up..... 25%
Building accepted..... 25%
Usual 35 days..... 25%

TOTAL COST, \$1650

Bond, \$—, Sureties, S. H. Chase Jr. and O. Promis. Limit, 30 days. Forfeited, \$10. Plans and specifications filed.

NOS. 65 TO 71 S-MARKET ST., San Jose. Remodeling brick building for theatre.

Owner.....James Beatty, 716 S-5th, San Jose.

Architect...None.
Day's work..... **COST, \$6000**

NO. 60 S-FIFTEENTH ST., San Jose. Five-room cottage.

Owner.....Mrs. Rettle Williams, Prem Architect...None.

Contractor..S. G. Pelton, 445 S-Thrd St., San Jose.

COST, \$2000

NW WASHINGTON AND SIXTEENTH Sts., San Jose. Six-room cottage.

Owner.....Mrs. E. C. Ferguson, Prem. Architect...None.

Day's work..... **COST, \$2000**

NW GRANT AND FIRST STS., San Jose. Repair building.

Owner.....M. W. Lipe, Premises. Architect...None.

Day's work..... **COST, \$850**

NO. 356 N-EIGHTH, San Jose. Front porch and repairs.

Owner.....Mrs. S. Peters, Premises. Architect...None.

Day's work..... **COST, \$400**

NO. 1069 E-SANTA CLARA ST., San Jose. Five-room cottage.

Owner.....O. P. Sider, Premises. Architect...None.

Day's work..... **COST, \$1000**

W TWENTIETH N of Taylor, San Jose. Four-room cottage.

Owner.....Alex Consolasion, Prem. Architect...None.

Day's work..... **COST, \$800**

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
June 27, 1914—LOT 15 BLK 16, Daly City. Otto Brooks vs J C Stroms-wold and M Berman.....\$26

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

CHURCH—1 story, frame and plaster, \$1,200. Sebastopol, Sonoma Co., Cal. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, St. Mark's Mission, Rev. Ernest Bradley. The building will be designed in the Mission style and will contain besides the auditorium a large Sunday school room. Interior finish will be of pine throughout. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BATH HOUSE MECHANICAL EQUIP-MENT—Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, San Rafael, Owners, City of San Rafael. All bids received for the mechanical equipment for the new Municipal Bath House at San Rafael have been rejected as being above the amount available for the installation. A contract for the steel tank for the baths was awarded to the Des Moines Bridge and Iron Works at \$3,290. The following is a list of the bids received for the mechanical equipment:
Kiernan & O'Brien\$11,533.00
Victor Eng. Co. 11,325.00
J. E. O'Mara 10,750.00

American Machine Works 9,999.99
Pacific Fire Extinguisher Co., 10,353.00
Peterson-James & Co. 9,500.00
J. C. Hurley Co. 8,960.00

BULKHEAD AND RETAINING WALL—Timber and concrete construction. Cost not stated. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Plans and specifications for a portion of the bulkhead and retaining wall work for the Outer Harbor project at Richmond have been completed and approved. Bids are now being called for and will be opened on July 20th. Plans and specifications can be obtained from the engineers. An official proposal for the work appears in another column of this issue.

SCHOOL—2 story and base, brick, \$50,000. Pittsburgh, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburgh School District. The time for opening bids on the work has been extended until July 15th at 7 p. m. The building will contain 12 class rooms, an auditorium and teachers' rooms. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat, vacuum cleaning and program clocks. Segregated figures are being taken. Plans and specifications can be secured from the architect.

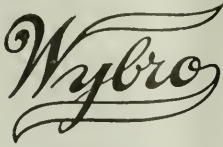
SEWER CONSTRUCTION—Cost not stated. Sausalito, Marin Co., Cal. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. Bids will be opened on July 13th at 8 p. m. for constructing sewers in Sections A, B, and C. Plans and specifications can be secured from the City Engineer. Separate proposals must be submitted for each section of the work together with unit prices.

THEATRE AND STORES—2 story and base. Class A construction, \$50,000 to \$60,000. Santa Rosa, Sonoma Co., Cal. Architect, Lewis Cowles, Santa Rosa. Owners, represented by J. M. Whittingham, Santa Rosa. The building will be erected at the corner of 4th and A streets, and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame, concrete and brick exterior walls and fireproof partitions. The theatre will have a seating capacity of 1,200 people and will contain a completely equipped stage large enough to handle the best road shows. Interior of the auditorium will be handsomely finished in pine and ornamental plaster. Besides the theatre proper the ground floor will be arranged for a number of stores. Upper floor will contain offices. Plans provide for steam heat, a modern system of ventilation and special lighting effects. Exterior will be faced with pressed brick. Construction will be undertaken at once.

Contracts Awarded.

DIKE REINFORCEMENT—Earth and concrete, \$29,837. Mare Island, Cal. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Contractors, Thomson Bridge Co., S. F. Contract price, \$29,837.

WHARFAGE—Timber construction. Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, Engineering Department Standard Oil Company. Owners, Standard Oil Co. Contractors,



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San Francisco

Hyde-Harjes Co., S. F. Contract price not stated.

STREET PAVING—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, City Improvement Co., S. F. Contract price, 15½¢ per square foot.

STREET PAVING—\$104,000. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Contractors, Clarke-Henry Co., Sacramento. Contract price, \$104,000.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **ACCEPTED**
June 27, 1914—SITUATE IN SAN Rafael. Charles F Hyams to Phil Le Cornec.....June 18, 1914
June 30, 1914—SAN RAFAEL, Marin Co. Lionel H Smith to L E WarderJune 25, 1914

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOT 17 BLK 1, Town of Antioch. Carpentry, plastering, plumbing, hardware, sheet metal work, electric work, painting and other work except excavating, concrete and brick work for two-story Class "C" store and office building.

Owner.....John McAravy, Antioch.
Architect...A. W. Cornelius, Merchants National Bank Bldg., S. F.
Contractor...John M. Bartlett, 1706 Parker, Berkeley.

Filed June 27, '14. Dated June 22, '14.
As work progresses.....75%
Usual 35 days.....25%

TOTAL COST, \$5537

Bond, \$2800. Surety, Southwestern Surety Insurance Co. Limit, \$0 working days. Forfeit, \$5 per day. Plans and specifications filed.

ALAMO SCHOOL LOT, bounded E by County Road, W by land of J. C. Jones, N by lands of J C Jones and S by lands of D. C. Bell, Mrs. A. Smith and Mrs. Markel. Concrete work, carpentry, painting, plastering, electrical work, tin work and patent chimneys for addition to Alamo School.

Owner.....Trustees Alamo School District, Alamo.
Architect...Neil Harrison, Danville.
Contractor...Stephen Howard Johnson, Danville.

Filed June 30, '14. Dated June 26, '14.
Frame up\$268
2nd coat plaster on.....268
Completed and accepted.....268
Usual 35 days.....267

TOTAL COST, \$1071

Bond, \$550. Surety, Ben O. Johnson. Limit, 40 working days. Forfeit, \$1 per day. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
June 30, 1914—LOT 48 BLK 3 Map of Richmond Villa Tract, Richmond. Hoyt & Greene to C D Knolly.....June 26, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGES—9 steel and reinforced concrete. Cost not stated. Madera, Madera Co., Cal. Engineers, Leonard & Day, Rialto Bldg., S. F., and Post & Thomas, Los Angeles. Owners, Madera County. The Supervisors of Madera County, after a continuous three-day session adopted plans for nine new county bridges which will replace those washed out last year. Five of the new bridges will be designed by Engineers Leonard & Day, Rialto Bldg., S. F., and four by Post & Thomas of Los Angeles. The bridges to be built will be located as follows: Two over Cottonwood Creek, one on the county road and the other on the State Highway; one the first slough south of Berenda; second slough south of Berenda; county highway at Walter's Creek; county highway at Fine Gold; Berenda slough south of Chow Chilla; Ash creek, and one other.

ICE PLANT—1 story, brick and steel, \$30,000. Visalia, Tulare Co., Cal. Architect's name not given. Owners, Visalia Manufacturing Co., S. J. Scott, Mgr., Visalia. S. J. Scott, manager of the Visalia Manufacturing Co., at Visalia, states that construction of a \$30,000 ice plant, having a daily output of 20 tons is assured. Construction of the building and installation of the machinery will be started early in the fall.

HOTEL ALTERATIONS—2 story and base, brick, \$20,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, James Porteus. The present building located at the corner of Tulare and I streets will be altered into a modern store and hotel structure. There will be six stores on the first floor and in

E. H. Williams Chalmers Munday

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the neighborhood of 54 guest rooms and several baths on the upper floor. Work will require new plastering, painting, plumbing and electric work. Exterior will be faced with pressed brick. Plans provide for patent store fronts. Plans are now being prepared.

SCHOOL—1 and 2 story, reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, City of Fresno. Plans have been completed for the first of the large new schools which are to be erected in Fresno from the proceeds of the \$150,000 bond issue. This building will be erected at the corner of Merced and C streets, covering a large ground area. Construction will be fireproof. Exterior will be faced with cement plaster or pressed brick. Plans have been approved and figures will be opened on July 24th. Further mention will be made of the work.

SEWER WORK—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The Board of Trustees has instructed the City Engineer to prepare plans for a complete sanitary sewer system for East Bakersfield. Bids will be called for shortly.

SEWER WORK—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be called for at the next meeting of the Board of Trustees for construction of sewers in Districts Nos. 21 and 22.

Contracts Awarded.

PACKING PLANT—1 story and base, reinforced concrete, \$20,000. Fresno, Fresno Co., Cal. Architect, R. F. Feichlin, Fresno. Owners, Roeding Packing Co., Fresno. Contractor, R. F. Feichlin. Contract price, \$30,000.

BUILDING CONTRACTS.

FRESNO COUNTY.

LOTS 17, 18 PART LOT 19 BLK 223. Fresno. Carpentry, glass, steel and iron work for brick church building. Owner.....German Free Evangelical Lutheran Cross Church, Fresno.

Architect...Henry F. Starback.
Contractor...Henry Gede, Fresno.
Filed July 1, '14. Dated June 20, '14.

75% value of work and labor included in building based on contract price to be paid the 1st and 3rd Tuesdays of each month as work progresses, provided that each payments shall be 75% of amount due on contract outside of material furnished by owner.. Upon completion a sum which the previous payments amounts to 75% of contract price.....

Usual 35 days remaining 25%....
TOTAL COST, \$8500
 Bond, \$3000. Surety, Southwestern
 Surety Insurance Co. Limit, 120 work-
 ing days. Forfeit, none. Plans and
 specifications filed.

EXCAVATION, CONCRETE & BRICK
 work on above.

Contractor..Grant Adams, Fresno.
 Filed July 1, '14. Dated June 30, '14.
 Payments same as above.....

TOTAL COST, \$6285
 Bond, \$1500. Sureties, F. Bielenberg
 and W. H. Minard. Limit, 60 working
 days. Forfeit, none. Plans and speci-
 fications filed.

NW 2½ ACRES LOT 62, Ora Loma
 Tract, Fresno. All work for three-
 room frame school building.

Owner.....Ora Loma School District,
 Fresno County.
 Architect...Ernest J. Kemp, Fresno.
 Contractor..De Viese & Helsel, Fresno.
 Filed June 29, '14. Dated June 26, '14.
 Frame and rafters in position 75%
 Building enclosed 75%
 Upon completion 75%
 Usual 35 days.....Balance

TOTAL COST, \$7557
 Bond, \$3800. Sureties, Southwestern
 Surety Insurance Co. Limit, Sept. 1,
 1914. Forfeit, none. Plans and speci-
 fications filed.

**SACRAMENTO, STOCKTON &
 NORTHERN CALIFORNIA.**

DRAINAGE DITCH — \$800,000.
 Knights Landing, Colusa Co., Cal. En-
 gineer's name not given. Owners,
 Knights Landing Drainage District.
 Directors of the Knights Landing
 Drainage District, embracing some 72-
 000 acres in Colusa County, have voted
 to construct a ditch connecting the
 Yolo Basin By-Pass with the Colusa
 Basin. Four large dredges will be
 employed. The work has been esti-
 mated to cost \$500,000, and funds have
 been secured.

BRIDGE—Steel and reinforced con-
 crete. Cost not stated. Chico, Butte
 Co., Cal. Engineer, County Engineer
 M. C. Polk, Chico. Owners, City of
 Chico and Butte County. County Sur-
 veyor M. C. Polk of Chico has plans
 nearly complete for a new steel and re-
 inforced concrete bridge to be erect-
 ed over the Big Chico creek at the in-
 tersection of Main and Esplanade in
 Chico. Plans will be submitted to the
 Board of Supervisors for approval at
 their next meeting and bids will be
 called for shortly.

SEWAGE STATION DISCHARGE
 PIPE—Cost not stated. Sacramento,
 Cal. Engineer, City Engineer, Sacra-
 mento. Owners, City of Sacramento.
 Bids will be opened on July 9th for
 furnishing and erecting a discharge
 pipe for the new sewage pumping plant
 known as Station No. 2. Plans and
 specifications can be secured from the
 City Engineer.

PAVING PLANT—Cost not stated.
 Red Bluff, Tehama Co., Cal. Engineer,
 none. Owners, Chico Construction Co.
 President Parley of the Chico Con-
 struction Co., states that an order will
 be placed at once for a complete new
 street paving plant to replace the one
 recently destroyed by fire at Chico.
 The new plant will be constructed at
 Red Bluff, where the company has a
 large paving contract about to start.

SEWAGE PUMPING PLANT AND

EQUIPMENT—Cost not stated. Sacra-
 mento, Cal. Engineer, City Engineer,
 Sacramento. Owners, City of Sacra-
 mento. Ambrose & Telchert, Oschner
 Bldg., Sacramento, were the lowest bid-
 ders for constructing the one-story re-
 inforced concrete building at \$49,480,
 and The Power Equipment Co., S. F.,
 put in the lowest bid for furnishing the
 mechanical equipment at \$38,400. These
 firms will probably be awarded the work.

RESIDENCE — 1 story frame, \$2,800.
 Sacramento, Cal. Architect, none.
 Owner, W. B. Fink, 4027 H street, Sacra-
 mento. The building will be erected
 on Humboldt avenue between E and
 F streets, and will contain five rooms
 and bath. Interior will be finished in
 pine. Hardwood floors will be used
 in the living and dining rooms. An au-
 tomatic water heater will be installed.
 Exterior of the building will be faced
 with cement plaster. Plans have been
 prepared and the work will be done
 by Day Labor. Materials are now be-
 ing purchased.

Contracts Awarded.
STORES AND OFFICES—2 story and
 base, brick, \$23,000. Davis, Yolo Co.,
 Cal. Architect's name not given. Own-
 er, J. B. Anderson. Contractor, C. J.
 Guth, Davis. Contract price, \$23,000.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

HUMBOLDT AVE., bet E and F Sts.,
 Lot 6, W. B. Fink Sub., Sacramento.
 One-story 5-room frame dwelling.
 Owner.....W. B. Fink, 4027 H St.,
 Sacramento.
 Architect...None.
 Day's work. **COST, \$2800**

W 46½ FEET LOT 3, 69TH AND 70TH
 Sts., East Sacramento. One-story 4-
 room and bath frame dwelling.
 Owner.....J. M. Peterson, 3322 Pearl
 Ave., Sacramento.
 Architect...None.
 Contractor..N. C. Peterson, 3322 Pearl
 Ave., Sacramento. **COST, \$1500**

N 40 FEET S 80 FEET LOTS 2ND AND
 3RD, Add'n "B," East Sacramento.
 One-story 5-room frame dwelling.
 Owner.....H. C. Muddox, 30th and L
 Sts., Sacramento.
 Architect...J. J. Jennings.
 Contractor..J. J. Jennings, 719 J St.,
 Sacramento. **COST, \$1700**

THIRTY-THIRD ST., bet I and J Sts.,
 Lot 21, Add'n "B," East Sacramento.
 One-story 5-room frame dwelling.
 Owner.....H. C. Muddox, 30th and L
 Sts., Sacramento.
 Architect...None.
 Contractor..J. J. Jennings, 719 J St.,
 Sacramento. **COST, \$1700**

SUTTER AVE near Calaveras Ave., Lot
 32, Iose Ave Tract No. 2, Sacramento.
 One-story 5-room frame dwelling.
 Owner.....E. A. Thelle, 1608 21st St.,
 Sacramento.
 Architect...None.
 Contractor..Guy Foley, 3735 Madrone
 St., Sacramento. **COST, \$1600**

LOT 29, Alta Vista, South Sacramento.
 One-story 5-room frame dwelling.

Owner.....M. J. Uribe, 35th & Cypress
 Ave., Sacramento.
 Architect...None.
 Contractor..W. I. Davis, 3101 1st Ave.,
 Sacramento. **COST, \$1500**

NO. 1716 J ST., W ½ Lot 3, J, K, 17th
 and 18th Sts., Sacramento. One-story
 five-room frame dwelling
 Owner.....Mrs. F. Rice, 1716 T St.,
 Sacramento.
 Architect...None.
 Contractor..C. F. Rice, 1716 T St., Sacra-
 mento. **COST, \$1500**

LOT 11 Golf Terrace, Sacramento. One
 story frame dwelling.
 Owner.....Charles A. Johnson, War-
 nut Ave., Sacramento.
 Architect...None.
 Contractor..Charles A. Johnson, 309
 21st St., Sacramento. **COST, \$150**

NO. 2108 "I" E 28 feet of W 32 feet Lot
 2, I, J, 21st and 22nd Sts., Sacramento.
 Two-story frame flats (2 flats 4-
 rooms.)
 Owner.....M. J. Hennessey, Brighton
 on M St. Road, Sacramento.
 Architect...None.
 Contractor..S. Howley, Colonial Acres,
 Sacramento. **COST, \$2200**

NO. 1912 TWENTY-FIFTH ST., E 36
 feet Lot 1, L, M, 19th and 20th Sts.,
 Sacramento. Alterations to one-story
 frame dwelling.
 Owner.....Mrs. M. A. Fritz, 1906 L St.,
 Sacramento.
 Architect...None.
 Contractor..J. A. Pansback, 1020 25th,
 St., Sacramento. **COST, \$800**

E 28 FEET OF W 32 feet Lot 2, I, J,
 21st and 22nd (rear), Sacramento.
 Move two-story frame dwelling to
 rear and make general repairs.
 Owner.....M. J. Hennessey, Brighton
 on M St. Road, Sacramento.
 Architect...None.
 Contractor..S. Howley, Colonial Acres,
 Sacramento. **COST, \$700**

NE RIVERSIDE ROAD & FRANKLIN
 Ave., Sacramento. Reinforced con-
 crete sewage pumping station.
 Owner.....City of Sacramento, City
 Hall, Sacramento.
 Architect...City Engineer, City Hall,
 Sacramento.
 Contractor..Telchert & Ambrose,
 Oschner Bldg., Sacramento. **COST, \$49,480**

NO. 1100 YARDLEY ST., Lot 1555
 Wright & Kimbrough Tract No. 24,
 Sacramento. One-story seven-room
 terra cotta hollow tile dwelling.
 Owner.....Robert E. Smith, La Her-
 mosa Apts., Sacramento.
 Architect...None.
 Contractor..Wright & Kimbrough
 Bldg. Dept., 814 J St., Sacra-
 mento. **COST, \$5100**

NO. 2931 F St., E of S of Lot 5, E, F, 29th
 and 30th Sts., Sacramento. Move dwlg.
 and make alterations.
 Owner.....C. V. Churchman, Frem.
 Architect...None.
 Contractor..T. H. Green, 3717 6th St.,
 Sacramento. **COST, \$300**

S 1/2 OF S 1/2 LOT 1, S. T. 6TH AND 7th Sts., No. 1915 6th St., Sacramento.
One-story brick bakery
Owner.....Geo. Siml, 805 S St., Sacramento.
Architect...None.
Contractor...Petric Leonl, 1330 V St., Sacramento.
COST, \$2600

W 60 FEET LOT 1, H. I. 11TH AND 12th Sts., No. 1100 11 St., Sacramento.
Remodel frame dwelling.
Owner.....Martha C. Brown, Presidio Terrace, Sacramento.
Architect...None.
Contractor...Sacramento Home Bldrs., Forum Bldg., Sacramento.
COST, \$1800

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

S 1/2 LOTS 9 AND 11 BLK 10 OF THE Oaks, Stockton. All work for one-story frame cottage.
Owner.....W. J. Rundle, 306 N-Center St., Stockton.
Architect...Louis Utt, 33 W- North St., Stockton.
Contractor...F. L. Scamman, Room 1, 606 E-Miner Ave., Stockton
Filed June 24, '14. Dated June 24, '14.
Enclosed and roof on.....\$528
Plastering finished.....528
Completed and accepted.....528
Usual 35 days.....528
TOTAL COST, \$2112
Bond, none. Limit, 65 working days after June 24. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
July 1, 1914—E 64 FEET OF S 20 feet Lot 4, K. L. 3rd and 4th Sts., Sacramento. M Barnard to Barton & Hite.....July 1, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
July 1, 1914—LOTS 199, 207 AND 210 Sub No. 3 Central California Traction Co. Lyman Pierce (as Thos. Carpenter Co) vs John T Doherty.....\$147.52
June 27, 1914—LOT 4, J. K. 4TH AND 5th Sts., Sacramento. H P Fischer, Tile & Marble Co vs U G Persing, \$642

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED AMOUNT
July 1, 1914—LOT 4, J. K. 4TH & 5TH Sts., Sacramento. Ralston Iron Works, Inc. to Marsh Investment Co.....\$1918.51

LOS ANGELES AND SOUTH-EASTERN CALIFORNIA.

APARTMENT HOUSE—1 story and base, Class C construction, \$12,000. Los Angeles, Cal. Architects, Tifal Bros., 5204 South Park avenue, L. A. Owner, Arlosto McCrimmon. The building will be erected on West 15th street near Magnolia, and has been designed to contain a total of 81 rooms, which will

be arranged in two and three room suites. Interior finish will be of pine and hardwood. There will be steam heat, automatic elevator, a hot water system and vacuum cleaning. Bath rooms will be finished in tile with composition floors. All suites will have wall beds and private bath rooms. Exterior of the building will be faced with pressed brick. Plans are nearly complete.

CHURCH—1 story and base, frame and plaster, \$15,000. Long Beach, Los Angeles Co., Cal. Architect, C. Ben Sholes, Long Beach. Owners, Second Presbyterian Congregation. The building has been designed in the Mission style. There will be a large auditorium and Sunday school rooms. Interior will be finished in pine with some ornamental plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and work has been started by Day Labor.

WAREHOUSE REPAIRS—3 story and base, brick, \$20,000. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Montague Estate. The building recently damaged by fire will be repaired at a cost of \$20,000. The work will require new floor joist, interior partitions, steel columns and girders, window sash and frames and Kinnear doors. Exterior will be faced with stock brick. Plans are now being prepared.

ELEVATED SYSTEM—\$500,000. Los Angeles, Cal. Engineer, Engineering Department of the Pacific Electric Railways Co., Pacific Electric Bldg., L. A. Owners, Pacific Electric Railways Co., L. A. A franchise has been granted this company to construct an elevated system from the Pacific Electric Building to San Pedro street via Maple avenue. Plans were prepared about a year ago.

RAILROAD CONSTRUCTION—\$3,000,000. San Diego, Cal. Engineer, Engineering Dept. San Diego Electric Railway Co. Owners, San Diego Electric Railroad Co. The company has applied to the Railroad Commission for permission to issue \$4,484,000 worth of bonds. About \$3,000,000 will be expended in new work as follows: Addition to power plant and equipment, new car barn, terminal station at the Exposition Grounds, three bridges, \$71,000, paving \$235,874, tract construction \$288,459 and grading and balast \$16,000.

PASSENGER STATION—1 story, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, none. Owners, Salt Lake Railway Co. J Ross Clark, president of the Salt Lake Railway Company, has announced that a new passenger station will be erected by the company in Los Angeles at once. It will be located on the land recently acquired along the river and including the site of the present station. The cost of the building has not been fixed.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architects, Needham & Cline, Brockman Bldg., L. A. Owner, Dr. C. E. Calm. The house will be erected in Brentwood Park, and has been designed to contain fifteen rooms, four baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood with hardwood and inlaid floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in

tile and equipped with showers. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

CITY HALL—1 and 2 story, brick \$14,000. Huntington Park, Los Angeles Co., Cal. Architect, George W. Eldridge, Marsh-Strong Bldg., L. A. Owners, Town of Huntington Park. The building will contain the council chamber, offices for the city heads and fire department. Interior will be finished in pine. There will be fireproof vaults. Exterior will be faced with pressed brick. Plans are complete and figures are now being taken.

FIRE HOUSE—2 story and base, brick, \$70,000. South Pasadena, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Town of South Pasadena. The building will contain the marshall's office, telephone exchange and space for one piece of apparatus in the first floor. Upper floor will be arranged for a lounging room and apartments for the men. Interior finish will be of pine. There will be steam heat and modern plumbing. Exterior will be faced with enameled brick. Plans are being prepared.

SCHOOL—1 story and base, brick, \$12,000. El Segundo, Los Angeles Co., Cal. Architect, E. L. Hopkins, Delta Bldg., L. A. Owners, El Segundo School District. The building has been designed to contain four rooms and an assembly hall. Interior will be finished in pine throughout. There will be modern school plumbing. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SCHOOL—1 story and base, reinforced concrete, \$35,000. Santa Ana, Orange Co., Cal. Architect, J. Flood Walker, Santa Ana. Owners, La Habra School District. The building has been designed in the patio style, covering a ground area of 111 by 196 feet. There will be six class rooms, library, principal's office and teachers' room. Interior will be finished in pine with maple floors in the principal rooms. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL—2 story and base, brick, \$10,000. Glendale, Los Angeles Co., Cal. Architect, C. S. Westlake, 1458 Oak street, Glendale. Owners, Town of Glendale. The architect has just been commissioned to prepare plans for the new school building to be erected at Glendale under the recent bond issue of \$87,000. About \$40,000 will be available for new work, the remainder of the bond issue to be used for the purchase of new sites. The plans for a four-room addition to the Third Street Intermediate school and a two-room addition to the Casa Verdugo school are practically completed and work will be started as soon as possible. Plans are also to be prepared for a six-room building to be erected in the southwest section of the city and for a four-room building in the northeast section but will not be started until the board of trustees has selected the sites. The buildings will be of brick construction.

SCHOOL—2 story and base, brick and concrete, \$10,000. Tustin, Orange Co., Cal. Architects, Elwing & Tedford, Orange County Savings and Trust Bldg., Santa Ana. Owners, Tustin School District. The building will contain ten class rooms, office, auditorium,

library and manual training and domestic science departments. Interior finish will be of pine with maple floors in the class rooms. Plans provide for furnace heat. There will be modern school plumbing, program clocks and vacuum cleaning. Exterior will be faced with pressed brick. Plans are complete and bids will be opened on July 18th.

Contracts Awarded.

HOTEL—2 story and base, concrete and frame, \$35,000. Ontario, San Bernardino Co., Cal. Architect, none. Owners, Ford Bros. Contractors, Butler Bros., Mason Bldg., L. A. Contract price, \$35,000.

SCHOOL—1 story, reinforced concrete, \$20,000. Beverly Hills, Los Angeles Co., Cal. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owners, Beverly Hills School District. Contractors, Lepper & Laisy, Builders' Exchange, L. A., general construction, \$18,916.

SCHOOL—1 and 2 story and base, hollow tile construction, \$15,000. Riverside, Riverside Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Corona School District. Contractor, George A. Daniels, 916 Herkimer avenue, Pasadena, general construction, \$36,598; Machinery and Electric Co., L. A., heating and ventilating, \$1,987; C. E. McPeak, Glendale, plumbing, \$3,190.

SCHOOL—2 story and base. Class C construction, \$25,000. Gustine, Merced Co., Cal. Architect, Ernest J. Kump, Fresno. Owners, Gustine School District. Contractors, Trewitt & Shields, Fresno. Contract price, \$23,000.

CON AWARD **THEATRE ALTERATION**—Brick construction, \$20,000. Los Angeles, Cal. Architect, George Costerisan, California Bldg., L. A. Owners, J. Rittigstein and C. A. DuBois. Contractors, A. P. C. Co., Henne Bldg., L. A. Contract price, \$20,000.

PORTLAND AND OREGON.

CLUB HOUSE—2 story and base, reinforced concrete and brick, \$25,000. Astoria, Ore. Architects, MacNaughton & Raymond, Title Trust Bldg., Portland. Owners, Young Men's Christian Association. The building has been designed to contain the offices of the organization, a large gymnasium, swimming tank, library, social hall, auditorium and dormitories. Interior finish will be of pine and hardwood with a maple floor in the gymnasium. Plans provide for steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

RESIDENCE—2 story and base, brick and stone, \$25,000. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owner, C. G. Murphy, Fenton Bldg., Portland. The dwelling will be erected in King's Court, and has been designed for a twelve room house with three baths. Interior finish will be of pine and hardwood with hardwood and inlaid floors in the principal rooms. Plans provide for steam heat, a hot water system and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the building will be faced with pressed brick and cut stone. Plans are being prepared.

SCHOOL—1 story, hollow tile construction, \$36,000. Portland, Ore. Architect, F. A. Naramore, Supt. of School Properties, Portland. Owners, City of Portland. The building will be erected on the East side, only one unit at this time. There will be eight class rooms finished in pine with maple floors. Plans provide for steam heat, a program clock system and vacuum cleaning. Exterior will be faced with cement plaster. Plans are being prepared.

SCHOOL—2 story and base, brick and reinforced concrete, \$50,000. Albany, Ore. Architect, Charles H. Burggraf, Albany. Owners, City of Albany. The building has been designed to contain twelve standard sized class rooms, assembly hall, library, principal's office and domestic science and manual training departments. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. There will be steam heat, a vacuum cleaning system, program clocks and modern school plumbing. Exterior of the building will be faced with pressed brick. Working drawings are nearly complete and figures will be called for in about 20 days.

STABLES—2 story and base, reinforced concrete, \$50,000. Portland, Ore. Architect, Bureau of Buildings, Portland. Owners, City of Portland. The building will be erected at the corner of 16th and Jefferson streets, and will cover a large ground area. Plans provide for the most modern equipment. There will be special electric work. Exterior will be faced with cement plaster. Plans are now being prepared.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—3 story and base, brick and steel, \$60,000. Tacoma, Wash. Architect, Bruce G. Humes, Tacoma. Owner, E. Hutchinson. The building will be erected at the corner of 13th and J streets. There will be nineteen suites of four and five rooms. Interior will be finished in pine and hardwood with hardwood floors. Plans provide for steam heat, elevator service and a hot water supply. All suites will have wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick. Plans are complete and the work will probably be done by Day Labor.

FREIGHT SHEDS AND TRACKS—Concrete construction, \$345,000. Tacoma, Wash. Architect, Engineering Department Northern Pacific R. R. Co., Tacoma. Owners, Northern Pacific Railroad Co. Work will be started at once on the construction of a new freight yard and freight sheds at Tacoma. Construction will be fireproof throughout. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

FREIGHT SHEDS—1 story, reinforced concrete, \$100,000. Tacoma, Wash. Architects, Engineering Dept. Oregon-Washington R. & N. Co., Portland. Owners, Oregon-Washington Railroad and Navigation Co. A large building will be erected on the Tide Flats, covering an area of 80 by 350 feet. Construction will be fireproof throughout. No interior finish is specified except in the office portion of the building. Exterior will be faced

with cement plaster. Plans are complete and figures are now being taken by Chief Engineer J. R. Holman of Portland.

EXCITER—Cost not stated. Navy Yard, Puget Sound, Wash. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on July 25th for furnishing and installing a 10 kilowatt turbine-driven exciter in the central power plant at the Puget Sound Navy Yard. Plans can be secured from either the Bureau of Yards and Docks at Washington, D. C., or from the Commandant at the yard. An official proposal appears in another column of this issue.

THEATRE—1 story and base. Class A construction, \$1,000,000. Vancouver, B. C. Architects, Parr, MacKenzie & Day, Vancouver Bldg., Vancouver. Owners, Klay & Erlanger, New York, represented by George J. MacKenzie, Vancouver Bldg., Vancouver. The building will be erected on Robson street near the Court House. Construction will be fireproof throughout. Details of the construction have not been made public, but it is stated that working drawings are well advanced and that bids will be called at an early date. Further mention will be made of the work.

RIVETED STEEL PIPE—Cost not stated. Milk River Project, Mont. Engineers, United States Reclamation Service, Boise, Idaho. Owners, United States Government. Bids will be opened on July 22nd for furnishing a quantity of riveted steel pipe for the Milk River Project. Full particulars can be secured from the engineers at Boise. An official proposal appears in another column of this issue.

BRIDGE—Steel and reinforced concrete. Cost not stated. Jackson, Wyo. Engineer, U. S. Reclamation Service, Boise, Idaho. Owners, United States Government. Plans have been completed for a steel truss bridge to be erected over the South Fork of the Snake River near Jackson. There will be three spans of 130 feet each with timber and concrete approaches. Bids are now being taken and will be opened on July 22nd. Plans can be secured from the United States Reclamation Service at Boise, Idaho.

FACTORY AND WAREHOUSE—9 story and base, reinforced concrete, \$850,000. Seattle, Wash. Architect, George C. Mimmons, People's Gas Bldg., Chicago, Ill. Owners, Sears-Roebuck Co., Chicago. A large site adjoining a building on Utah street now occupied by the owners has been secured, and a class A building covering an area of 240 by 330 feet will be erected. A portion of the building will be used for a factory and the balance for warehouse and store purposes. There will be reinforced concrete walls, floors and roof slabs. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service, a vacuum cleaning system and spiral chutes. Metal window sash and frames are specified. Exterior will be faced with cement plaster. Plans will be completed within two months and figures will be called.

Contracts awarded.

COURT HOUSE—3 story and base, concrete, steel and stone, \$806,973. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, City of Seattle. Contractors, Puget Sound

Bridge and Dredging Co., Central Bank Bldg., Seattle. Contract price, \$800,973. Note: A proposition to build two additional stories to this building is still under consideration and a decision of the matter is expected within a week or ten days.

CONSTRUCTION WORK ABROAD.

AUSTRALIA.

Another Big Irrigation Project.

The London Agent General for New South Wales, Sir Timothy Coghlan, states that the New South Wales Government is at present investigating an irrigation scheme for the Clarence River district, which, when completed, will back up the waters of the Clarence and Mitchell Rivers for a distance of 80 miles. The site of the proposed dam is the Gorge, about 40 miles upstream from Grafton, and about 20 miles distant from Copmanhurst. The site is considered an ideal one in every respect, being close to the junction of the two rivers, and it has precipitous hills on either side, very similar in character to Burrinjunk, New South Wales' great State irrigation enterprise on the Murrumbidgee River. To the rear of the Gorge is a huge basin, which will be transformed into an inland lake of considerable magnitude. Preliminary reports state that the project will give a supplementary water supply for Grafton, besides enabling a large area of country on both sides of the river to be irrigated. Ample water will also be available for all purposes, as the Clarence is regarded as the finest river in Australia. The scheme will cost several million dollars, but no official estimate is yet available.

CHILE.

[Consul Alfred Winslow, Valparaiso.]
New Office Building—Improved Fire Escapes.

Schwager & Co. are to erect a four-story and basement reinforced concrete fireproof bank and office building in this city to cost about \$150,000. It is to be up to date, with passenger elevators and forced ventilation. The architects are Frederick Sage & Co., of this city, and London, England. It is to be completed by July 1, 1915.

As a result of the destruction of a large flat building in this city, during which about 50 lives were lost, the authorities are awake to the importance of better life-saving appliances in Valparaiso, such as fire escapes hooks and ladders, etc., which should attract American manufacturers of these articles.

SEEING BY WIRE.

[Deputy Consul General Carl E. Loop, London, England.]

Dr. Archibald M. Low, a London consulting engineer, claims to have discovered a method by which light may be transmitted by wire. The invention is thus described: The contrivance consists of a transmitter and a receiver connected by wire. The transmitter is a screen divided into a large number of small squares—cells of silex, the electrical resistance of which element varies according to the light that touches it. Over the screen is passed a synchronously running roller consisting of a number of pieces,

which are alternately conductors and insulators. The roller is driven by a motor of 3,000 revolutions per minute and the resulting variations of light is made up of a series of cells operated by the passage of polarized light thru thin slats of steel, and at the receiver the object before the transmitter is reproduced as a flickering image.

The process is referred to by the inventor as a "kinematographic application of common electrical principles." The system has been tested through a resistance-equivalent to a distance of 4 miles, but in the opinion of Dr. Low there is no reason why it should not be equally effective over far greater distances.

It is stated that the silex in the transmitting screen may be replaced by any diamagnetic material. The cost of the apparatus is considerable due to the fact that the conductive sections of the roller are made of platinum and that many wires are required for the transmission of the images. The invention is called the "Televisita."

FLOW OF OIL, AND ITS USE AS FUEL IN PERU.

[Abstracted from West Coast Leader.]

A tank with a capacity of nearly 1,000,000 gallons has been ordered from the United States for the Peruvian oil fields at Zorritos, this being in addition to another large tank recently installed there. The additional storage is very badly needed because of the continual tendency of the natural springs to increase their flow, and to such a degree is this occurring that a reduction in the staff of pumping employees is contemplated, as there is no place for storage of oil and not sufficient transportation to meet the demand. The present monthly production at Zorritos is about 1,400 tons, half of which is natural flow and the other half pumped.

Orders for crude oil are plentiful owing to the fact that the Diesel motor is being introduced generally over Peru in order to utilize this valuable Peruvian product, which can be used so economically, compared with any other fuel. A large brewery in Callao, a large cotton mill, and several sugar estates are introducing these motors. Next to oil the cheapest fuel is coal, all of which is imported, notwithstanding the fact that vast fields of good coal exist within 60 miles of the coast.

THE STATE'S FINANCES.

Report of the State Board of Equalization.

The State of California is in excellent financial condition, according to the report of the State Board of Equalization which estimates the revenue for the coming fiscal year from corporation franchise taxes at \$13,609,663.94, besides which will be collected over \$1,500,000 in fees, inheritance taxes and from other sources.

As the legislative appropriation which this must cover is only \$14,908,900, this will leave a surplus at the end of the coming year exactly over \$200,000.

There is in the State Treasury a surplus of \$3,600,000 over all demands that may be made upon it.

LLOYD C. COMEGYS COMMERCIAL ATTORNEY

Efficiency Methods - Adjustments
Advertising Service

902 Mutual Savings Bank Bldg.
Cor. Market & Kearny, Kearny 3864

Ad Valorem Tax Unnecessary.

No deficiency or ad valorem tax will be placed upon the counties of California this year for running the State Government. This announcement also was made by the State Board of Equalization.

The corporation franchise taxes will total \$13,609,663.94 without counting minor corrections which may be allowed on protests.

Will Raise \$15,109,663.94.

Added to this, \$1,500,000 is expected from fees, interest on deposits and inheritance taxes, making approximately \$15,109,663.94 available for the coming year.

The Legislature directed that \$14,908,900 be raised to run the State during the year, leaving a good margin.

Sources of Revenue.

The principal revenues from corporations will come as follows:

Railroads	\$ 6,317,675.16
Light, heat and power....	1,941,326.48
Telegraph and telephone.	708,504.74
Express	107,755.74
Car Companies	121,614.16
Insurance	816,096.54
Banks	1,831,745.12
General franchises	1,561,946.00

Total taxes from corporations

Increases Shown Over 1913.

Railroads	\$ 62,011.08
Light, heat and power....	220,006.90
Telegraph and telephone.	68,319.76
Insurance	53,392.20
Banks	53,426.62
General franchises	186,421.00

Total increases

Decreases.

Express companies	\$ 4,990.18
Car companies	495.24

Total decreases

WORLD'S SUPPLY OF COAL.

The production of coal in the United States is about equal to that of the United Kingdom, Germany and France combined. In 1912 it was 477,000,000 tons in the United States, 260,000,000 tons in the United Kingdom, 172,000,000 tons in Germany, 40,000,000 tons in France, 26,000,000 tons in Russia and 23,000,000 tons in Belgium. The reserves of coal in the earth in the United States are nearly equal to those of all the rest of the world combined, according to recent estimates.

REMOVAL NOTICE.

GEORGE F. BERNARD, plumber, has moved his shop to 112 Gough St.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

How To Get Your Advertising Read.

PLACING:

That is selecting the proper newspapers, magazines, or programs in which to insert your advertisement, or selecting the proper location of Bill Boards for your advertisement. Also selecting the proper parties to whom to mail your offer or to whom to distribute your printed matter. This is the first principle of getting your advertisement read, but what is more important than that of getting it read by the people with whom there is a possibility of your doing business. To advertise Ladies' goods in a man's publication, hardly ever seen by women, would bring small, if any, results.

ATTENTION TO ADVERTISEMENT.

This is obtained if it is a newspaper, magazine or program advertisement, by clear line in the advertisement, by the border around the advertisement or by the Cut in the advertisement.

COMMON PHRASES:

Unless very strong and calculated to compel the mind to want to read what follows them in advertising, should not be used.

BORDERS:

Many times it is only the ad with a clear border and strong display which will be read on that particular page, as the reading of one advertisement on a page will often sufficiently tire a person as to make them desire a change and cause them to turn to the next page of the paper or magazine.

CUTS:

Cuts if very strong will attract the attention, but they should be in harmony with the border and the rest of the display matter of your advertisement and should be in harmony with the argument and appeal of the rest of your advertisement.

ASSOCIATION OF IDEAS:

This means to keep the thought of your reader confined upon the one subject or details pertaining to it. It would be foolish to dwell upon the comforts of the parlor-side in trying to sell an automobile. Rather will you explain the pleasure of moving along beautiful roads, visiting new localities and receiving the exhilaration of out-of-door riding.

SUGGESTING IN ADVERTISING:

Suggestion is sometimes stronger than a clear explanation, if it is so that it cannot be misunderstood. A suggestiveness which allows of any different interpretation, no matter how slight, from what is intended, should not be used.

The above points will illustrate the methods of attracting attention to your advertisement and getting it read, after which the reasoning and selling power of your advertisement must do the work of effecting a sale, or bringing

an inquiry for further particulars, as you may have planned.

A trade paper or journal talks directly to persons interested in the trade lines, and you are assured of careful attention, if your advertisement is properly worked up.

LLOYD C. COMEGYS.

ADVANTAGES OF BRICK PAVING.

The adaptability of brick to rural highway construction was the subject of an elaborate exhibit at the first Canadian and International Good Roads Congress, held in Montreal May 18-23.

Many Dominion cities are large users of brick for urban pavement, but the country road of brick is a comparative novelty in Canada. However, its rapid rise to favor in parts of the United States has attracted attention and visits from many Canadian highway engineers. The vicinity of Buffalo and Cuyahoga County, Ohio, which contains Cleveland, are the leading brick road localities of the world.

The success of the brick road has been largely due to its permanence under the new conditions of power traffic which have played havoc with older types of road improvements. The hardness of brick enables it to withstand the friction and wear of the rapidly running automobile. This quality so appealed to Governor Glynn, of New York State, that he recently devoted an entire message to the legislature on the advocacy of brick for all main highways in the State of New York. Cuyahoga County, Ohio, has nearly 400 miles of this type of rural road, built at an approximate cost of \$1,000 per mile for each foot in width. One effect of these roads has been such a rapid rise in rural land values in the county that their increased tax valuation has more than covered the cost of construction.

Such roads have won their way to the appreciation of auto owners and farmers alike, being equally passable in any season of the year and so drained that every rain washes them clean. Where other types of road require constant vigilance and constant expense for maintenance, a properly constructed brick pavement, according to government authorities in the States, has never yet been known to wear out.

CONSTRUCTION WORK ABROAD.

Philippines.

[J. F. Boomer, Correspondent, Manila.]

Era of Tall Buildings.

Since the advent of concrete and steel construction in Manila there has gradually grown up a movement for taller buildings. Heretofore three stories have been the limit on buildings in Manila and the Islands, and not more than four or five reached over two stories. Within the last two years five or six new structures of concrete and steel have been built with three stories and one of four. One business block four stories high, recently completed, has proved so attractive for offices that two additional stories are to be added. There is now nearing completion a business block on Calle Rosario, the Chinese district, which has six stories. This building is being constructed by a Chinese firm. Another Chinese business house has projected a four-story structure to cost \$250,000,

on Calle Nueva near the Escolta, the principal business street of the city.

The Masonic Association opened bids June 15, 1914, for the construction of a building on the Escolta, to be five stories high and to cost \$150,000.

The advent of the taller buildings is due to the belief that the reinforced concrete structure will withstand earthquakes which have rendered the buildings of ordinary masonry so dangerous. So far there have been no severe shocks in Manila to test this new form of construction.

New Market for Elevators, Cement, Steel, Etc.

The increased altitude of buildings noted above, in addition to the new demand for cement and steel, has opened up a new market in Manila for elevator machinery. To date there are not more than five buildings in the city equipped with modern elevators, but each new structure above two stories in height calls, in its plans for a modern elevator. The elevator machinery used so far has been brought from the United States.

Dredging Manila Harbor.

[Consul General] George E. Anderson, Hongkong, China.]

The deepening of the harbor of Manila in the vicinity of the large modern wharfs constructed several years ago is proceeding. Three dredges are at work under an appropriation made for the purpose with a view of deepening the whole of the harbor to 31 feet at low water. The funds at present available provide for deepening the harbor from the several large piers to the entrance in the breakwater, and it is expected that by the close of the current year enough funds additional will be forthcoming to finish the whole of the area inclosed within the breakwater walls, including the deepening of the Pasig River's connection to the harbor. At present the larger vessels entering the harbor, which include all the large ships on the Pacific Ocean, are prevented from entering or leaving the harbor piers at low water. The first work to be done is the deepening of the water about the piers and connecting the latter with the bay outside of the breakwater so as to permit the free management of such ships at all times.

Lifting Manila Levels.

Agitation is now being carried on in Manila for raising the low places of the city to a level more consistent with modern sanitation and the business and other needs of the city. Originally, much of the city was built upon land little more than a marsh. During American control of the islands considerable portions of the city have been raised by materials from various sources, and the city has been extended in directions, affording higher ground for building sites. Large reclamations have been made for harbor and other purposes in which the levels established have been much higher than the old city.

In the municipality as a whole, however, there is a superficial area of about 35,000,000 square meters of which about 6,850,000 square meters are below what has been established as a minimum satisfactory level, i. e. 1-2 meters above mean low tide. It will require about 4,551,365 cubic meters to secure this new level for the area given. It is calculated that soil for the purpose can be secured by dredging from the river and small estuaries. Retaining walls for these small creeks and bay-

ous and for some portions of the river will have to be built, and the entire enterprise will require a considerable expenditure of capital, probably something like \$300,000 gold, at a rough calculation, in addition to the cost of dredging, estimated at \$100,000 gold. Dredging is carried on to some extent at the present time as a matter of sanitary drainage and to maintain navigation in some of the larger esteros. The dredges at present in use are small in order to pass low bridges and work in small streams. The material dredged is loaded on flat-topped scows and has usually been carried out to sea, though lately some material quantities have been furnished the municipality of Manila and other owners of low-lying property for raising the level of property near at hand. The ultimate work to be done in Manila in the way of raising the level of real estate is enormous, but the work is gradually being done at a minimum cost and with immense benefit to property.

JAPAN.

[Consul General George H. Scidmore, Yokohama.]

New Railway Charters.

The Japan Daily Mail of May 5, 1914 states that during April last the Imperial Railway Board granted charters to nine railway companies, which propose to lay eight railways with a combined mileage of 33 miles, the respective length and cost being as follows: Mogi Railway, 5.72, \$125,000; Ikegami Electric Railway, 6.32, \$200,000; Toso Railway, 3, \$25,000; Tamba Electric Railway, 5.50; \$100,000; Nagoya Electric Railway, 2.78, \$85,000; Tojo Railway, 1.36 \$32,000; Ihara-Kasaka Light Railway, 3.43, \$54,000; Hakata Bay Railway, 0.72, \$17,000; Ama Electric Railway, 4, \$90,000.

Railway Construction Plans.

The Japan Mail of April 24 had the following:

How far the railway construction program is to be carried out during the current fiscal year is still a pending question in the Imperial Railway Board, as the board changed its chief while negotiations as to the means and ways of railway financing during the current year were still pending between the board and the finance department. If the original plan of the board is to be carried out without being modified as a result of the negotiations with the finance authorities, lines with a total mileage of 223 miles 75 chains, will be completed during the year.

The construction expenses of these lines are estimated at 1,300,000 yen (\$650,000.)

Requests for details and proposals for supplies in this connection should be addressed to the Director of the Imperial Railway Board, Tokyo, Japan.

STATE TO EXAMINE PILEDRIVER ENGINEERS.

The California State Civil Service Commission announces that application for employment as PILEDRIVER ENGINEERS in the service of the State will be received at the office of the Commission, State Capitol, Sacramento, on or before July 25, 1914. The State employs piledriver engineers in connection with the Board of State Harbor Commissioners in San Fran-

cisco, at a salary of \$600 a day.

This examination is open to all citizens of the State; 21 years of age or over on July 25, who comply with the requirements.

Application blanks and further information may be secured by applying to the State Civil Service Commission, State Capitol, Sacramento.

Applications must be properly executed and filed with the Commission on or before July 25, 1914.

KOA PEDESTALS AT THE EXPOSITION.

Fred Titt & Sons, the cabinetmakers and builders on Tenth street, are now engaged in making some very handsome pedestals surmounted by globes; for the Hawaiian Promotion committee. To be placed in the Hawaiian Building at the Exposition. These pedestals are made of Koa or Hawaiian Mahogany and are very beautiful indeed.

COAL RESOURCES OF U. S.

The total coal reserve estimated to have been present in the United States, within 3,000 feet of the surface, and not including lignite, is 3,554,333,400,000 short tons, of which we have exhausted up to the present day approximately 14,500,000,000 short tons, or less than one-half of one per cent. In 1900 the total production of coal was 269,684,027 short tons; in 1910, 501,596,378 short tons; in 1911, 496,188,303 short tons, while the estimate for this year is about 600,000,000 short tons.

It is readily seen that if these figures are correct there need be no immediate fear of the shortage of the supply, for, even with an annual consumption in the United States of one billion tons—twice the present consumption—the visible supply will last some thirty-five centuries. That the gain in annual consumption which has taken place during the last fifteen years will continue at the same rate seems highly improbable.

BERKELEY, CAL.—Following suggestions of Prof. O. M. Washburn, of the University of California, it is believed that the provisions of the State Tenement Law will be incorporated in the new building code which is now being formulated by a special committee in Berkeley.

John Bakewell, of Bakewell & Brown, Architects, who drew the plans for the city halls in both Berkeley and San Francisco and Professor Washburn have been invited to confer with the committee at a special meeting to be held in a few days. The code which is being formulated in Berkeley is to be offered for acceptance as a model and uniform law for cities of the bay region.

What is claimed to be the largest electric power sub-marine cable in the world is now being laid across the San Francisco bay. The length is to be four and one-half miles and will cost \$350,000.

BLACK POINT, Marin Co., Cal.—The State Highway Commission has endorsed the proposition for the Black Point cut-off branch of the State Highway. Surveys have been ordered for the route from Ignacio to a connection with the State Highway from Napa to Cordelia. This link is 24 miles in length and will tie the coast route, extending north to Eureka to the high-

way extending to Cordelia and thence via Davis to Sacramento.

YUBA CITY, Sutter Co., Cal.—State Engineer Woolridge has installed a camp of engineers at Shanghai Bend and work has been started on the big jetty which is to be built at the mouth of the cut. The state employees will be in the camp about three months.

CLEVELAND—A Sanitarium 2000 feet in the air and anchored to the earth by a cable will be opened above Cleveland next month. No patients except those affected with heart weakness will be accepted for treatment. The sanitarium will ascend each evening and descend the following morning.

Because Henry Ford could not find hospital accommodations for a worker who had contracted pneumonia and tuberculosis, the motor car maker made an offer to the contractors of the General Hospital, now building, to take over the project. He agrees to repay all subscriptions and complete the place and make it a poor man's hospital, spending \$2,000,000 to finish it, and as much more as may be necessary to keep it running.

MODESTO, Cal.—Engineer R. A. Edwards of the Modesto Irrigation District, has filed a report of the cost of the work necessary to complete the improvements under the \$10,000 bond issue recently authorized. His survey provides for permanent construction throughout, including flumes, fills, canals, etc., the majority of which will be concrete work.

WILLOWS, Glenn Co., Cal.—The Forest Service plans to erect a sixty-foot steel tower on the summit of Sheetiron Mountain. From this tower one of the most comprehensive views of the coast range will be had. With the completion of the tower Sheetiron Mountain will be a special point of interest to mountain travelers.

THE HENDERSON CLAMP SYSTEM.

Nailing blocks for trim on metal channel partitions is made easy by this system. It not only makes a perfect job but is much cheaper than tying these blocks on with wire. Its speed and perfect job has been shown on practically every job of metal channel of late. The patentee and manufacturer invites those interested in building construction to see the system now in use among the great buildings now under construction in this city, viz. The Grosh Hotel, an eight-story building on Sutter street near Powell street, N. W. Sexton, Architect. The City Auditorium, Lindgren & Co., Builders. The New Cal Bldg. at New Montgomery and Jessie streets, Reed Bros., Architects, MacDonald & Kahn, Builders, and the Hobart, twenty-one story building, Market and Second streets, Willis Polk & Co., Architects and Superintendents of construction.

It will be time well spent for an architect, builder or a prospective builder to inspect this system if they have not already seen it in use.

Information given by W. D. Henderson, Patentee and Manufacturer, 915 Monadnock Building, San Francisco. Telephone Kearny 4537.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
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New Lodge Building For The Berkeley
Elks, Designed By Architect W. H. Rat-
cliff, Jr., Berkeley.

Illinois State Building At The Panama-
Pacific Exposition, Designed By State
Architect James B. Dibelka, Chicago.

WEDNESDAY, JULY 15, 1914.

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OFFICIAL ORGAN

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Editorial Comment.

The Chronicle in discussing editorially the universal eight hour law puts the proposition in shape. "It is unbelievable that anybody would seek to prevent by law anyone from working as much as he desires." And then it goes on to comment on the discussion at the Commonwealth Club on the proposed amendment to the constitution.

The farmers have a legitimate objection to the universal eight hour law. Many of the products of the farm are perishable. And when the harvesting of crops depend on the weather or the market or what not it is often impossible to get labor in sufficient quantities. But the discussion of the proposition on the ground that the people who are seeking to have an universal eight hour law enacted are trying to prevent people from working will not get anybody anywhere. That is the argument that has been advanced at every reduction of the hours of labor. If people worked sixteen hours a day the Chronicle would advance the same argument if any one attempted to make a shorter day.

The universal eight hour day is to be on the ballot this fall. The farmers of the State object to such a prohibition being put into the fundamental law of the State. Their objections are well founded on account of the peculiar conditions that surrounds agricultural employments.

William Randolph Hearst is certainly the prize rose head. To read the long list of mistakes that Wilson and Bryan have made, one would think that they had stayed awake at nights to find out what they ought not to do and then had done that very thing. In reading these tirades of Hearst one is reminded of a statement made by W. J. Bryan during one of his campaigns. The question was asked what he thought of Hearst and he replied that he never discussed men, but principles. And in a discussion of principles the name of William Randolph Hearst would never be mentioned.

A great deal has been written and said about the proposed treaty with Colombia and the payment of 25 million dollars to that country which former President Roosevelt has denounced as blackmail. The following editorial published in the Sacramento Bee of July 3, expresses the opinion of that paper on the situation:

It is unfortunate that in his natural desire to justify his course as President, with regard to the Canal Zone, Roosevelt has applied the ugly term "blackmail" to the claims of Colombia pending treaty between the United

States and that Republic.

The truth is that he used the naval power of the United States to prevent the Colombian Government from landing troops to suppress a "bought-and-paid-for" revolution, by which the so-called Republic of Panama was established on Colombian territory. And long prior to that time this country by treaty had acknowledged Colombia's undisputed right to the Isthmus.

Not only is this the case, but it is also true that shortly before the insurrection at Panama our Government had offered Colombia \$10,000,000 for the Canal Zone, which sum later was paid to the spurious Republic of Panama for the desired concession.

Colombia had required \$15,000,000 from the United States, and also \$10,000,000 from the French Canal Company. But, through the trick and device of "revolution" at Panama, she got nothing from either party and was deprived of her Isthmian territory through an arbitrary and illegal order from President Roosevelt which left her powerless to hold the Isthmus by force of arms.

Now in view of the fact that Colombia at all times has offered to arbitrate her claim, and that the pending treaty, by which she is to receive \$25,000,000 as indemnity, has been promoted at Washington rather than have her claim adjudged against us by an international tribunal, it is decidedly not in good taste to accuse her of "blackmail."

Particularly unbecoming is that word in the mouth of the former President, when his boast is remembered that he "took the Canal Zone and let Congress do the talking afterward."

Roosevelt's offensive and uncalled-for fling at Colombia is not of a nature to promote good feeling for this country among the Latin-American Republics in general.

James T. Dubois, who was United States Minister to Colombia under the Taft Administration and long a devoted follower of Roosevelt, has issued a convincing statement in support of the claims of that Republic, and of the pending treaty.

He regards Roosevelt's motives as above suspicion, with relation to the course pursued at the time of the Panama troubles, but yet believes Colombia was badly used and is entitled to substantial reparation.

Dubois points out that the treaty contains no "apology" to Colombia, but merely courteous expressions of regret that any disturbance of friendly relations had arisen between the two countries.

Surely, in view of the historical facts, no good American need object to this part of the convention.

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Buildings As They May Be Defined Under Law.

Consideration of What Are Buildings and Where They May Be Said To Begin and End.

Sidney Perley, Attorney, Salem, Mass.

What is a building, and when does the law begin to regard it as such, and when does its technical existence cease? These are questions that occasionally arise, and the answers are not always easy. A building is something built or constructed and is generally understood to be an edifice erected upon the ground—either directly or upon a wall or short or tall posts. It must have some connection with the soil. There is no limit to its height above the ground, and probably none to its depth below the surface. It may be a temporary shelter or a permanent abode for human beings or domestic animals, as a dwelling house, barn, stable, hall or church; or a structure for protection of chattels, as a warehouse or storehouse, or carriage house; or for manufacturing, a public building for office purposes, etc. It may be an erection that is not intended for use at all, but simply a monument of art. It may be for any purpose, of any shape, framed or unframed, and constructed of any kind of material. Whether structures are real or personal estate probably has no bearing upon the question of their existence as technical buildings.

In most cases, the answers are easy; but there are many things built that courts have not considered, and in some cases courts disagree with the special circumstances in each case. The instances in which doubt exist involve monuments, statues, fences, walls, dams, structures beneath the surface of the ground, etc. These are certainly erections, and the question as to whether they are buildings in the several phases of the application of the law to them will have to be met.

Mechanic's Idea of a Building.

The mechanic's lien law, which applies to the erection of buildings, probably also has relation to the various kinds of constructions that have a place upon or in the earth and yet have not popularly been thought of as buildings. The matter has importance in a transfer of real estate where a deed expressly states that the premises include the land and the buildings thereon, and, for want of sufficient connection with the soil, the buildings are not technically real estate. Similar questions arise between landlord and tenant and mortgagor and mortgagee.

Not only is the main part of a structure regarded as the building, but the ells, piazzas, furnaces, machinery, etc., if they are so attached to the building that they are necessarily a part of it. Even if double windows, storm doors, screens, etc., are temporarily at a distance from the building they constitute a part of it as much as when they were actually attached to it.

From Materials to Buildings.

Secondly, when do materials become a building? This question is more difficult to answer than even the first. Is there a particular day, hour or minute when the character of the materials changes into a building, involving new applications of law and procedure? The matter is something more than a theory,

and is liable to become practical at any time.

When does the mechanic's lien law first apply, and when do materials pass under a deed which conveys the soil and the "buildings" thereon, or when do they pass as part of the soil without being mentioned in the deed? Must the frame of a structure be actually raised before it becomes a technical building? Apparently not, according to the decisions in mechanic's lien cases, where a lien is allowed for work upon the frame or other part or parts of a building before it has left the shop. There must be some general rule, though its application in instances might seem to be stretched.

Ought the same rule, whatever it is, to apply in cases between vendor and vendee, mortgagor and mortgagee, and landlord and tenant? If so, the vendee or mortgagee might have a right to materials that were not on the premises, and their existence even was unknown to him at the time of making the contract of sale or loan. If the deed or mortgage calls for buildings that are upon the land, probably the title to materials for a building that had already been worked upon for this particular building, but nothing had been done upon the land towards its construction and the materials remained in the shop of the contractor, would not pass. Ought the lien of the mechanic in such a case to attach to the soil itself? It seems proper and just that the rule should be the same in both cases.

The moment the materials change from chattels to real estate, if that time can be discovered, ought to be the time when the mechanic's lien attaches to the soil, and the vendee can claim the articles as if they had been upon the land or attached to it in their final form, position, and condition. To constitute this change there must be an express and positive appropriation of the materials to the construction of the particular building. The character of the labor upon the materials, or uniqueness of design which has been made for the building to be erected, is certainly evidence of the connection of the materials and labor upon them with the proposed building and land. Coupled with this, of course, must be the mind of the owner who either actually or impliedly, through the medium of the architect or contractor, connects the materials and labor with the building and land. This combination of intentional and actual adaptation of materials and labor to the desired building must be an appropriation sufficient to change materials into a building; and materials subsequently appropriated under the same rule successively undergo the same change.

When a Building Is Not a Building.

The third question is practically perhaps clearer and less likely to appear in actual practice. When does a building cease to be such, and become a simple mass of material or debris, to which the law of buildings cannot be applied?

Growth and decay are opposites, but are both more or less gradual, and so far are something alike. The law of the mechanic is not likely to be applied in cases of destruction of buildings, but in other instances it is important to determine the question definitely.

General decay or any condition of a building does not change its form and character as a building. The roof may be gone, and the boards may all go, but it is a building still. Its frame may be taken down and piled upon the ground or carried to another lot of land, but the materials still technically constitute a building.

Again, intention comes to the fore and must be considered. When the materials technically become a building, appropriation was the factor that governed the decision. So, at the end of the technical life of a building, restoration to its former condition as materials is the factor in deciding the termination of such an existence. That is, the decision, and action because of that decision, to no longer treat the materials as a part of the particular building, terminate their character as a part of the building; and thereafter they are what they were before the appropriation,—merely chattels.

This intention must be accompanied with some overt act, probably, evidencing the intention; or, at least, there must be no accompanying or subsequent act that is inconsistent with such determination.

Of course in both such appropriation and such restoration at the beginning and end of the technical existence of a building, the owner of the soil and materials and those acting authoritatively for him must be the person or persons who make such decision.

From Case and Comment, May, 1914.

PRACTICAL IDEAS FOR PRACTICAL ARCHITECTS.

Value of Maximum Results at a Minimum Cost as Compared with Architectural Creations.

J. E. Tourtellotte.*

Common sense is the current coin in life, and unless a work of art or architecture can stand the test of this touchstone it is questionable to my mind if it has a right to existence. In ancient times a thousand men would work for several generations to construct a building to honor the name of some individual or family, or to the honor of some nation or ruler's god. That was possible where one man had control over the lives of thousands of other men. It is not possible today under modern conditions, and looking at it from an economic standpoint few thoughtful men would consider it to be right to sink the production of a large per cent of a community's efforts for a hundred years, or any length of time, to the honor of any one.

A person who is a member of any profession is very liable to get a narrow view and to think that the whole

world should pivot on his particular line of work. Instead of practicing his profession that he may serve the community in which he lives for the benefit of the common good, he is very apt to talk in a bombastic way about educating the public up to his ideals, so as to get the public in an attitude of mind where they will serve him instead of being served by him.

I think it is as much of an honor for an architect to take a little money and by using ingenuity in devising and scheming out methods of getting maximum results at a minimum cost, and by the use of judgment to select inexpensive yet durable materials to enter into the construction of a building, as it is for another man to take a million dollars from a commonwealth and construct a creditable architectural monument, and is not capable of doing the former. The latter man in his high and mighty condescending way rather is inclined to look down upon his more humble brothers, considering them of mediocre ability compared to himself, in that they have never had an opportunity to show what they could do, and if our high and mighty friend has the misfortune to have a client call upon him who desires to get one hundred cents' value for every dollar he puts into a building he rather feels inclined to be insulted and talks to his fellow architect of the mean and penurious state of mind in which our modern business man grovels. I consider a man who can do the first kind of work deserving of much greater credit than the one who doesn't.

I have at times been afflicted with this disease myself, but have always striven to overcome it, as I consider it one of the most dangerous states of mind and attitude which the individual or the profession at large can get into, concerning the public, whom they are expected to serve in an architectural capacity.

There is an old saying which runs something like this, that the man who can make two blades of grass grow where only one grew before is of much greater value to a community than a whole race of politicians combined.

I would be one of the last to cry out in the interests of inferior work, but I do believe in the eternal fitness of things, and I am ever attempting to be broad-minded enough to see a building project, or any other kind of a project, from all points of view, and if my financial client sees nothing but the profit and loss side of the project, I am at least somewhat in sympathy with him and can work sympathetically and harmoniously with him in developing his ideas and in guiding him in a manner so that I can inject some of my ideals into the architectural composition which we are attempting to create in brick and stone.

I think there is nothing which the public resents so great an extent in the architectural profession as this attitude of an architect towards them. They go around to an architect and desire something which is reasonable in cost, and sometimes perhaps they are unreasonably expecting a great deal more than they can get for a certain amount of money, but in a great many cases they are not at fault, and we, as their architectural advisers, after we have worked up their scheme, see where we could better it by adding this here and the other thing there and

putting on touches over in the other place and have suggested these various things to them, until they have reached the point where they think for themselves. It would spoil the building should they leave any of them off, and as a result at the day of the letting the building runs from 25 to 50 per cent in cost above the amount they desired to expend, as a result there is something doing. They claim that we told them that they could add these things at no extra cost, and we claim that when we suggested these things to them they agreed to them and desired them. By our suggestion we have awakened within them a desire for that which they are unable to pay for, and as a result, unless they can get that building which we have, unintentionally perhaps, worked them up to, they will never be satisfied.

As in most cases the client when he confided in us gave us the limit of the amount which he would put into his building, the amount being in a great many cases the maximum amount of money which he could raise, or which he is satisfied at least to raise, and as a result he either gives up the project or cuts down the building to what it should have been in the first place, and is forever dissatisfied with the building and the architect who designed it. He goes out in the community in which he lives, telling his neighbors and friends to beware of the architect, as an individual and as a professional man, as he is a deceit and a snare. The architect has lost a great deal of good business and to a certain extent has lost the confidence of the public in him, more perhaps due to his lack of tact and judgment in seeing and appreciating the eternal fitness of things and governing himself accordingly than all other things combined.

In the interests of the great profession of which we are representatives, and in the interests of the common good—the great public whom we are here to serve—let us attempt to correct this thing by cutting down the building and getting the ideals of our clients thinned down to about the size of his purse before we start to make his drawings or put his plans and specifications at least, out to bidders for their proposals.

I have known artists who, with a few cheap tools and with a dearth of materials, yet produced a beautiful work of art, a work with more merit than by other artists who were unlimited as to tools and materials. I have known girls who were young, healthy and of an artistic temperament take \$7.50, and go to the country store and make a few purchases of inexpensive materials, and by the use of skill and guile, produce an outfit which, with themselves as a part of it, surpass in beauty other young ladies who expended \$750.00 and had a fashionable dressmaker to assist them, and yet when done and they became a part of said outfit they did not rank as high with the former ones. Of course, I do not expect you or I can equal the young ladies who were their own dressmakers, but at least we can best serve our clients by approximating them.

*Architect, Rothchild Building, Portland, Oregon.

COMING ENGINEERING CONGRESS.

International Gathering at the Panama-American Exposition Congress in 1915 Will Be Noteworthy Event.

The International Engineering Congress, which is to convene at the Panama-Pacific International Exposition in San Francisco, and hold its sessions from September 26 to 25, 1915, inclusive, is the third similar international congress that has assembled in this country, the two previous ones having been held at the Chicago and St. Louis expositions. It is to be held under the auspices of the following five national engineering societies: American Society Civil Engineers, American Institute Mining Engineers, American Society Mechanical Engineers, American Institute Electrical Engineers, and Society Naval Architects and Marine Engineers.

Colonel George W. Goethals, Chairman and Chief Engineer of the Isthmian Canal Commission, will be the Honorary President of the Congress, and is expected to be present and preside at the first general meeting. Engineers of prominence throughout the world, whose names will be announced later, will serve as Vice-Presidents. Both the general sessions and those of the various sections will be held in the great auditorium erected at the Civic Center in San Francisco.

Papers by eminent engineers of the world will be read and discussed, and it is expected that in this Congress, as in all others of the Exposition, attention will be confined exclusively to the progress of the science during the past decade and to its present status in all countries. The papers and proceedings will be published in volumes—probably ten in number, exclusive of a smaller volume containing the indexes, digests and general proceedings—of about 500 pages each. The volumes will contain papers as follows:

- Volume 1—Panama Canal.
- Volume 2—Waterways and Irrigation.
- Volume 3—Municipal Engineering, including water supply, sanitary engineering, roads and pavements.
- Volume 4—Railways and Railway Engineering.
- Volume 5—Materials of Engineering Construction.
- Volume 6—Mechanical Engineering.
- Volume 7—Prises of contact between electrical engineering and various other branches of engineering work, presumably interlapping with Volume 6.
- Volume 8—Mining Engineering and Metallurgy.
- Volume 9—Naval Architecture and Marine Engineering.
- Volume 10—Military Engineering and miscellaneous topics, including engineering education, aeronautics and other special features.

The completeness and method with which each one of these volumes will deal with its own particular topic probably can be best indicated by a concrete example. Take, as illustration, Volume 6, dealing with mechanical engineering. Its sub-topics will be divided into twenty-six sections, as follows:

- (1) Recent progress and present status of foundry practice, and casting metals;
- (2) recent progress and present status of the art of forging;
- (3) equipment, processes, and methods for

(the boiler-shop; (4) machine-shop equipment, methods and processes; (5) automobiles; (6) special processes for shaping and forming metals; (7) high temperature flames in metal-working; (8) industrial management; (9) safety engineering; (10) industrial museums as an educational factor; (11) the steam-engine of the year 1915; (12) the steam-turbine of the year 1915; (13) the internal-combustion engine of the year 1915; (14) motors of the Diesel type; (15) the Humphreys gas pump; (16) the steam boiler of the year 1915; (17) refrigeration; (18) pneumatics; (19) lubrication and lubricants; (20) water wheels of pressure type; (21) water wheels of impulse type; (22) hydraulic power developments and use; (23) power-plant design; (24) motor vehicles, passenger type; (25) motor vehicles, utility type; (26) motor tractors.

In connection with this Congress, as in others as far as possible, it has been so arranged that other Congresses of allied interests shall immediately precede or follow it, thus dovetailing with its work, so to speak. For example, two weeks preceding the International Engineering Congress is the meeting of the International Technical Commission, which has established international units in electrical matters; immediately preceding the sessions of the engineers is the International Electrical Congress, under authorization of the International Electrotechnical Commission and under the direct auspices of the American Institute of Electrical Engineers; while the week following the Engineers' Congress will be devoted to the International Gas Congress.

The various topics will be treated, in general or sectional sessions, by eminent engineers from all over the world, the number of representatives from each country being in some degree decided by the condition of the matter discussed in the various countries. In naval architecture, for instance, there will be ten treatises by Americans, ten by Englishmen, seven by Germans, three by Frenchmen, etc.

Of deepest interest to non-technical mankind, undoubtedly will be the extensive considerations given to the Panama Canal, and the volume which will deal with that subject. It is expected that there will be one or more papers dealing with the economical aspects of the Canal and its influence on trade routes; and, indeed, the subject will be very fully discussed.

In the volume on the Panama Canal to be issued, the introductory chapter and the article on Dry Excavation for the Panama Canal will be written by Colonel Goethals, the chief engineer in charge of the immense work, and each one of the twenty other articles will be written by a man prominent in the great enterprise, as the following list of topics and the names of those who deal with them will demonstrate: "Dredging in the Panama Canal," W. G. Comber.

"Terminal Works, Drydocks and Wharves of the Panama Canal," H. H. Rousseau.

"Coaling Plants and Floating Cranes of the Panama Canal," F. H. Cooke.

"Meteorology and Hydrology of the Panama Canal," F. I. Wilson.

"Design of Locks, Dams and Regulating Works of the Panama Canal," Col. H. F. Hodges.

"Method of Construction of the Locks, Dams and Regulating Works in

the Pacific Division of the Panama Canal," S. B. Williamson.

"Design of the Lock Walls and Valves for the Panama Canal," L. D. Cornish.

"Design of the Spillways on the Panama Canal," E. C. Sherman.

"Gates of the Panama Canal Locks," Henry Goldmark.

"Electrical and Mechanical Installations of the Panama Canal," Edward Schildbauer.

"Emergency Dams above Locks of Panama Canal," T. B. Monnich.

"Municipal Engineering and Domestic Water Supply in the Canal Zone," George M. Wells.

"Reconstruction of the Panama Railroad," Lieutenant Frederick Mears.

"Aids to Navigation of the Panama Canal," W. F. Beyer.

"Geology of the Panama Canal Zone," D. F. McDonald.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Harriet Jolliffe, 1840 Broadway. The building will be erected on the west side of Hyde street south of California, having a frontage of 25 feet and a depth of 66½ feet. There will be six suites of two and three rooms. Interior finish will be of pine with some elm panels and oak floors. All apartments will have wall beds and private bath rooms. Plans provide for a hot water system and portable vacuum cleaners. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who is now letting sub-contracts.

SAN FRANCISCO—Apartment house, 3 story and base, frame and concrete, \$14,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, J. Eric Johanson. The building will be erected on the east side of Franklin street north of Sacramento, covering an area of 30 by 87 feet. There will be six suites of five rooms each. Interior will be finished in pine throughout, except the entrance and social hall, which will be finished in blue gum with oak floors. There will be steam heat, a hot water system and vacuum cleaning. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, Grace Jewett, 604 Montgomery street, S. F. Owner, Mrs. Bradbury. The building will be erected at the northwest corner of Polk and California streets, and has been designed for seven stores on the first floor besides the entrance to the apartment house. Upper floors will contain two and three room suites with private baths. Interior finish will be of pine throughout. There will be an automatic elevator, steam heat and a hot water system.

"The Working Force of the Panama Canal," Captain R. E. Wood.

"Purchase of Supplies for the Panama Canal," F. C. Boggs.

The widespread interest that is being taken in this Congress is indicated by the fact that membership subscriptions already have been received from forty-six foreign countries, totaling about thirty per cent of the entire number, and they come from the most unexpected places. For instance, nine subscriptions have been received from the Dutch East Indies.

A membership subscription costs five dollars. It entitles its holder to all the privileges of the International Engineering Congress, the index volume and any other one volume that may be selected by the subscriber. It may be obtained by sending the five dollars to International Engineering Congress, 1915, Foxcroft Building, San Francisco, California, U. S. A.

Patent store fronts are specified. Exterior of the building will be faced with pressed brick. All bath rooms will be finished in tile with composition floors. Plans are being prepared.

PORTLAND, ORE—Apartment house, 3 story and base, brick, \$35,000. Architect, C. A. Duke, Failing Bldg., Portland. Owner, H. Meter, 311 16th street. The building will be erected on Third street near Market and will cover an area of 74 by 96 feet. There will be four stores on the first floor and a total of 37 suites of two and three rooms on the upper floors. Interiors will be finished in pine throughout. There will be steam heat and a hot water supply. All suites will have private bath rooms and wall beds. Bath rooms will be finished in tile wainscot with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

OAKLAND, CAL—Apartment house addition, frame construction, \$4,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Mr. Uglad. The work will consist of rearranging the interior for apartments of two and three rooms, installing modern plumbing and electric work, plastering, painting and mill work. Wall beds are specified. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL—Apartment house, 2 story and base, frame, \$5,000. Architect, none. Owner, A. J. Yerrick, Blake Bldg., Oakland. The building will be erected at the southwest corner of College avenue and Clifton, and has been designed to contain a store and fourteen rooms arranged in two-room suites. Interior will be finished in pine throughout. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL—Apartment house, 4 story and base, brick, Cost not stated. Architect, none. Owner,

Mrs. George J. Ley, Contractors, E. H. MacGibbon Co., Los Angeles Investment Bldg., L. A. Contract price not stated.

BATH HOUSES.

SEATTLE, WASH.—Natorium, 3 story and base, reinforced concrete, \$100,000. Architect, J. Merrill Brown, Northern Bank Bldg., Seattle. Owner, Erwin Baruch, 1621½ Summit avenue. The building will be erected at the corner of Western and Virginia avenues, covering an area of 100 by 130 feet, and will be similar in design to the Lurline Baths in San Francisco. There will be a balcony, 6 by 100 feet long, one side of the building. The main tank will be 85 by 102 feet. A special filtration system will be installed, together with steam heat, laundry machinery and hot water system. Exterior will be faced with cement plaster. Plans are now being prepared.

SANTA BARBARA, SANTA BARBARA, CO., CAL.—Bath house, 2 story and base, brick and reinforced concrete, \$50,000. Architect, H. Alban Reeves, Chamber of Commerce Bldg., Santa Barbara. Owners, Southern California Edison Co. The building will cover an area of 200 by 80 feet, and will be of either brick or reinforced concrete and will contain the offices of the Santa Barbara Electric Road, refreshment rooms, plunge, dressing rooms and mechanical department and laundry. Interior will be finished in pine with cement floor. There will be steam heat and a water heating apparatus. Exterior will be faced with either cement plaster or pressed brick. Plans are complete and figures are being taken for either reinforced concrete or brick construction.

BONDS.

STOCKTON, San Joaquin Co., Cal.—By a vote of 1,093 to 103 the proposition to bond the city for \$266,400 for street improvements was defeated. One-third of the registered vote went to the polls. Only one half of the voters being registered for the election. It required a two-thirds vote to have carried the election.

SACRAMENTO, Cal.—A conference will be held in this city on July 16th at the Sacramento Chamber of Commerce between citizens interested in the several State bond issues to be voted in the November election. Among the issues to be voted upon is one for \$2,000,000 for the extension of the State Capitol. There is also included an issue of \$700,000 for the State Fair improvements.

DINUBA, Tulare Co., Cal.—For the second time the bond issue for an additional grammar school site and building has failed. The vote was 148 in favor of the issue and 236 against.

SAN DIEGO, San Diego Co., Cal.—A resolution requesting the Board of Supervisors to bond the county for \$1,000,000 for the purpose of building bridges and constructing roads throughout the county, was unanimously passed at the convention of 75 delegates on July 6th.

RICHMOND, Contra Costa Co., Cal.—Petitions for the securing of signatures to put an initiative on the ballot in November to provide a \$1,000,000 bond issue for establishing hospitals, sanitariums and dispensaries for the

prevention of tuberculosis are now being circulated under the direction of the State Board of Health and the Tubercular Board of this body. The idea was inaugurated at the meeting of the State Board of Health in Santa Barbara on June 15th.

GOLDFIELD, Nev.—The bond election to provide \$25,000 for work on roads of Esmeralda County carried by over two to one.

SAN YSIDRO, San Diego Co., Cal.—An election held here for the purpose of raising bonds for the erection of a school building was defeated. There were 67 in favor of the issue and 67 opposed. It is said that the matter will be laid before the voters again when allowed by law.

OROVILLE, Butte Co., Cal.—No bids have been received here for the Bonito school district bonds in the amount of \$6,000. The funds are to be used in the construction of a school building. Four elections were necessary to vote the bonds, three of them being defeated. Bonds bear 6 per cent interest, but as yet no bidders have appeared to purchase them.

BERKELEY, Alameda Co., Cal.—Petitions are now being circulated by the Alumni of the University of California to provide for a \$1,800,000 bond issue for new buildings. Classes are now being held in attics and storerooms as there is no accommodation for the number of students now attending the University.

If the bonds carry a Chemistry building will be erected, an addition will be made to the University Library, and several other changes will be undertaken. At the present time there is but five permanent buildings on the University campus.

RICHMOND, Contra Costa Co., Cal.—The bond firm of E. H. Rollins & Son of San Francisco has purchased the \$75,000 school bonds of Richmond. With the sale of the bonds the school board of this city hope to commence the preparations of plans and specifications for the erection of the new buildings at an early date.

PETALUMA, Sonoma Co., Cal.—Bonds amounting to \$110,000 were sold to N. W. Halsey & Co. for \$110,508. There were a number of bidders.

PORTLAND, Ore.—An ordinance has been passed by the City Council for the sale of two blocks of improvement bonds. The larger issue will be for \$166,000 and the smaller for \$451. As usual, bidders will be allowed to bid on any portion or in all blocks of from \$50 to \$500.

SEATTLE, WASH.—Bonds for the construction of bridges over the Lake Washington canal and one over the East Waterway carried. The two issues carried provide for a \$179,500 bridge at 15th avenue N. W. and a \$350,000 bridge at Fremont street. Preliminary plans for all except the East Waterway bridge have been completed by the City Engineer's Department.

SILVERTON, Ore.—The proposition of voting bonds in the sum of \$12,000 for a school site and the erection of a school building was defeated here.

SANDY, Ore.—Bonds amounting to \$14,000 have been voted for the erection of a new school building.

LIVE OAK SCHOOL DISTRICT, Sutter Co., Cal.—The Trustees of Enclinal have called the next bond election for July 27th, at which time the proposition of bonding the school district for \$5,000, funds to be used in the erection

of a school house. At a recent election the bonds failed to carry.

TURLOCK, Stanislaus Co., Cal.—At the meeting of the City Council held on July 6th an ordinance was introduced calling an election on September 1st, at which time there will be submitted to the voters the proposition of incurring a bonded indebtedness of \$16,000 for the purchase and parking of Block No. 6 in this city. This action was taken in pursuance of the recent order of the Railroad Commission for a new Southern Pacific depot in Turlock provided this property is acquired and maintained as a public park by the city. The property in question adjoins the depot site on the east.

MADERA, Madera Co., Cal.—The council of this city has decided to call a bond election early in September for the purpose of providing better fire improvements. The plan is to vote sufficient bonds to provide for extending the present water system, also sewer system, for a new city hall and for a bridge across the Fresno River at D street, and for new fire apparatus. It is estimated that the proposed improvements will cost in the neighborhood of \$100,000. The City Attorney has been instructed to draw up the necessary resolution declaring intention.

SAN FRANCISCO, Cal.—The State Railroad Commission has made a supplemental order authorizing the Fresno Interurban Railway Company to issue 600 shares of stock and \$120,000 of bonds. The authority is conditioned upon the railroad company securing a franchise through the town of Clovis, Fresno County, before July 20th.

PALO ALTO, Santa Clara Co., Cal.—The City Treasurer of this city has been authorized to sell the \$36,000 bond issue known as the "Palo Alto City Bonds of 1912" at not less than par. The issue bears 5 per cent. When the bonds were first offered for sale, no bids were received. The completion of the new municipal building and other city utilities has necessitated the sale of these bonds.

DENVER, Colo.—The State Supreme Court has held that the Denver city bonds for driving a tunnel through the continental divide, to be used by the Denver and Salt Lake Railroad were unconstitutional on the ground that it would lend public credit to a private enterprise.

At a special election last February the issuance of \$3,000,000 city bonds to drive the tunnel was authorized, the railroad to contribute \$1,500,000. In an agreement between the city and the road, the latter was to meet the interest payments on the bonds and provide for their redemption. The agreement gave the city the right to use the tunnel.

FRESNO, Fresno Co., Cal.—W. W. Phillips, president of the Chamber of Commerce, is urging public support for the proposed bond issue of \$3,000,000, the money to be devoted to the construction of 250 miles of lateral highways in Fresno County.

The petition for the bond issue is now in the hands of the Supervisors of the county and action is expected soon. The movement is similar to those already underway in Kern, San Joaquin, Tulare, Kings and other counties. All of the laterals are to connect with the main highway of the State.

Municipal Bond Issues.

Municipal bond issues throughout the United States during the month of June, including State and county flotations, reached a total of \$36,124,500, against \$55,243,866 the previous month and \$62,874,542 in June of last year. This brings the half year's total up to \$342,517,266, as compared with \$238,234,135 for the first six months of 1913.

Among the features of last month's bond sales were the following: Little River Drainage District, Missouri, \$4,750,000; State of California, \$3,000,000; San Francisco, \$1,750,000; Cleveland, \$1,500,000; Milwaukee, \$1,450,000; Buffalo, \$1,190,500; State of Rhode Island, \$617,000. A temporary loan of \$1,000,000, negotiated by the city of Boston, and an issue of \$2,581,000 temporary tax levy certificates by St. Paul are not included in the above total.

BRIDGES AND DAMS.

YUBA CITY, SUTTER CO., CAL.—Bridge, reinforced concrete, \$60,000. Engineer, Erle L. Cope, Yuba City. Owners, Sutter County. The Supervisors of Sutter County at their last meeting voted to extend the date of opening bids for constructing the big reinforced concrete trestle until July 20th, and all bids were returned without being opened. The trestle will replace the old Long Bridge over Butte Slough, and will be 1,900 feet long, estimated to cost \$60,000. Four sets of bids were received. These were from D. B. Farquharson, S. F.; Dunnivant-Houghton-Van Sant Co., S. F.; M. Fisher, S. F.; and Ross Construction Co., Sacramento.

WHEATLAND, PLACER CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor, Auburn. Owners, Placer County. Placer County has at last gone on record as willing to bear the cost of constructing the bridge over the Bear River at Wheatland, and construction will be started as soon as plans and specifications can be secured. This work has been delaying the completion of the State Highway between Marysville and Sacramento. Plans are being prepared.

SAN RAFAEL, MARIN CO., CAL.—Bridge work. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. At the last meeting of the Board of Supervisors plans for a bridge at San Geronimo, near the Roy property, were approved and bids ordered advertised. The matter of building about 4,000 feet of road through the Smith ranch to Point Reyes Station was also considered, but put over until the next meeting of the Board. This has been estimated to cost \$2,500 to \$3,000.

RICHMOND, CONTRA COSTA CO., CAL.—Harbor work, channel dredging, \$6,000. Engineer, City Engineer Posey, Richmond. Owners, City of Richmond. Plans prepared by City Engineer Posey for dredging a 100-foot channel in the inner harbor were adopted at the last meeting of the City Council. Bids will be called for at once. This contract will include dredging about 70,000 cubic yards of material, and will cost in the neighborhood of \$6,000.

MARYSVILLE, YUBA CO., CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, City Engineer Trow, Marysville. Owners, City of Marysville. The City Council will

probably advertise for bids for the approaches for the new D street bridge, commencing on July 13th. City Engineer Trow has received plans back from the Highway Commission with approval, and work will be started at once.

WOODLAND, YOLO CO., CAL.—Cement. Cost not stated. Engineer, County Surveyor, Woodland. Owners, Yolo County. The Board of Supervisors will call for bids at once for furnishing the county with from 3,000 to 10,000 barrels of cement, which will be used in the construction of new bridges throughout the county.

Contracts Awarded.

CLACKMAS, ORE.—Bridges, 2, steel and concrete, \$21,247. Engineer, County Surveyor, Oregon City. Owners, Clackamas County. Contractor, A. C. V. Berry, Selling Bldg., Portland. Contract price, \$21,247.

CHURCHES.

SAN FRANCISCO—Church, 1 story and base, frame and plaster, \$35,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanu El Evangelical Association. The building will be erected at the southwest corner of Capp and 19th streets, and will cover an area of 65 feet square. The design is in the Romanesque style and exterior will be covered with cement plaster on metal lath. Interior has been arranged for a large auditorium, Sunday school rooms, parlor, choir loft and pastor's study. Interior will be finished in oak and ornamental plaster. A central heating plant will be installed. Working drawings are being prepared and will be ready for figures in about three weeks.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Factory boiler house, 1 story, corrugated iron, \$7,500. Architect, none. Owners, Pacific Gas and Electric Co., 13th and Clay streets, Oakland. The building will be erected at the corner of 1st and Market streets. Exterior will be covered with corrugated iron. A cement floor will be used. The cost does not include the installation of the boilers. Plans are complete and work will be done by Day Labor.

SEATTLE, WASH.—Cold storage addition, reinforced concrete, \$60,000. Engineer, Chief Engineer Paul P. Whitham, Seattle. Owners, City of Seattle. Working drawings are being prepared for an addition to the city's cold storage plant on the East Waterway. Construction will be of reinforced concrete. The estimated cost does not include machinery to be installed. Exterior of the building will be faced with cement plaster. Plans will be ready for figures about August 1st.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—City jail and morgue lighting fixtures. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for furnishing and installing the lighting fixtures in the City Jail and Morgue show Roberts Mfg. Co. low at \$1476. They will be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

RED BLUFF, TEHAMA CO., CAL.—Jail, 2 story and base, brick and steel, \$45,000. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Bids opened by the Board of Supervisors of Tehama County for the construction of the new two-story brick and concrete jail building designed by Architect R. A. Herold of Sacramento show R. W. Moller of San Francisco low on the general construction at \$22,885, and the Stewart Iron Works of Cincinnati low for the cell work at \$21,160. Awards will be made this week. Following are the bids for the general construction:
R. W. Moller, San Francisco, \$22,885.00
O'Connor Bros., Red Bluff, 34,680.00
Keating & Hite, S. F., 24,975.00

GOVERNMENT WORK AND SUPPLIES.**Greely, Colo., Construction.**

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., June 30 for the construction, complete, of the U. S. post office at Greely, Colo.:

Bid 1, J. H. Wiese, Omaha, Neb.
2, R. J. Wells, Greely, Colo.
3, Eugene Schuler, Pasadena, Cal.
4, Dieter & Wenzel Construction Co., Wichita, Kans.
5, George Hinchliff Co., 1408 Security Building, Chicago, Ill.

6, F. H. Cowell, Denver, Colo.
Proposal No. 1 (using limestone for all exterior stonework except where granite is required)—Bid 1, \$96,266; 2, \$125,530; 3, \$99,000; 4, \$97,983; 5, \$102,200; 6, \$106,447.

Proposal No. 2 (using sandstone for all exterior stonework, except where granite is required)—Bid 2, \$146,715; 3, \$108,000; 4, \$97,983; 6, \$115,305.

Proposal No. 3 (using white Colorado marble for all exterior stonework except where granite is required)—Bid 1, \$127,480; 2, \$166,290; 3, \$135,000; 4, \$131,000; 5, \$127,200; 6, \$136,135.

Edoposal No. 4 (using white marble other than Colorado Marble for all exterior marble, except where granite is required)—Bid 1, \$117,760; 4, \$118,360; 5, \$126,000.

For alternate 1 (substituting marble for all Caen stone plaster in connection with the entrance lobbies and vestibule, as specified), add—Bid 1, \$1,250; 2, \$2,300; 3, \$3,100; 4, \$1,842; 5, \$1,700; 6, \$2,012.

For alternate 2 (substituting Keene's cement for hard plaster on walls of all finished rooms throughout the building, as specified), add—Bid 1, \$700; 2, \$600; 3, \$935; 4, \$528; 5, \$550; 6, \$1,200.

For alternate 3 (for painting all plaster walls of finished rooms throughout the building and finished ceilings in distemper, as specified), add—Bid 1, \$1,800; 2, \$1,650; 3, \$1,750; 4, \$1,975; 5, \$900; 6, \$412.

For alternate 4 (substituting ornamental cast or extruded for all drawn bronze, as specified), add—Bid 1, \$6,700; 3, \$6,700; 5, \$5,000.

Amount included for lighting fixtures—Bid 1, \$800; 2, \$1,050; 4, \$770; 6, \$860.

San Francisco, Steel Steamer.

The following bids were received by the depot quartermaster, San Francisco, Cal., under office circular of June 5 for one single screw steel steamer for harbor service:

Bid 1, United Engineering Works, San Francisco, Cal.

2. Union Iron Works, San Francisco, Cal.
3. Seattle Construction and Dry Dock Co., Seattle, Wash.
4. Navy Yard, Puget Sound, Wash., (estimate only.)
5. Navy Yard, Mare Island, Cal. (estimate only.)

Item 1. Complete vessel with turbo generating set, per specification—Bid 1, \$129,000; 2, \$135,550; 3, \$129,500; 4, \$143,360; 5, \$141,400.

2. Complete vessel with reciprocating generating set—Bid 1, \$128,600; 2, \$135,745; 3, \$129,300; 4, \$143,610; 5, \$141,255.

3. For work required under paragraph 164 of the specification—Bid 1, \$1,200; 2, \$3,500; 3, \$2,400; 4, \$1,050; 5, \$1,180.

—HALLS & SOCIETY BLDGS—

SAN FRANCISCO—Civic Center Plaza grading. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for the grading of the Plaza in the Civic Center site show T. W. McClenahan Co. low at \$54,560. They will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

HOSPITALS

DECOTA, ALAMEDA CO., CAL.—Dormitory, 2 story and base, brick and concrete. Cost not stated. Architect, James H. Humphreys, 612 Wells-Fargo Bldg., S. F. Owners, California Masonic Home. The building will be erected on the grounds of the institution, and has been designed to contain two large dormitories, dining hall and kitchen. Interior finish will be of pine throughout. There will be steam heat, oil burning plant, vacuum cleaning and hot water system. Exterior will be faced with pressed brick and cement plaster. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Hospital refrigerating plant. Cost not stated. Engineer, City Dept. of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. A bill ordering the construction of a refrigerating plant at the Isolation Hospital has been passed to print by the Board of Supervisors. Plans will be prepared by the City Department of Engineering and bids will be called for by the Board of Public Works.

SAN FRANCISCO—Pathological ward, 2 story and base. Class A construction, \$75,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. The building will adjoin the main group of the new City and County Hospital on Potrero street, between 21st and 23rd streets, and will cover a ground area of 90 by 160 feet. There will be a complete steel frame, concrete floors and fireproof interior partitions. Interior finish will be of pine and hardwoods. Steam heat will be supplied from the central power station. Considerable special equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for by the Board of Public Works. Further mention will be made of the work.

NAPA, NAPA CO., CAL.—Silos and feed room, state hospital, concrete construction. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 8th for this work show Harvey A. Klyce of San Francisco low at \$3,537. He will be awarded the work. A complete list of the figures received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOTELS.

SEATTLE, WASH.—Hotel, 10 story and base, reinforced concrete. Cost not stated. Architect, J. L. McCauley, New York Block, Seattle. Owners, Hainline Heat and Power Co. The building will be erected at the corner of Jackson and Maynard streets, covering an area of 105 by 120 feet. Construction will be fireproof throughout, with reinforced concrete floors, walls and roof slabs. Two propositions are being considered, one for a six-story building containing 255 rooms, and the other for a ten-story structure of 455 rooms with 150 baths. Interior finish will be of pine and hardwood. There will be two elevators, steam heat, hot and cold running water, vacuum cleaning and metal window sash and frames. All bath rooms will be finished in tile. Entrance will have marble and tile wainscot. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete and figures are now being taken from selected contractors only.

LIBRARIES.

WOODLAND, YOLO CO., CAL.—Library, 1 story and base, reinforced concrete. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Town of Woodland. The building will be in the nature of an addition to the present library and will be designed in the classic style. Construction will be of reinforced concrete throughout. Interior will be finished in pine with some hardwood. There will be two large reading rooms and a stack room. Plans provide for steam heat. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit building, 1 and 2 story frame and plaster, \$50,000. Architect, George J. Oakeshott, Lackman Bldg., S. F. Owners, Australia. Bids open for this work show William A. Newsom of San Francisco low at \$49,786. Twelve sets of figures were opened. Bids have been forwarded to Australia for consideration. A complete list of the bids appears under the heading of San Francisco in this issue.

SAN FRANCISCO—Camp of 49, frame construction, \$100,000. Architect, Capt. Lewis, 609 Nevada Bank Bldg., S. F. Owners, California 49 Camp Co. There will be a total of ten buildings in the group, all of log construction and representing a typical mining camp of the day of 49, with its saloons, general store, gambling hall, Chinese laundry, blacksmith shop, post office and other typical buildings.

The work is now being done by Day Labor under the direction of Capt. Lewis.

SAN FRANCISCO—Exhibit group, frame construction. Cost not stated. Architect, Placentini, Rome, Italy. Owners, Italian Government. Designs prepared for Italy's display at the Panama-Pacific Exposition by Sig. Placentini show a group of small buildings typical of a small Italian town, and will contain many of the most characteristic industries of the natives. Various Italian styles of architecture will be used. Plans will shortly arrive in this city for figures.

SAN FRANCISCO—Exhibit building, 1 and 2 story, frame and plaster, \$60,900. Architect's name not given. Owners, Cuban Government. Fourteen sets of figures were opened for the construction of the exhibit building to be erected by the Cuban Government at the Panama-Pacific International Exposition. H. C. Warwick was low at \$60,900, and will be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Dairy, Poultry and Congress buildings, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and are now out for figures for constructing the dairy, poultry and congress buildings and for a feed barn and corrals for the live stock exhibit. Bids will be opened on July 20th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Mill exhibit booth, Cost not stated. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sperry Flour Co. Figures are now being taken for a large exhibit to be erected by the Sperry Flour Co. in block 10 of the Food Products Palace at the Panama-Pacific International Exposition. The space is 62 feet 9 inches by 117 feet 3 inches, and will contain a complete mill plant, bake shop, grain testing laboratories, ten booths and special space to be devoted to the demonstration of the best methods of preparing cereals. The work will cost in the neighborhood of \$25,000 exclusive of the mill machinery.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of New York. An official proposal is published in another column of this issue calling for figures for completing the partly completed New York State Exhibit building on the Exposition Grounds. Bids are to be opened on July 17th at the building. Plans and specifications can be secured from the office of the New York State Panama-Pacific Commission at the New York State Building on the Exposition Grounds.

Contracts Awarded.

SAN FRANCISCO—State exhibit building, 1 and 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Kansas. Official word has been received from the Kansas Panama-Pacific Commission to the effect that all bids from San Francisco contractors have been rejected and that the contract has been awarded to a Topeka man on the percentage basis. The name of the contractor is not given.

SAN FRANCISCO—Irish village group of 1 story frame and plaster, \$150,000. Architect, Benj. G. McElougall, Sheldon Bldg., S. F. Owners, Irish Village Co., represented by Michael O'Sullivan, Contractors, Larsen-Sampson Co., Crocker Bldg., S. F. Contract price, \$150,000.

SAN FRANCISCO—State exhibit building, 1 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of Utah, Contractors, Northwest Construction Co., Mills Bldg., S. F. Contract price not stated.

POST OFFICES.

SAN FRANCISCO—Post office, 1 and 2 story. Class A construction. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Working drawings for a new building to house the United States post office at the Ferry are now being completed. The building will adjoin the Ferry Building on the south. Bids will shortly be called for on the pile foundation and grading. Interior will be finished in pine and hardwood. There will be special mail racks and holders, steam heat and modern plumbing. Exterior of the building will be faced with cut stone. Bids will be called for in about two weeks.

FRESNO, FRESNO CO., CAL.—Post office repairs and painting. Cost not stated. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being taken by the Postmaster at Fresno for repairs and painting. Full particulars can be secured from the Postmaster.

MEDFORD, ORE.—Post office, 2 story and base, brick and stone, \$80,000. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed for the new Federal building to be erected at Medford. Construction will be fireproof except the upper floor. Interior finish will be of pine and hardwood. Plans provide for steam heat, vacuum cleaning system and hot water supply. Marble and tile will be used in the corridors. A general contract, including heating, ventilating, plumbing and lighting fixtures will be let. Exterior of the building will be faced with pressed brick, stone and ornamental terra cotta. Bids will be opened on August 27th. Plans can be secured from either the Supervising Architect or from the custodian of the site.

Contracts Awarded.

CHICO, BUTTE CO., CAL.—Post office, 2 story and base, brick and concrete, \$76,980. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, B. J. Duffy, 2673 17th street, S. F. Contract price, \$76,980.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Car barn grading. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for grading the site of the new Municipal Car Barns show Daniel O'Day low at \$34,550. He will

be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, brick or reinforced concrete, \$15,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected on property recently purchased by Mrs. Musto at Vallejo and Divisadero streets, and will cover a large area. Plans provide for a building with twenty rooms and several baths with a basement garage. Interior of the dwelling will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be steam heat and open fire places. Tile and marble mantels will be used. Exterior will be covered with cement have tile wainscot and composition floors. An automatic water heater will be installed. Only preliminary plans have been prepared.

SAN FRANCISCO—Residences, 2, 1½ story and base, frame, \$2,500 each. Architect none. Owner, W. Bahrs, 635 17th avenue, S. F. These dwellings will be erected on the west side of 19th avenue, south of Anza street, and will contain five rooms and baths. Interiors will be finished in pine with some hardwood. Exteriors of the buildings will be covered with cement plaster on metal lath. Baths will have tile wainscot and composition floors. Brick or tile mantels will be used. An automatic water heater will be installed. There will be furnace heat and open fire places. Work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Walter Voden, 1015 Cole street, S. F. Owners, Thos. Voden & Son. The dwelling will be erected on 18th avenue south of Lake street, and has been designed to contain seven rooms with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Bath rooms will have tile wainscot and composition floors. An automatic water heater will be installed. Tile mantels are specified. Materials are now being purchased and work will be done by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame, \$3,000. Architect, Joseph A. Leonard, 55 Cerritos avenue, S. F. Owners, Urban Realty Improvement Company. The building will be erected on Urbano Drive near Victoria street. Interior of the dwelling will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Baths will have tile wainscot and composition floors. Tile mantels will be used. Exterior of the building will be covered with shingles. Work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thos. Scobie. The dwelling will be erected on the east line of Jordan avenue south of Euclid, and has been designed to contain seven rooms with two baths. Interior will be finished in pine and redwood. An automatic water

heater will be installed. Baths will have tile wainscot and composition floors. Brick or tile mantels will be used. Hardwood floors will be used in the principal rooms. Materials are now being purchased and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architect, Robert L. Holt, 2143 Center street, Berkeley. Owner, Mrs. Robert L. Holt. The building will be erected on Posen avenue and will contain six rooms and bath. Interior will be finished in pine with hardwood floors. An automatic water heater will be installed. There will be furnace heat and open fire places. Brick or tile mantels will be used. Exterior of the dwelling will be covered with shingles. Plans are now being figured.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,500. Architect, A. J. Laib, Russ Bldg., S. F. Owner, Mrs. Cordy. This dwelling will be erected at the corner of 41st and Telegraph avenue, and will cover a large ground area. Interior will be finished in pine with hardwood floors in the principal rooms. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Tile mantels will be used. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,500. Architect, Claude B. Barton, 1st Trust and Savings Bldg., Oakland. Owner's name withheld. This dwelling will be erected in the Thousand Oaks in Berkeley, and has been designed to contain eight rooms with bath. Interior will be finished in pine and hardwood. Hardwood floors being used in the principal rooms. An automatic water heater will be installed. There will be open fire places and tile mantels. Baths will have tile wainscot and composition floors. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Claude B. Barton, 1st Trust and Savings Bldg., Oakland. The building will be erected in the Thousands Oaks in Berkeley, and has been designed to contain seven rooms with bath. Interior will be finished in pine with some hardwood. Hardwood floors will be used in the principal rooms. Brick or tile mantels will be used. Baths will have tile wainscot and composition floors. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster. Sub-bids are now being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. The building has been designed for a seven-room dwelling with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Tile mantels are specified. There will be furnace heat and open fire places. Exterior of the building will be faced with cement plaster. Plans are now being figured.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, P. Nelson, 30 Presidio Terrace, S. F. The dwelling has been

SCHOOLS.

designed for a five-room house with bath, and will be erected on 16th avenue north of California street. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Costello & Peirick, 93 College avenue, S. F. The dwelling has been designed for a five-room house with bath and will be erected on 17th avenue north of Clement. Interior will be finished in pine with some elm panels and hardwood floors. There will be an open fire place and tile mantel. Bath room will have tile floor and wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling has been designed for a six-room house with bath and will be erected on 22nd avenue north of Clement street. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath room will have the wainscot and composition floor. An automatic water heater will be installed. Exterior of the house will be covered with rustic, cement plaster on metal lath and a klinker brick base. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, C. C. Adams. The dwelling will be erected in Waterside Terrace, and has been designed for a five-room house with bath. Interior will be finished in pine throughout. Some oak floors will be used. There will be a large open fire place and tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with shingles. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,000. Architect, none. Owner, E. W. Woodard, 2645 13th avenue, Oakland. The dwelling will be erected on Brighton avenue south of Park, and has been designed to contain six rooms and bath. Interior will be finished in pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick, \$26,270. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, Thomas O'Neill. Contractor, Los Angeles Planning Mill Co. Contract price, \$26,270.

BERKELEY, ALAMEDA CO., CAL.—School dairy buildings, frame. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened for this work show the firm of Boxton, Dillon & Boxton of San Francisco low at \$5,460. They will probably be awarded the work. A complete list of the bids will be found in this issue under the heading of Oakland and Alameda County.

TAFT, KERN CO., CAL.—School, 1 story, frame. Cost not stated. Architect, J. M. Saffell, Bakersfield. Owners, Conley School District. The building will contain two rooms. Interior will be finished in pine throughout. Composition blackboards are specified. Exterior will be covered with cement plaster. Plans are complete and figures have been taken. An award of contract will be made shortly.

COLLINS SCHOOL DISTRICT, SANTA CLARA CO., CAL.—School, 1 story, frame. Cost not stated. Architect, none. Owners, Collins School District. The building will be erected at the intersection of the Saratoga and Mountain View roads, and will contain one room. Plans are complete and in the hands of the Clerk of the Collins School District, C. O. Brooks, who may be addressed, Saratoga and Mountain View Roads, Santa Clara County. Bids are now being taken and will be opened on July 16th.

FOLSOM, SACRAMENTO CO., CAL.—School, 2 story and base, frame and plaster, \$22,000. Architects, Campbell & Sellon, 1005 K street, Sacramento. Owners, Folsom School District. The building has been designed to contain four class rooms and an assembly hall. Interior will be finished in pine throughout. There will be maple floors in the class rooms. Composition blackboards will be used. A central heating system, probably warm air, will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BANNING, RIVERSIDE CO., CAL.—School, 1 story and base, brick, \$12,000. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Banning School District. The building will contain three class rooms. Interior will be finished in pine with maple floors. There will be warm air heat. Blackboards will be of composition. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

AUBURN, PLACER CO., CAL.—School, 2 story and base, brick and reinforced concrete, \$75,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Auburn Union High School District. This building has been mentioned here several times before. There will be twelve class rooms, a large assembly hall and domestic science and manual training department. Interior will be finished in pine with hardwood floors. There will be steam heat and program clocks. Exterior of the building will be faced with either red pressed brick or cement plaster. Plans are complete and figures will be called for as soon as the bonds can be sold.

PASADENA, LOS ANGELES CO., CAL.—Schools, 2, 1 and 2 story and base, brick, \$35,000 and \$10,000. Archi-

ects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, City of Pasadena. Bids will be taken separately on the general contract, plumbing and heating and ventilating. The Altadena school will be part one and two stories and will contain an auditorium, class rooms, domestic science and manual training departments. Construction will be of brick with plaster exterior, pressed brick trim. The Lamanda Park building will be a one-story structure and will contain eight class rooms, library, teachers' rooms, domestic science and manual training departments. It will be of brick construction. Plans are complete and figures are being taken. N. G. Felker, Chamber of Commerce Bldg., Pasadena, is the Clerk of the Board of Education.

Contracts Awarded.

SANTA MARIA, SANTA BARBARA CO., CAL.—Schools, 2, 1 story and base, frame and plaster, \$20,000. Architect, none. Owners, Santa Maria School District. Contractors, G. M. Doane & Sons, Santa Maria. Contract price, \$20,000.

OAKLAND, CAL.—College, 2 story and base, reinforced concrete, \$35,000. Architect, Frederick D. Boese, 45 Kearny street, S. F. Owners, California Concordia College. Contractor, William Martin, general contract; Nilsen & Harras, plain and reinforced concrete, and Herman Lawson, plumbing and heating. Contract prices not given.

BISHOP, INYO CO., CAL.—School repairs and plumbing. Cost not stated. Architect's name not given. Owners, Bishop School District. Contractor, C. M. Dixon, Bishop, repairs, \$3,501.75. Munzinger & Gibson, Bishop, plumbing, \$2,448.

LOS ANGELES, CAL.—Dental college, 3 story and base. Class C construction, \$10,989. Architect, none. Owners, Southern College of Dentistry. Contractors, Huntsberger-Reed Co., Van Nuys Bldg., L. A. Contract price, \$10,989.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 10th for constructing state highways in the following counties: Mendocino, 2.75 miles; Humboldt, 13.5 miles; Santa Clara, 1.9 miles; Santa Clara, 6.8 miles; Contra Costa, 3.6 miles; Humboldt, 5 miles; Santa Barbara, 9.3 miles; Orange, 9.4 miles and Imperial 6 miles. Plans and complete information can be secured from the State Highway Commission.

SAN FRANCISCO—Road construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing a road into the Hetch-Hetchy Dam site show the Utah Construction Co. low at \$151,499.50. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

RICHMOND, CONTRA COSTA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Paving on Main, Sotto, Esmond and Castro streets has been ordered at once. Bids will be

called for shortly. The work is to be done with asphalt macadam.

WESTVILLE, PLACER CO., CAL.—Power line construction. Cost not stated. Engineer's name not given. Owner, E. R. Quigley, Westville, E. R. Quigley of Westville, Placer Co., Cal., is building a power line from the Black Canyon Mine in Westville to Alta, a distance of 15 miles.

BELLE FOURCHE PROJECT, SO. DAKOTA—Stave pipe. Cost not stated. Engineer, United States Reclamation Service, Denver, Colo. Owners, United States Government. Bids will be opened on July 30th for furnishing the Reclamation Service with a quantity of wood stave pipe as follows: Approximately 1,750 feet of 60-inch; 8,560 feet of 32-inch, and 2,406 feet of 24-inch. Full particulars can be secured from the Reclamation Service, Denver.

CONCORD, CONTRA COSTA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Concord. Owners, Town of Concord. At the last meeting of the Council bids were called for on paving three blocks at Mc Diablo street. Bids will be opened on July 15th. At the meeting on July 15th bids will probably be called for on paving for Concord avenue.

SANTA ROSA, SONOMA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. The City Council has adopted resolutions and bids will be called for shortly for asphalt pavement on Santa Rosa avenue, from the Main street bridge to the city limits, and for concrete curbs and gutters on Healdsburg avenue, from 10th to Lincoln, and on 10th from Mendocino avenue to the Northwest Pacific tracks.

Contracts Awarded.

CALIFORNIA—Highway work. Cost not stated. Engineer, California Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contracts for four pieces of State Highway were let as follows: Yolo, to M. Blumenkranz, Stockton, \$53,988.60; Santa Cruz, to Occidental Construction Co., Los Angeles, \$54,761.50; San Luis Obispo, to Rogers Bros., Los Angeles, \$86,986, and Ventura, to L. G. Garnsey, Los Angeles, \$96,121.25. Bids were rejected for work in Kern County and San Diego County, and will either be readvertised or done by Day Labor. No action has as yet been taken on the work in Tehama or Shasta Counties, bids for which were opened at the same time.

SEVILLE, TULARE CO., CAL.—Street grading and water system. Cost not stated. Engineer, none. Owners, Town of Seville. Seville on the Minkler and Southern Railroad in Tulare County has let a contract to A. H. Finkle of Orosi for grading the streets, and to Thomas Moon and the Fresno Agricultural Works of Fresno for water works machinery.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Store alteration, 1 story, brick. Cost not stated. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners, Crocker Estate Co. The building adjoining the Crocker Bank Building on the north side of Market street west of Montgomery will be altered for a candy store. New interior finish, store fixtures and plastering, electric work and plumbing will be required. Marble

wainscot will also be used. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story, brick, \$5,000. Architect, James W. Planchek, Acheson Bldg., Berkeley. Owner, Robert Blekeley. The building will be erected on Alston Way near Shattuck avenue, and will contain two stores. Interiors will be finished in pine. There will be patent store fronts and plate glass windows. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

PORTLAND, ORE.—Telephone substitution, 2 story and base, reinforced concrete, \$20,000. Architect, Cobby, 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. Contractors, Sound Con. and Engineering Co., Couch Bldg., Portland. Contract price, \$20,000.

THEATRES.

VISALIA, TULARE CO., CAL.—Theatre alteration, 1 story, brick and frame, \$15,000. Architects, Swartz, Hotckin & Swartz, Rowell Bldg., Fresno. Owner, W. R. Saulding, Visalia. The old Armory will be altered and an addition constructed. The work will include new interior partitions, plumbing, painting and plaster work. A complete stage equipment will be installed. Plans are now being prepared and figures will be called for shortly. Further mention will be made of the work.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Theatre and stores, 4 story and base, Class A construction, \$1,800. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White, Fresno. Contractors, Trewhitt & Shields, Fresno. Contract price, \$1,800. Note: This does not include opera chairs and stage equipment.

SEALED PROPOSALS.

NOTICE TO BIDDERS.

NOTICE is hereby given that sealed proposals will be received by the Board of Supervisors of Sutter County, California, at the rooms of said Board, in the Court House, in Yuba City, Sutter County, California, up to and not later than 2 o'clock p. m. on Monday, the 20th day of July, 1914, for furnishing all labor and materials for, and the constructing of a reinforced concrete bridge with approaches, across the overflow channel of Butte Slough, in said Sutter County, at the site of that bridge commonly called "Long Bridge." Said bridge and approaches to be constructed and completed in strict accordance with the plans, drawings and specifications prepared by Erle J. Cope, Civil Engineer, and adopted by said Board on June 2nd, 1914, and on file in the office of the County Clerk of Sutter County, reference to which is hereby made for full details and description of said work and materials; the amount of bond that the contractor shall furnish for the faithful performance of the contract is the full amount of the contract price. Work must be commenced within ten days from the receipt of notice from the Clerk of said Board, of acceptance of bid, and completed on or before December 1st, 1914. Payments shall be made in two installments, as follows: Two-thirds of the contract price, December 15th, 1914, and the other one-third, May 1st, 1915. A penalty of Twenty-five (\$25) dollars per day shall be paid by the contractor for each and every day the contract remains unperformed, after the expiration of the time named in the foregoing proposals offered shall be accompanied by a check certified by a responsible

bank, payable to the order of the Clerk of the Board of Supervisors of Sutter County, for an amount not less than ten (10) per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check. Proposals shall be in the form set forth in said specifications.

Prospective bidders shall deposit the sum of \$5 when plans are taken away, which sum shall be forfeited unless such plans are returned within one week.

The Board of Supervisors of Sutter County reserves the right to reject any and all bids.

By order of the Board of Supervisors of the County of Sutter, State of California. D. D. GREEN.

PROPOSALS FOR PAINTING.

PAINTING AND REPAIRS—U. S. Post Office, Fresno, Cal. Custodian's Office.—Sealed proposals will be received at this office until — p. m., and then opened for repairs and painting at the building in accordance with drawings and specifications, copies of which may be obtained upon application, — Custodian.

PROPOSALS FOR WOOD STAVE PIPE.

WOOD STAVE PIPE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, 519 Commonwealth Building, Denver, Colo., until 2 o'clock p. m. July 30, 1914, for the construction of 1,750 lin ft of 60-in, 8,560 lin ft of 32-in, and 2,406 lin ft of 24-in diameter continuous wood stave pipe for the Belle Fourche project, S. Dak.; the Uncompahgre Valley project, Colo., and the North Platte project, Neb., respectively. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. F. H. NEWELL, director.

PROPOSALS FOR STEEL GATES.

STEEL GATES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. August 4, 1914, for furnishing all structural steel and cast iron sluice and regulator gates, gate frames, gate stands, and accessories for projects in the northern division. For particulars address the U. S. Reclamation Service, Washington, D. C., or Great Falls, Mont. F. H. NEWELL, Director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 860—Lumber, Coated Ties, Copper Tubing, Bolts, Washers, Galvanized Wire, Chisels, Cable Clips, Twist Drills, Files, Pipe Dies, Hack Saw Blades, Ratchet Wrenches, Vises, Buckets, Portable Pumps, Grindstones, Tackle Blocks, Paint Brushes, Foundry Brushes, Butchers' Blocks, Water Coolers, Marine Clocks, Hose, Boiler Lugging, Magnesia Pipe Covering, Emery Paper, and Crayons.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until August 1, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Bids and general information relating to this circular No. 860 may be obtained from the office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Honolulu, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition, Exposition Building, Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 a. m. Monday, July 20, 1914, for Contract for Building, Congress Buildings, Feed Barn and

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1896—Incorporated 1913

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Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

Cornals of Live Stock Exhibit, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of the Exposition, Room 207, Filmore Building, Filmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting 100 copies of bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (S)

NOTICE TO CONTRACTORS.

OFFICE of the Clerk of the City Council of the City of Richmond, City Hall, Richmond, Cal.

Sealed bids will be received by the Clerk of the City Council of the City of Richmond in his office in the City Hall in the City of Richmond, California, until **Monday, July 20, 1914, at 8 o'clock p. m.** of said day for the construction of a portion of the Timber Bulkhead and Retaining Wall of the Richmond Outer Harbor and being in the City of Richmond, County of Contra Costa, California, and all as described and shown in and upon the specifications and plans for the work now on file in the office of the City Clerk of the City of Richmond, and which, for the purpose of more definite descriptions, are made a part hereof.

All bids must be made on the proposal sheets furnished each bidder. Notice to bidders, proposal sheets, specifications and plans, etc., can be obtained at the office of the City Clerk of the City of Richmond, California, or at the office of P. A. Haviland, of Haviland & Tibbets, Alaska Commercial Building, San Francisco, California, on the deposit of Five Dollars made by the prospective bidder. All bids shall be subject to the requirements of the above. All bids which in the judgment of the City Clerk present unbalanced unit prices considered in relation to their unit price will be rejected. The right is reserved by the City Council of the City of Richmond to reject any or all proposals or bids. Each bid must be accompanied by a certified check made payable to the Clerk of the City of Richmond in the sum of at least five per cent (5%) of the total amount of the bid.

(Seal) A. C. PATIS,
City Clerk.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Canfield Building, Sacramento, California, up to and including **12 o'clock, noon, Wednesday, July 29, 1914**, said bids, then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for

the construction and erection of superstructures for two bridges on the Trinity State Road, one bridge, 90 foot span, to be erected across the Mud River; one bridge of two 60-foot spans, to be erected over the South Fork of the Trinity River.

Bids may be submitted on either all steel or combination steel and wood superstructures.

Concrete piers and flooring for these bridges will be furnished by the State Department of Engineering.

Bids must be accompanied by detail drawings and strain sheets, snow load to be taken at 8 feet of dry superstructure to be taken as 20-ton road roller, or traction engine.

Blueprints showing profile and further information may be obtained by application to this office.

Cash, a bidder's bond, or certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposals for Building Structures for two bridges on the Trinity State Road, California."

Signed: W. F. MCCLURE,
State Engineer.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 19th day of August, 1914**, for doing the following work, including the furnishing of the necessary labor and materials therefor:

The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$500,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Clerk of the Supervisors. All proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to **11 o'clock a. m. on Monday, July 20, 1914**, for the construction of three culverts in Road District No. 3 in said county, and located as follows: one culvert on Union avenue, north of Cortina avenue; one culvert on Los Gatos and Almaden road, near Riggs' place; one culvert on Los Gatos and Almaden road, near Thomas' place, pursuant to and in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a

certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pils Sr., County Clerk, as liquidated damages in case the contractor fails to file a satisfactory bond as required by said Board within five days after the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry A. Pils Sr., Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Culverts."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PISTER,
Clerk.

PROPOSALS FOR STEEL PIPES.

STEEL PIPES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until **2 o'clock, p. m. of July 22, 1914**, for furnishing material and erecting riveted steel pipes for the Milk River project, Montana. For particulars, address: C. S. Beckman, Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS WANTED FOR FURNITURE AND EQUIPMENT FOR NEW CITY MOIRIE AND CORONER'S OFFICE.

SEALED proposals for furniture and equipment required will be opened in open session of the Board of Supervisors on **July 27, 1914, at 3 p. m.**

Proposals furnished on application. J. S. CONNIGAN, Clerk.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Erecting Five Industrial Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. on August 15, 1914**, and then they will be publicly opened, for erecting five industrial buildings at the United States naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR EXCITER.

TURBINE EXCITER—Sealed proposals indorsed "Proposals for 40-kilowatt Turbine-Driven Exciter" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. on July 25, 1914**, and then they will be publicly opened, for furnishing and installing one 40-kilowatt turbine-driven exciter in the central power plant at the navy yard, Puget Sound, Wash. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of **10 o'clock a. m. on Monday, July 20, 1914**, for the construction of a reinforced concrete bridge over the second crossing of the San Gregorio Creek on the county road from La Honda to San Gregorio in the Fifth Road District, per contract No. 100-1914, prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, June 22, 1914, which said plans and specifications are on file in the office of the Clerk of said Board, where the same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank, in a sum equal to at least ten per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo, as liquidated damages, in case the party to whom the contract is awarded shall fail, neglect or refuse to execute and file, within ten days after the

award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county, in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in dollars per cubic yard, to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.

JOS. H. NASIH,
County Clerk.

PROPOSALS FOR BRIDGE.

BRIDGE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, at 12 o'clock p. m. July 22, 1914, for furnishing all material and labor for the construction of a highway bridge, consisting of three 120-foot steel truss spans and wooden trestle approaches, across the south fork of the Snake River, near Jackson, Wyo. For particulars address the United States Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR WHARF.

WHARF—Sealed proposals indorsed "Proposals for Wharf" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 22, 1914, and then there will be public opening for a timber and pile wharf at the United States naval coal depot, San Diego, Cal. Estimated cost, \$3,300. Plans and specifications can be obtained on application at the bureau. The commanding officer of the coal depot, H. R. STANFORD, chief of bureau.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, in said county, up to 11 o'clock a. m. Monday, July 20, 1914, for the construction of a steel highway bridge over Pacheco Creek between the counties of San Benito and Santa Clara at the road leading from Hollister to San Felipe in accordance with plans and specifications for said work as jointly prepared by the Surveyors of Santa Clara and San Benito counties, which are on file in the chambers of the Board of Supervisors of Santa Clara county.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

Bids for this work will also be received up to 11 o'clock a. m. Monday, July 20, 1914, at the office of the Board of Supervisors of San Benito county in the town of Hollister, and the contract for said work will be awarded to such bidders as may be agreed upon by the Board of Supervisors of San Benito county and the Board of Supervisors of Santa Clara county as being the lowest responsible bidder for said work.

The Board reserves the right to reject any and all bids.

All bids may be addressed to Henry M. Ayer, Chairman of the Board of Supervisors of Santa Clara county, and indorsed "Bids for Steel Highway Bridge over Pacheco Creek."

By order of the Board of Supervisors of Santa Clara county.

Attest: HENRY A. PFISTER, Clerk.

By F. A. Schilling, Deputy Clerk.

NOTICE TO CONTRACTORS.

BIDS will be received by the Board of Supervisors, County of Kern, State of California, up to 10 a. m. July 15th, 1914 for the construction of a pile trestle bridge across the North Fork of Kern River at Kernville, on County

Road No. 315, dimension 208 feet long. The bridge will also be a pile trestle bridge across branch channel of same stream near above bridge site. Dimensions 32 feet long, 20 feet wide. Plans and specifications at County Surveyor's Office.

Each bid to be accompanied with a certified check payable to the Chairman of the Board of Supervisors, to the amount of 10 per cent of amount of bid to insure the entering into of a contract by the successful bidder.

The Board reserves the right to reject any or all bids.

Additional Notice.

Lumber for the bridges can be secured from the A. Brown Co., of Kernville at the following rates: \$23 per M. at the mill on Greenhorn Mountain.

\$30 per M. delivered at the bridge site.

By order of the Board of Supervisors of the County of Kern, State of California.

H. A. JASTRO, Chairman.

Attest: I. L. MILLER, Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Thursday, July 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction, erection and installation of the Elevator Work, California State Library, State Capitol Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Said bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California."

[SIGNED] W. F. MCCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC COMMISSION, STATE OF NEW YORK.

SEALED BIDS will be received at the office on the site of the New York State Building on the Panama-Pacific Exposition Grounds until 12 o'clock noon, Friday, July 17th, 1914, for the Erection and Completion of the Partially Erected General Construction for the New York State Building on the Panama-Pacific Exposition Grounds, San Francisco. Specifications, drawings and bid blanks may be obtained at the office on the site of the building on the Exposition Grounds.

NORMAN BLACK, Chairman.
JOHN R. YALE, Vice-Chairman.
WILLIAM LEARY, Ass't. Secretary.

PROPOSALS FOR BRIDGE WORK.

NOTICE is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to 11 o'clock a. m. Monday, July 20, 1914, for the construction of a reinforced concrete extension to the bridge over Llagas Creek on San Martin avenue in accordance with plans and specifications

on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within five days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to Henry M. Ayer, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Extension of Bridge at San Martin Avenue."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.

By F. A. Schilling, Deputy Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Wednesday, July 22nd 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Landay, Southern California State Hospital, Patton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Landay, Southern California State Hospital, Patton, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office 405 Custom House, San Francisco, Cal.—Sealed proposals for dredging in San Joaquin River and Stockton Channel, Cal., will be received here until 10 a. m. July 25, 1914, and then publicly opened. Information on application. S. A. CHENEY, major, engineers.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 2 o'clock p. m. on July 20th, 1914, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made.

Reinforced concrete and timber trestles in Yolo County across the Yolo By-pass, on the easterly side of the Southern Pacific Railroad, a length of about 3 miles.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office.

No bid will be received unless it is made on a blank form furnished by the Commission. The specifications of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full di-

rections as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLITCHER,
California Highway Engineer.
CHARLES C. CARLETON,
Acting Secretary.
Dated: June 23, 1914. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, July 20th, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Gymnasium California School for Deaf and Blind, Berkeley, California**, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in all bids received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Gymnasium, California, School for Deaf and Blind, Berkeley, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Tuesday, July 21st, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the **Cottage for Epileptics, Sonoma State Home, Eldridge, California**, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in all bids received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Cottage for Epileptics, Sonoma State Home, Eldridge, California."

[SIGNED] W. F. MCCLURE,
State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received in the office at **3 p. m. July 20, 1914**, for the construc-

tion, complete (including mechanical equipment, interior lighting fixtures and approaches), of the United States post office at Bozeman, Mont. Two-story and basement building, ground area 4,900 square feet, partially fire-proof construction, stone and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Bozeman, Mont., or at this office, in the discretion of the supervising architect. O. WEN- DEROTH, supervising architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at **9:00 A. M., Tuesday, July 21, 1914**, for **Building Steel, Wood Work and Moulds of Interior of Horticulture Building**, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the

sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surties thereon must be satisfactory in the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

EXHIBIT BUILDING—1 and 2 story, frame and plaster, \$50,000. San Francisco. Architect, George J. Oakeshott, Lackman Bldg., S. F. Owners, Australia. Bids opened for this work show William A. Newsom of San Francisco low at \$49,786. Twelve sets of figures were opened. Bids have been forwarded to Australia for consideration. A complete list of the bids appear under the heading of San Francisco in this issue.

CAMP OF 49—Frame construction, \$100,000. San Francisco. Architect, Capt. Lewis, 609 Nevada Bank Bldg., S. F. Owners, California 49 Camp Co. There will be a total of ten buildings in the group, all of log construction, and representing a typical mining camp of the Days of 49, with its saloons, general store, gambling hall, Chinese laundry, blacksmith shop, post office and other typical buildings. The work is now being done by Day Labor under the direction of Capt. Lewis.

EXHIBIT GROUP—Frame construction. Cost not stated. San Francisco. Architect, Piacentini, Rome, Italy. Owners, Italian Government. Designs prepared for Italy's display at the Panama-Pacific Exposition by Sig. Piacentini show a group of small buildings typical of a small Italian town, and will contain many of the most characteristic industries of the natives. Various Italian styles of architecture will be used. Plans will shortly arrive in this city for figures.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Harriet Jolliffe, 1840 Broadway. The building will be erected on the west side of Hyde street south of California, having a frontage of 25 feet and a depth of 66½ feet. There will be six suites of two and three rooms. Interior finish will be of pine with some elm panels and oak floors. All apartments will have wall beds and private bath rooms. Plans provide for a hot water system and portable vac-

uum cleaners. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owner who is now letting subcontracts.

APARTMENT HOUSE—3 story and base, frame and concrete, \$14,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, J. Eric Johansen. The building will be erected on the east side of Franklin street north of Sacramento, covering an area of 30 by 87 feet. There will be six suites of five rooms each. Interior will be finished in pine throughout except the entrance and social hall, which will be finished in blue gum with oak floors. There will be steam heat, a hot water system and vacuum cleaning. Bath rooms will have the wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE AND STORES—4 story and base. Class C construction. Cost not stated. San Francisco. Architect, Grace Jewett, 604 Montgomery street, S. F. Owner, Mrs. Bradbury. The building will be erected at the northwest corner of Polk and California streets, and has been designed for seven stories on the first floor besides the entrance to the apartment house. Upper floors will contain two and three room suites with private baths. Interior finish will be of pine throughout. There will be an automatic elevator, steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. All bath rooms will be finished in tile with composition floors. Plans are being prepared.

HOSPITAL REFRIGERATING PLANT—Cost not stated. San Francisco. Engineer, City Dept. of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. A bill ordering the construction of a refrigerating plant at the Isolation Hospital has been passed to print by the Board of Supervisors. Plans

will be prepared by the City Department of Engineering and bids will be called for by the Board of Public Works.

CIVIC CENTER PLAZA GRADING—Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for grading the Plaza in the Civic Center site show T. W. McClenahan Co. low at \$51,860. They will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

CITY JAIL AND MORGUE LIGHTING FIXTURES—Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for furnishing and installing lighting fixtures in the City Jail and Morgue show Roberts Mfg. Co. low at \$1,476. They will be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

POST OFFICE—1 and 2 story. Class A construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Working drawings for a new building to house the United States post office at the Ferry are now being completed. The building will adjoin the Ferry building on the south. Bids will shortly be called for on the pile foundation and grading. Interior will be finished in pine and hardwood. There will be special mail racks and holders, steam heat and modern plumbing. Exterior of the building will be faced with cut stone. Bids will be called for in about two weeks.

CAR BARN GRADING—Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for grading the site of the new Municipal Car Barns show Daniel O'Day low at \$34,850. He will be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, brick or reinforced concrete, \$45,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected on property recently purchased by Mrs. Musto at Vallejo and Divisadero streets, and will cover a large area. Plans provide for a building with twenty rooms and several baths with a basement garage. Interior of the dwelling will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be steam heat and open fireplaces. Tile and marble mantels will be used. Exterior will be covered with cement plaster or pressed brick. Baths will have tile wainscot and composition floors. An automatic water heater will be installed. Only preliminary plans have been prepared.

RESIDENCES—2, 1½ story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, W. Bahrs, 635 17th avenue, S. F. These dwellings will be erected on the west side of 19th avenue, south of Anza street, and will contain five rooms and baths. Interior

will be finished in pine with some hardwood. Exterior of the buildings will be covered with cement plaster on metal lath. Baths will have tile wainscot and composition floors. Brick or tile mantels will be used. An automatic water heater will be installed. There will be furnace heat and open fireplaces. Work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, Walter Voddien, 1015 Cole street, S. F. Owners, Thos. Voddien & Son. The dwelling will be erected on 18th avenue south of Lake street, and has been designed to contain seven rooms with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floors. An automatic water heater will be installed. The mantels are specified. Materials are now being purchased and work will be done by Day Labor.

RESIDENCE—1 story and base, frame, \$3,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue. Owners, Urban Realty Improvement Company. The building will be erected on Urbano Drive near Victoria street. Interior of the dwelling will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Baths will have tile wainscot and composition floors. Tile mantels will be used. Exterior of the building will be covered with shingles. Work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, E. E. Young, 251 Kearny street, S. F. Owner, Thos. Scoble. The dwelling will be erected on the east line of Jordan avenue south of Euclid, and has been designed to contain seven rooms with two baths. Interior will be finished in pine and redwood. An automatic water heater will be installed. Baths will have tile wainscot and composition floors. Brick or tile mantels will be used. Hardwood floors will be used in the principal rooms. Materials are now being purchased and the work will be done by Day Labor.

DAIRY, POULTRY AND CONGRESS BUILDINGS—Frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans have been completed and are now out for figures for constructing the dairy, poultry and congress buildings and for a feed barn and corrals for the live stock exhibit. Bids will be opened on July 20th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

MILL EXHIBIT BOOTH—Cost not stated. San Francisco. Architect, Edward G. Garden, Phelan Bldg., S. F. Owners, Sperry Flour Co. Figures are now being taken for a large exhibit to be erected by the Sperry Flour Co. in block 10 of the Food Products Palace at the Panama-Pacific International Exposition. The space is 62 feet 9 inches by 117 feet 3 inches, and will contain a complete mill plant, bake shop, grain testing laboratories, ten booths and special space to be devoted

to the demonstration of the best methods of preparing cereals. The work will cost in the neighborhood of \$25,000 exclusive of the mill machinery.

CHURCH—1 story and base, frame and plaster, \$35,000. San Francisco. Architects, Patch & Knoll, Hearst Bldg., S. F. Owners, Emanu El Evangelical Association. The building will be erected at the southwest corner of Capp and 19th streets, and will cover an area of 65 feet square. The design is in the Romanesque style and exterior will be covered with cement plaster on metal lath. Interior has been arranged for a large auditorium, Sunday school rooms, parlor, choir loft and pastor's study. Interior will be finished in oak and ornamental plaster. A central heating plant will be installed. Working drawings are being prepared and will be ready for figures in about three weeks.

PATHOLOGICAL WARD—2 story and base. Class A construction, \$75,000. San Francisco. Architects, Rigbetti & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. The building will adjoin the main group of the new City and County Hospital on Potrero street between 21st and 23rd streets, and will cover a ground area of 90 by 160 feet. There will be a complete steel frame, concrete floors and fireproof interior partitions. Interior finish will be of pine and hardwoods. Steam heat will be supplied from the central power station. Considerable special equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for by the Board of Public Works. Further mention will be made of the work.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a five-room house with bath, and will be erected on 16th avenue, north of California street. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Costello & Feerick, 93 College avenue, S. F. The dwelling has been designed for a five-room house with bath, and will be erected on 17th avenue north of Clement. Interior will be finished in pine with some elm panels and hardwood floors. There will be an open fire place and tile mantel. Bath room will have tile floor and wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, M. F. Nolan, 228 Noe street, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on 22nd avenue, north of Clement street. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath room will have tile wainscot and com-

position floor. An automatic water heater will be installed. Exterior of the house will be covered with rustle, cement plaster on metal lath and a klinker brick base. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

ROAD CONSTRUCTION—Cost not stated. San Francisco. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing a road into the Hetch Hetchy Dam site show the Utah Construction Co. low at \$151,499.50. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

STATE PIPE—Cost not stated. Belle Fourche Project, South Dakota. Engineer, United States Reclamation Service, Denver, Colo. Owners, United States Government. Bids will be opened on July 30th for furnishing the Reclamation Service with a quantity of wood stave pipe as follows: Approximately 1,750 feet of 60-inch, 8,560 feet of 32-inch and 2,406 feet of 24-inch. Full particulars can be secured from the Reclamation Service, Denver.

STORE ALTERATION—1 story, brick. Cost not stated. San Francisco. Architect, Charles C. Frye. 20 Montgomery street, S. F. Owners, Crocker Estate Co. The building adjoining the Crocker Bank Bldg. on the north side of Market street west of Montgomery will be altered for a candy store. New interior finish, store fixtures and plastering, electric work and plumbing will be required. Marble wainscot will also be used. Plans are complete and figures are now being taken.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of New York. An official proposal is published in another column of this issue calling for figures for completing the partly completed New York State Exhibit building on the Exposition Grounds. Bids are to be opened on July 17th at the building. Plans and specifications can be secured from the office of the New York State Panama-Pacific Commission at the New York State Building on the Exposition Grounds.

Contracts Awarded.

STATE EXHIBIT BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of Kansas. Official word has been received from the Kansas Panama-Pacific Commission to the effect that all bids from San Francisco contractors have been rejected and that the contract has been awarded to a Topeka man on the percentage basis. The name of the contractor is not given.

IRISH VILLAGE GROUP—1 story frame and plaster, \$150,000. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Irish Village Co., represented by Michael O'Sullivan. Contractors, Larsen-Sampson Co., Crocker Bldg., S. F. Contract price, \$150,000.

STATE EXHIBIT BUILDING—1 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, State of Utah. Contractors, Northwest Con. Co., Mills Bldg., S. F. Contract price not stated.

Bids For Australia Building At P.P.I.E

William A. Newsom Presented Lowest Figure. All Bids to be Forwarded To Australia.

Twelve sets of figures were opened in the office of Architect George J. Oakshot, representative of Australia at the Panama-Pacific International Exposition, for the construction of the exhibit palace to be erected by Australia. William A. Newsom presented the lowest figure at \$49,786. The result of the bids will be sent to Australia for final action. Following is a complete list of the bids as opened:

Australia Building.	
Wm. A. Newsom.....	\$49,786
Boyd, Kerr & McLean.....	52,391
Pringle, Dunn & Co.....	52,372
J. Monk.....	53,792
Dunnivant, Houghton & Van Sant.....	54,368
Foster, Vogt Co.....	55,887
Lange & Bergstrom.....	58,000
Charles Wright.....	61,446
Strehlow, Freese & Petersen.....	61,950
D. B. Farquharson.....	65,785
Barrett & Hilp.....	67,000
Commery, Peterson & Co.....	86,445

Bids Opened For Cuban Government Building.

H. C. Warwick Low Man and Will Probably Be Awarded The Contract Fourteen Bids Submitted.

Fourteen sets of figures were opened for the construction of the exhibit building to be erected by the Cuban Government at the Panama-Pacific International Exposition. H. C. Warwick was low at \$60,900 and will be awarded the contract. A complete list of the bids follows:

Construction of Cuban Building.	
H. C. Warwick.....	\$60,900
Monsen Bros.....	61,937
Foster-Vogt.....	62,487
Dunnivant - Houghton & Van Sant Co.....	63,269
Flemming-Sarsl.....	65,000
Pringle, Dunn & Co.....	67,887
Baker & Welch.....	68,540
Lange & Bergstrom.....	69,222
Val Franz & Fischer.....	70,977
W. A. Newsom.....	73,400
Strehlow, Freese & Petersen.....	76,250
J. Monk.....	78,484
L. A. Williams & Co.....	82,000
Murphy, Brooks Co.....	85,900

City Bids Opened.

Board of Public Works Receives Bids For Four Constructing Projects For City and County.

Bids were opened at the Wednesday afternoon session of the Board of Public Works for grading the site for the Municipal Car Barns, furnishing lighting fixtures for the City Jail and Morgue, Improvement of the Plaza, Civic Center site and for constructing a road into the Hetch-Hetchy Dam site. Following is a complete list of the figures as opened:

Grading Site For Car Barn.	
Church & Clark.....	\$58,400
T. W. McClenahan Co.....	37,500
Sibley Teaming Co.....	40,000
Mahoney Bros.....	40,000
Contra Costa Constr. Co.....	51,845
E. Malley.....	43,000
Sunset Constr. Co.....	46,995
R. H. Markley.....	43,000
Eaton & Smith.....	39,800
Owen McHugh.....	64,935
Daniel O'Day Co.....	34,850
Lighting Fixtures, City Jail and Morgue	
J. Guglielmo.....	\$2,250.00
Roberts Bros. Mfg. Co.....	1,476.00
L. Meyerberg.....	1,862.00
Ickelheimer Bros.....	1,965.75
Thomas Day Co.....	2,565.75
Constructing Road to Hetch-Hetchy Dam Site.	
Shattuck-Edinger Co. (1).....	\$275,995.00
Utah Constr. Co. (2).....	151,499.50
Mahoney Bros. (1).....	\$210,600
(2).....	189,300.00
Robert C. Storrie Co. (1).....	233,375.00
Improvement of Plaza, Civic Center.	
Contra Costa Constr. Co.....	\$62,440
T. W. McClenahan Co.....	54,860
C. L. Wold.....	58,900

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
2270	Sockolov	Seckolov	5300
2271	Sanroc	Sanroc	500
2272	Del Monte	Guisti	400
2273	Harder	Woolfrey	1800
2274	Good	Good	1600
2275	Garofalo	Garofalo	1000
2276	Hildebrand	DeMartini	550
2277	Saguillo	Saguilli	500
2278	Pantolon	Pantolon	500
2279	Pansler	Nimmo	400
2280	Klute	Mohler	2500
2281	Same	Same	2500
2282	Natl Supply	Van Sant	750
2283	Same	Same	750
2284	S F Labor Cncl. Kiernan	Same	5585
2285	Same	Klimm	3550
2286	Same	Tittle	1894
2287	Same	Zelinsky	1985
2288	Schloss	Savage	5000
2289	Runge	Leonard	1600
2290	De Martini.....	De Martini	2250
2291	Ryan	Propps	5000
2292	Pehrson	Pehrson	5000
2293	Osterloh	Lind	2370
2294	Norstrom	Norstrom	4000
2295	Mueller	Leigh	1900
2296	Levy	Halston	6320
2297	Burger	Burger	4440
2298	Outside Inn	Malloch	2000
2299	Bulotti	Cook	8000
2300	Olsen	Peterson	8000
2301	Beck	McMullin	1700
2302	Bolden	Diגרness	1625
2303	Westinghouse	Lindsay	4597
2304	Avis	Lynch	1125
2305	Wheelan	McLeod	3100
2306	Ferrieres	Roberts	1800
2307	Bonavia	Francisconi	5000
2308	Post	Strath	2500
2309	Arata	Salarno	3600
2310	Zellerbach	Amisler	710
2311	Vormann	Pacific Mills	15000
2312	Morton	Ruderman	3400
2313	Welsch	Welsch	400
2314	Pacific G & E Co.....	Price	350
2315	Dickman	Schroder	4200
2316	Parente	Sarraille	8000
2317	Van Schay	Philips	5000
2318	Egan	Dulfer	1575
2319	Delrieu	Delrieu	600
2320	Savoy Grill	Federal	400
2321	Carlson	Rowland	400
2322	Roche	Roche	450
2323	Looff	Looff	600
2324	Gillick	Bishop	400
2325	Levensky	Levensky	500
2326	Phillips	Phillips	500
2327	Meyer	Munster	9000
2328	Schneider	Falvey	18000
2329	Burke	Barrett	2247
2330	Barner	Page	1900
2331	Torreggino	Owner	4700
2332	Same	Same	4700
2333	Dohrman	Gillespie	1500
2334	Buckley	Cazzerato	1500
2335	Hern	Hern	3500
2336	Friedrichson	Guthehn	18400
2337	Moore	Burlingame	1900
2338	Same	Same	1900
2339	Hart	Roberts	9270
2340	Silverberg	Carson	9840

2341	Toma	Phillips	3385
2342	Tallant	Brockage	—
2343	Same	Snook	—
2344	Same	Graper	—
2345	Shibley	Sarrallie	4700
2346	Hagen	Hagen	1300
2347	Kruger	Sternen	1260
2348	Devenenzi	Cunco	2000
2349	Bahrs	Bahrs	2500
2350	Same	Same	2500
2351	Scoble	Scoble	5000
2352	Vodden	Vodden	4000
2353	Urban	Urban	3000
2354	Walthers	Houle	2000
2355	Halsted	Wilhelm	3492
2356	Mission Con Bldg.	Trobock	12320
2357	Molsio	Prasso	11000
2358	Trouillet	Brutcher	12550
2359	Miss'n Cons Bldg.	Brode	6680
2360	Same	Brady	58403
2361	Same	O'Mara	3985
2362	Same	Kiernan	10529
2363	Same	Marshall	2862
2364	Same	Otis	3475
2365	Same	Butte	3040
2366	Same	Geertz	1595
2367	Ritzgerald	Mowat	9486
2368	White	Carlson	—

(2270) W POWELL 91-3 N Post. Construct concrete foundation for 15-story hotel building.
Owner.....J Sockolov Monadnock Bldg., San Francisco.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Day's work. COST, \$5300

(2271) NO. 310 IRWIN. Repair roof and cement floor, etc., for factory.
Owner.....Sanroc Mfg. Co., Premises.
Architect...None.
Day's work. COST, \$500

(2272) NO. 450 BROADWAY. Construct brick oven for bakery.
Owner.....Angels Del Monte, 408 Broadway, San Francisco.
Architect...None.
Contractor...Guisti & Landucci, 932 Montgomery, S. F.
COST, \$400

(2273) SW ORAUT AND MAYNARD. One and one-half-story and basement frame dwelling.
Owner.....B. Harder, 2528 Mission, San Francisco.
Architect...None.
Contractor...J. B. Woolfrey, 3168 21st, San Francisco.
COST, \$1800

(2274) S MIGUEL 135 W Stanford Heights. One-story frame milk house and one-story frame barn.
Owner.....W. Good, Alms House Road San Francisco.
Architect...None.
Day's work. COST, \$1600

(2275) N HILL 205 E Sanchez. Two-story and basement frame dwlg.
Owner.....Philip Garofalo, 26 Elsie, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2276) NO. 314 THIRTIETH. Move and underpin dwelling.
Owner.....F. H. Hilderband, Prem.
Architect...None.
Contractor...Frank Demartini, 274 29th San Francisco.
COST, \$550

(2277) NO. 626 MALRID. One-story and basement frame dwelling.
Owner.....B. Sagullo, Premises.
Architect...None.
Day's work. COST, \$500

(2278) NO. 5480 S.N. BRUNO. Raise and make repairs.
Owner.....Pantolun Bros., Premises.
Architect...None.

Day's work. COST, \$500

(2279) NO. 498 PACIFIC. New floor and rat proof.
Owner.....J. Fausler, 162 Guerrero, San Francisco.
Architect...None.
Contractor...Geo. Nimmo, 634 Clay, San Francisco.
COST, \$400

(2280) E THIRTY-FIRST AVE 128 N Geary. Two-story and basement frame dwelling.
Owner.....W. Klute, 349 Clement, San Francisco.
Architect...None.
Contractor...T. E. Mohler, 255 8th Ave., San Francisco.
COST, \$250

(2281) E THIRTY-FIRST AVE 150 N Geary. Two-story and basement frame dwelling.
Owner.....Wm. Klute, 349 Clement, San Francisco.
Architect...None.
Contractor...T. E. Mohler, 255 8th Ave., San Francisco.
COST, \$2500

(2282) NW GOLDEN GATE & HYDE. One-story steel frame store.
Owner.....National Supply Station, 24th & Broadway, Oakland
Architect...None.
Contractor...Van Sant-Houghton, 503 Market, San Francisco.
COST, \$750

(2283) NE POLK AND FELL. One-story steel frame store.
Owner.....National Supply Stations, Inc., 24th & Broadway, Oakland.
Architect...None.
Contractor...Van Sant-Houghton Co., Market, San Francisco.
COST, \$750

(2284) NE SIXTEENTH AND CAPP N 90x6 150 M B 34. Heating and ventilating for four-story and basement Class "C" building.
Owner.....S. F. Labor Council.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Contractor...Kiernan & O'Brien, 1754 Mission, San Francisco.

Filed July 6, '14. Dated June 30, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5585
Bond, \$2793. Sureties, G. F. Bernard and Jas. H. Pinkerton. Limit, as fast as possible. Forfeit, \$20. Plans and specifications filed.

(2285) PLUMBING ON ABOVE.
Contractor...Frank J. Klimm, 221 Oak, San Francisco.
Filed July 6, '14. Dated Mar. 17, '14.
Payments same as above.....
TOTAL COST, \$3550

Bond, \$1775. Sureties, Jeremiah Donovan and David Lyons. Limit, as fast as possible. Forfeit, \$20. Plans and specifications filed.

(2286) ELECTRICAL WORK ON above.
Contractor...H. S. Tittle, 245 Minna, San Francisco.
Filed July 6, '14. Dated Mar. 17, '14.
Payments same as above.....
TOTAL COST, \$1894

Bond, \$947. Sureties, Wm. P. Scott and H. M. Van Pelt. Limit, as soon as possible.

sible. Forfeit, \$20. Plans and specifications filed.

(2287) PAINTING ON ABOVE.
Contractor...R. Zelinsky, 77 Clementina San Francisco.
Filed July 6, '14. Dated April 3, '14.
Payments same as above.....

TOTAL COST, \$1985
Bond, \$1000. Sureties, Wm. A. Newson and Gustave Schme. Limit, as fast as possible. Forfeit, \$20. Plans and specifications filed.

(2288) E SIXTEENTH AVE 153-6 S California S 30 E 69-9 SE 40 E 39 N 60 W 135. All work for two-story and basement frame flats.
Owner.....Ben Schloss, 42 Beale, S. F.
Architect...None.

Contractor...W. A. Savage, 1222 12th Ave., San Francisco.
Filed July 6, '14. Dated July 1, '14.
Rafters are on.....\$1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, \$5000
Bond, \$2500. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(2289) E FORTY-SIXTH AVE 125 S Lincoln Way S 25x6 120. All work for one-story and basement frame cottage.
Owner.....Constance I. Runge.
Designer...Peter M. Leonard.
Contractor...Peter M. Leonard, 1247 45th Ave., San Francisco.

Filed July 6, '14. Dated July 1, '14.
Rafters in place.....\$400
Rough plumbing in and brown coated 400
Completed 400
Usual 35 days..... 400
TOTAL COST, \$1600
Bond, \$800. Sureties, J. P. Leonard and Mary E. McHugh. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

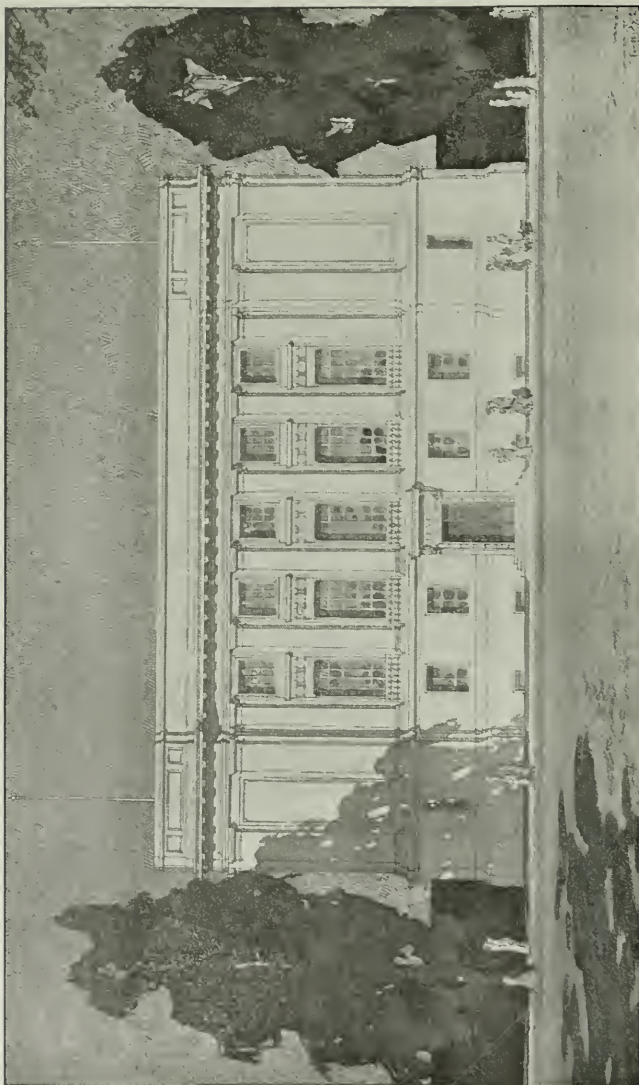
(2290) ST PACIFIC AND AUBURN E 25x8 68-9. All work except foundations, cement floors, plumbing, gas fixtures and shades for three-story and basement frame flats.
Owner.....Harry J. J. De Martini, 920 Broadway, San Francisco.
Architect...None.

Contractor...Paul De Martini, 2869 Octavia, San Francisco.
Filed July 6, '14. Dated June 30, '14.
Frame up and rafters on.....\$560
Brown coated 560
Completed and accepted..... 560
Usual 35 days..... 570
TOTAL COST, \$2250

Bond, none. Limit, 90 days after completion of foundations. Forfeit, none. Plans and specifications filed

(2291) S TREHAMA 125 W Fourth. Three-story and basement frame (3) flats.
Owner.....M. P. Ryan.
Architect...None.
Contractor...W. Propps, 1301 Gough, San Francisco.
COST, \$5009

(2292) N HIGHLAND AVE 113 W Holly Park Circle. Two-story and basement frame (4) flats.
Owner.....Gertrude I. Peherson.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work. COST, \$5009



NEW HOME FOR BERKELEY ELKS LODGE
Berkeley, Calif.

W. H. Ratcliff, Jr., Architect.
Berkeley



ILLINOIS STATE EXHIBIT BUILDING AT PANAMA-PACIFIC EXPOSITION

State Architect James B. Dibelka
Chicago, Ill.

(2293) NO. 1016 DUNCAN. Raise flat and add store under same.
Owner.....A. T. Osterloh, 1010 Diamond, San Francisco.
Architect...None.
Contractor...Oscar Lind, 4385 25th, S. F.
COST, \$2370

(2294) NW LONDON & GENEVA AVE Two-story and basement frame (2) flats.
Owner.....A. Norstrom, 26 Mullen Ave, San Francisco.
Architect...C. W. Carlson, 3809 26th, San Francisco.
Day's work. COST, \$4000

(2295) S GEARY 53-9 W 21st Ave. One-story frame store.
Owner.....Gustave Mueller, 143 21st Ave, San Francisco.
Architect...None.
Contractor...Leight & Schultz, 419 21st Ave., San Francisco.
COST, \$1900

(2296) W COMMONWEALTH AVE 93-6 S California. Two-story and basement frame residence.
Owner.....Marcus Levy, 3878 Clay, San Francisco.
Architect...None.
Contractor...F. F. Ralston, 132 Commonwealth Ave, S. F.
COST, \$6330

(2297) E FORTY-THIRD AVE 140 S Cabrillo. Two-story and basement frame dwelling.
Owner.....C. H. Burger, 43rd Ave and Fulton, San Francisco.
Architect...Coates & Trevor, Head Bldg., San Francisco.
Contractor...West Redwood Land Co., 43rd Ave and Fulton, S. F.
COST, \$4440

(2298) N LOMBARD 100 W Devisadero. Alter building into restaurant and cafe.
Owner.....The Outside Inn, Premises.
Architect...None.
Contractor...J. S. Malloch, 110 Jessie, San Francisco.
COST, \$2000

(2299) W STEINER 103 N Sacramento Three-story and basement frame (3) flats.
Owner.....John Bulotti, 2201 Steiner, San Francisco.
Architect...None.
Contractor...Richard Cook, 2150 Steiner, San Francisco.
COST, \$8000

(2300) E DOLORES 23 S 23rd. Two-story and basement frame (2) flats.
Owner.....J. J. Olsen, 233 Capp, S. F.
Architect...None.
Contractor...Antone Peterson, 844 Guerrero, San Francisco.
COST, \$8000

(2301) N MUNICH 100 E Naples. One-story and basement frame dwelling.
Owner.....Mrs. Mary Morton Beck.
Architect...Coates & Trevor, Head Bldg., San Francisco.
Contractor...McMullin-Von Voorhies Co., 561 Baker, S. F.
COST, \$1700

(2302) E DIAMOND 25-6 N 28th. One-story and basement frame dwelling.
Owner.....Francis Bolden, 1549 Diamond, San Francisco.
Architect...None.

Contractor...J. Digness, 648 28th, S. F.
COST, \$1625

(2303) E ILLINOIS 163 N Merrimac. One-story and basement frame work shop.
Owner.....Westinghouse Elec. & Mfg. Co., 1400 4th, S. F.
Engineer...Thos. Anderson, 1400 4th, San Francisco.
Contractor...Chas. M. Lindsay, 110 Jessie, San Francisco.
COST, \$4597

(2304) NO. 957 HAYES. Install direct heating system in apartments.
Owner.....C. E. Avis, Ross, Cal.
Architect...None.
Contractor...F. J. Lynch, 110 Jessie, San Francisco.
COST, \$1125

(2305) W TWENTY-FIRST AVE 66-4 N Ulloa. Two-story and basement frame dwelling.
Owner.....Peter J. Whelan, 1716 York, San Francisco.
Architect...None.
Contractor...Kenneth McLeod, 3611 22d, San Francisco.
COST, \$3100

(2306) N THERESA 186 E Alemany. One and one-half-story and basement frame dwelling.
Owner.....L. Ferrieres, 3289 Mission, San Francisco.
Architect...None.
Contractor...Roberts & Woolfrey, 1245 19th Ave., San Francisco.
COST, \$1800

(2307) S LOMBARD 149-5½ W Scott. Three-story and basement frame (2) flats and store.
Owner.....Francisco Bonavia, 2457 Lombard, San Francisco.
Architect...None.
Contractor...D. Francisconi, 151 Pixley S. F.
COST, \$5000

(2308) N FOURTEENTH 260 E Guerrero. One-story and basement frame dwelling.
Owner.....H. Yost.
Architect...None.
Contractor...E. C. Stroth, 477 14th, S. F.
COST, \$2500

(2309) N CLAY 80 W Mason. Two-story and basement frame (2) flats.
Owner.....Rose Arata.
Architect...None.
Contractor...J. Salanave, 931 Pacific, San Francisco.
COST, \$3600

(2310) N TURK 171-10½ E Taylor E 34-4½xN 137-6. Galvanized iron and tinning work for seven-story and basement building.
Owner.....Zellerbach-Levison Co.
Architect...None.
Contractor...Charles S. Amsler, 25 Shotwell, San Francisco.
Filed July 7, '14. Dated July 2, '14.

When skylights and vent shaft, roof work and leader in place. \$177.50
Main cornice and clothes chute in place 177.50
Completed and accepted..... 177.50
Usual 35 days..... 177.50
TOTAL COST, \$710.00

Bond, \$335. Sureties, L. A. Hinson and Margaret M. Amsler. Limit, 30 days from July 5. Forfeit, \$15. Plans and specifications filed.

(2311) NW BUSH AND MASON N 100

xW 65-9. Cast iron, structural steel work and erection, painting of same, for seven-story Class "C" steel frame apartment house.

Owner.....Henry A. Voorman (Gdn.), 110 Market, San Francisco.
Architect...R. G. McDougall, Sheldon Bldg., San Francisco.
Contractor...Pacific Milling Mill Co., Sharon Bldg., S. F.
Filed July 7, '14. Dated April 27, '14.

Installments of 75%
Usual 36 days..... Balance
TOTAL COST, \$15,000
Bond, \$7500. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, \$25. Specifications only filed.

(2312) NE POLK AND GEARY. Painting, varnishing, staining, etc., for Class "C" apartment building.
Owner.....Cora Wallace Morton, 120 Commonwealth Ave., by Chas. Wright, 25 Stockton, San Francisco.
Architect...C. H. Barrett, 381 Bush, San Francisco.
Contractor...I. Ruderman, 2763 Bush, San Francisco.

Filed July 7, '14. Dated July 3, '14.
Payments monthly of 75%
TOTAL COST, \$3400
Bond, forfeit, limit, none. Plans and specifications, none.

(2313) E TWENTY-SECOND AVE 200 N California N 25½E 120. All work for seven-room and basement frame residence.
Owner.....James Welsh, 244 20th Ave San Francisco.
Architect...None.

Contractor...James Welsh & Co.
Filed July 7, '14. Dated June 27, '14.
Frame up \$1150
Brown coated 1150
Accepted 1150
Usual 35 days..... 1150
TOTAL COST, \$4600
Bond, none. Limit, 90 days Forfeit, none. Plans and specifications, none.

(2314) S COMMERCIAL 60 E Montgomery E 49-9xS 59-6. Covering roof and installing 2 layers of Malthoid Dampcourse and Floatene for Station "J."

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Thos. H. Price Co., Monadnock Bldg., S. F.

Filed July 7, '14. Dated July 6, '14.
When Dampcourse and Floatene installed \$142.50
Completed and accepted..... 120.00
Usual 35 days..... 87.50
TOTAL COST, \$350.00

Bond, \$175. Surety, Illinois Surety Co. Limit, reasonable diligence. Forfeit, none. Plans and specifications filed.

(2315) EXPOSITION GROUNDS. All work for two frame buildings (2 shooting galleries).
Owner.....John T. Dickman.
Architect...Frederic Thompson.
Contractor...Schroder & McIntosh, 765 Folsom, San Francisco.

Filed July 7, '14. Dated June 29, '14.
Frames of both buildings up...\$1400
Both buildings accepted..... 1400
Usual 35 days..... 1400
TOTAL COST, \$1230

Bond, \$2100. Sureties, R. Read and Louis Schmidt. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(2318) N UNION 51-9 E Taylor E 25-9
XN 82-9. All work except shades,
light fixtures, mantels and finish
hardware for three-story and base-
ment frame flats.

Owner.....Joseph Parente, 592 Pacific
San Francisco.

Architect...Paul F. De Martini, 2119
Powell, S. F.

Contractor...A. Sarraille & S. Lago-
marsino, 2115 Powell, S. F.
Filed July 7, '14. Dated July 7, '14.

Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%

TOTAL COST, \$5000

Bond, \$4000. Sureties, N. Capurro and
D. De Martini. Limit, 90 days from
July 14. Forfeit, \$5. Plans and specifi-
cations filed.

(2317) LOTS 29 AND 30 BLK 11 Forest
Hill being corner of Iola & Marcella.
All work except mantels and electric
wiring (furnished by owner) for 2-
story and basement frame residence.

Owner.....F. C. Van Schaick, 638 Sacra-
mento, San Francisco.

Architect...Alexander A. Cantin, 68
Post, San Francisco.

Contractor...M. Holm & Son, 68 Post,
San Francisco.

Filed July 7, '14. Dated July 7, '14.

2nd floor joists in place.....\$1687.50
Ready for plastering..... 1687.50
Standing finish in place..... 1687.50
Completed and accepted..... 1687.50
Usual 35 days..... 2250.00

TOTAL COST, \$9000.00

Bond, \$4500. Sureties, Thos. E. Shumate
and Frank L. Malno. Limit, 95 days
from July 9. Forfeit, \$5. Plans and
specifications filed.

(2318) W TWELFTH AVE 100 S
Lincoln Way W 120x25. Alterations
and additions to frame building into
flats.

Owner.....Mary M. Egan, 1215 12th
Ave., San Francisco.

Architect...None.

Contractor...Walter F. Dufer, 519 15th
Ave., San Francisco.

Filed July 7, '14. Dated July 7, '14.

Rafters in place.....\$393.75
Brown coated 393.75
Completed and accepted..... 393.75
Usual 35 days..... 393.75

TOTAL COST, \$1575.00

Bond, \$800. Surety, Mary A. Dufer.
Limit, 35 days. Forfeit, none. Plans
and specifications filed.

(2319) NO. 1732 OAKDALE. Add six
room flat.

Owner.....Alfred Delrieu, Premises.

Architect...None.

Day's work. COST, \$600

(2320) NO. 53 TAYLOR. Electric sign

Owner.....Savoy Grill, Premises.

Architect...None.

Contractor...Federal Elec. Sign Co., 257
8th, San Francisco.

COST, \$400

(2321) NO. 1919 PALOU. Alter and
repair dwelling.

Owner.....Nellie Carlson, 4220 Folsom
San Francisco.

Architect...None.

Contractor...T. J. Rowland, 236 Rickard
San Francisco.

COST, \$400

(2322) NO. 1778 NINTH AVE. Alter
front and finish floor.

Owner.....J. W. Roche, Premises.

Architect...None.

Day's work. COST, \$450

(2323) E GREAT HIGHWAY 210 S
Cabrillo. Add to concession bldg.

Owner.....Chas. I. D. Loeff, Premises.

Architect...Wm. Loeff, Premises.

Day's work. COST, \$600

(2324) NO. 167 EUREKA. One-story
frame garage.

Owner.....E. J. Gillick, Premises.

Architect...None.

Contractor...R. Bishop, 81 Merritt, S. F.
COST, \$400

(2325) NO. 2304 SAN BRUNO. Rat
proof floor.

Owner.....P. Levensky, Premises.

Architect...None.

Day's work. COST, \$400

(2326) E ELSIE 75 N Eugenia. Con-
crete foundation and add 2 rooms.

Owner.....Thos. Phillips, 193 Elsie,
San Francisco.

Architect...None.

Day's work. COST, \$500

(2327) NO. 2160 GEARY. Alter, re-
pair and add to residence.

Owner.....F. W. Meyer.

Architect...None.

Contractor...Munster & Bornholdt, 1530
Broadway, S. F.
COST, \$2000

(2328) E VALENCIA 142-S N 22nd N
34-4 E 120 S 25-10 W 125-4 1/2 m or l
M B 65. All work for three-story
frame store and apartments.

Owner.....Geo. W. E. and Nicholas
W. Schneider, Grant Ave &
Sutter, San Francisco.

Architect...None.

Contractor...A. J. Falvey, 124 Clayton,
San Francisco.

Filed July 8, '14. Dated July 7, '14.

Payments monthly as work pro-
gresses of 75%
Usual 35 days..... 25%

TOTAL COST, \$18,000

Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(2329) NW CUVIER & BOSWORTH.
Two-story and basement frame
stores and (2) flats.

Owner.....Mrs. Jas. Burke, 110 Bos-
worth, San Francisco.

Architect...None.

Contractor...Barrett & Hulp, Sharon
Bldg., San Francisco.

COST, \$4000

(2330) W MISSION 129 N Sicksle. One
story and basement frame dwelling.

Owner.....Fred C. Barner, 5850 Mis-
sion, San Francisco.

Architect...None.

Contractor...C. W. Page, 12 Sadowa,
San Francisco.

COST, \$2347

(2331) E JASPER PLACE 93-1 1/2 N
Green. Three-story and basement
frame flats.

Owner.....F. Torriggino, 538 Green,
San Francisco.

Architect...L. Traverso, 854 Union,
San Francisco.

Day's work. COST, \$4500

(2332) E JASPER PLACE 115-4 1/2 N
Green. Three story and basement
frame (3) flats.

Owner.....F. Torriggino, 538 Green,
San Francisco.

Architect...L. Traverso, 854 Union
San Francisco.

Day's work. COST, \$1500

(2333) NO. 3673 JACKSON. Plaster
exterior of dwelling and garage and
minor changes.

Owner.....Mrs. A. B. C. Dohrman,
Premises.

Architect...None.

Contractor...G. G. Gillespie, 180 Jessie,
San Francisco.

COST, \$1935

(2334) NO. 1899 UNION. Alter, repair
and changes on store.

Owner.....Buckley & Co., Premises.

Architect...None.

Contractor...Cazzaretto & Co., 2503
Franklin, S. F.

COST, \$1500

(2335) N WALER 225 E Masonic. Two
story and basement frame (2) flats.

Owner.....C. Hern, 619 Sacramento,
San Francisco.

Architect...None.

Day's work. COST, \$3500

(2336) EXPOSITION SITE. All work
for Exhibition Hall and out buildings
for The German Kali Works.

Owner.....Paul Friedrichsen, 260
Hansford Bldg., S. F.

Architect...Bruno Moehring.

Contractor...Gutleben Bros., Mondanock
Bldg., San Francisco.

Filed July 8, '14. Dated July 7, '14.

Excavations and earth work,
grading & landscape work done.....\$2500

Roof trusses built..... 2500

Roof covered 2500

Plaster work completed..... 1500

Completed and accepted..... 2800

Usual 35 days..... 4603

After Exposition closes and after
removal of all structures and
filling excavations, etc..... 2000

TOTAL COST, \$15,403

Bond, \$18,400. Surety, Chicago Bonding
Co. Limit, 176 days. Forfeit, \$20.

Plans and specifications filed.

(2337) LOT 2 BLK "K" Mission Ter-
race. All work for one-story and
basement frame cottage.

Owner.....Geo. H. and Clarence M.
Moore and Geo. E. Burlin-
game.

Architect...None.

Contractor...Geo. H. and Clarence M.
Moore and Geo. E. Burlin-
game, Sharon Bldg., S. F.

Filed July 8, '14. Dated Feb. 27, '13.

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$1900

Bond, none. Limit, 190 days. Forfeit,
plans and specifications, none.

(2338) LOT 4 BLK "K." Mission Ter-
race. All work for one-story frame
cottage.

Owner.....Geo. H. and Clarence M.
Moore and Geo. E. Burlin-
game.

Architect...None.

Contractor...Geo. H. and Clarence M.
Moore and Geo. E. Burlin-
game, Sharon Bldg., S. F.

Filed July 8, '14. Dated Feb. 27, '13.

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$1900

Bond, none. Limit, 100 days. Forfeit,
plans and specifications, none.

(2339) E DOLORES 183 S 22nd S 36xE
117-6 H A 26. All work for three-

story and basement frame building
Owner.....Frank P. Hart.
Architect...M. J. Welsh, 22nd and
Mission, San Francisco.
Contractor...L. J. Roberts and J. B.
Woolfrey, 1245 19th Ave.,
San Francisco.

Filed July 8, '14. Dated July 2, '14.
Frame up\$1738
Brown coated 1738
White coated 1738
Completed 1738
Usual 35 days..... 2048

TOTAL COST, \$2970

Bond, \$4635. Surety, Massachusetts
Bonding & Insurance Co. Limit, 100
days after July 3. Forfeit, \$5. Plans
and specifications filed.

(2340) N CALIFORNIA 32 W Larkin
W 27-6X87. Excavation, concrete,
brick, carpenter, mill, stair, lath and
plaster, metal work, electric wiring,
plumbing, gas fitting, glazing, marble,
roofing, hardware, etc., for three
story and basement frame apartment
building.

Owner.....Jos. Silverberg.
Architect...Havens & Toepke, 46 Kearny,
San Francisco.

Contractor...Otto Carson & Co., 1461
Hyde, San Francisco.

Filed July 8, '14. Dated July 7, '14.
Frame up, building enclosed...\$1845
Rough plumbing in and brown
coated 1845
Standing finish on..... 1845
Completed and accepted..... 1845
Usual 35 days..... ?

TOTAL COST, \$9840

Bond, \$5000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 80
days. Forfeit, \$10. Plans and specifica-
tions filed.

(2341) W GRANT AVE 112-6 S Chest-
nut S 25xW 137-6 50 V 103. All work
for three-story and basement frame
flats.

Owner.....Guiseppe Toma and Attilio
Boschetti, 530 Green, S. F.
Architect...L. Traverso, 854 Union,
San Francisco.

Contractor...V. Filippis, 886 Union, S. F.
Filed July 8, '14. Dated July 7, '14.
Enclosed and roof on.....\$973.75
Brown coated 973.75
Completed and accepted..... 973.75
Usual 35 days..... 973.75

TOTAL COST, \$3895.00

Bond, \$1950. Surety, Pacific Coast Casu-
alty Co. Limit, 75 days from July 9.
Forfeit, none. Plans and specifications
filed.

(2342) N GEARY bet. Jones & Leaven-
worth. Carpentry work for repair of
Wellington Hotel building.

Owner.....Geo. P. Tallant.
Architect...G. A. Applegarth, Call
Bldg., San Francisco.

Contractor...Brockage, Foley & Green,
1326 Natoma, S. F.

Filed July 9, '14. Dated June 17, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
Contractor to receive a commission
of 10% of actual cost of labor and ma-
terial necessary to repair wood work,
accurate bill to be rendered each week.
Bond, limit, forfeit, none. Plans and
specifications, none.

(2343) PLUMBING ON ABOVE.
Contractor...Frederick Snook Co., 596
Clay, San Francisco.

Filed July 9, '14. Dated June 17, '14.
\$.975 each for H M and S W C tank
No. 338; \$.9.80 each for H M & S tank

No. D 2050 and self-closing faucets No.
B 2854.
Bond, limit, forfeit, none. Plans and
specifications none.

(2344) PAINTING ON ABOVE.
Contractor...Harry Graper, 50 Farrer,
San Francisco.

Filed July 9, '14. Dated June 18, '14.
Waxing hall doors, removing wax
from hall wood work, and painting 3
coats lead and oil and 4th coat egg
shell enamel, \$135 per story.

Bath rooms, 1 coat paint and 1 coat
enamel, \$.850 each; bed rooms, 1 coat
wax varnish, \$1.25 each; papering bed
room ceilings, \$.450 each; papering
walls of bed rooms, \$.800 per room.
Bond, limit, forfeit, plans and specifi-
cations, none.

(2345) NW CLARA 175 SW Rich SW
25xNW 75. All work except shades
and lighting fixtures for three-story
and basement frame flats.

Owner.....Sarah and Frank P.
Shibley, 1203 Sutter, S. F.
Architect...Paul F. De Martini, 2123
Powell, San Francisco.

Contractor...A. Sarraile & S. Lagomarin-
sino, 2115 Powell, S. F.

Filed July 9, '14. Dated July 8, '14.
Frame up and rafters on.....\$1675
Brown coated 1675
Completed and accepted..... 1675
Usual 35 days..... 1675

TOTAL COST, \$6700

Bond, \$3400. Surety, N. Capurro and D.
Vatterone. Limit, 90 days. Forfeit,
\$.5. Plans and specifications filed.

(2346) W EIGHTH AVE 66 S Moraga.
Two-story and basement frame dwlg.
Owner.....H. Hagen, 1599 8th Ave.,
San Francisco.

Architect...None.
Day's work..... COST, \$1300

(2347) NO. 1236 CHESTNUT. Add 1
story frame.

Owner.....Ellen Kruger, Premises.
Architect...None.
Contractor...S. J. Sterner, 125 4th Ave.,
San Francisco.

COST, \$1260

(2348) N SANTA ROSA AVE 90 E
Cook. One-story and basement frame
store.

Owner.....Louis Devencenzi, 148
Blake, San Francisco.

Architect...None.
Contractor...W. J. Cuneo, 686 Capp,
San Francisco.

COST, \$2000

(2349) W NINETEENTH AVE 150 S
Anza. One and one-half-story and
basement frame dwelling.

Owner.....W. Bahrs, 635 17th Ave.,
San Francisco.

Architect...None.

Day's work..... COST, \$2500

(2350) W NINETEENTH AVE 175 S
Anza. One and one-half-story and
basement frame dwelling.

Owner.....W. Bahrs, 635 17th Ave.,
San Francisco.

Architect...None.

Day's work..... COST, \$2500

(2351) E JORDAN AVE 366-S S Euclid
Two-story and basement frame dwlg.

Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work..... COST, \$5000

(2352) E EIGHTEENTH AVE 231-11 S
Lake. Two-story and basement
dwelling.

Owner.....Thos. Yodden & Son, 1915
Cole, San Francisco.

Architect...Walter Yodden, 1015 Cole,
San Francisco.

Day's work..... COST, \$4000

(2353) W URBANO DRIVE 255 S Vic-
toria. One-story and basement
frame dwelling.

Owner.....Urban Realty & Improve-
ment Co., 85 Cerritos Ave.,
San Francisco.

Architect...Joseph A. Leonard, 85 Cer-
ritus Ave., San Francisco.

Day's work..... COST, \$3900

(2354) LOT 35 BLK 13, Lakeview.
Carpenter, concrete, plastering, paint-
ing, plumbing, etc., for five-room
frame residence and moving two-
room house to rear of lot.

Owner.....Matthys Walther, 79 Mir-
amar Ave., San Francisco.

Architect...None.

Contractor...D. Houle, 660 Market,
San Francisco.

Filed July 10, '14. Dated July 7, '14.

Frame up\$500
Brown coated 500
Completed 500
Usual 35 days..... 500

TOTAL COST, \$2000

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2355) NE EIGHTEENTH AND MIS-
sion 47x100. All work for interior
and exterior of 1st story and base-
ment of three-story brick building
which work was to be exempted from
contract dated March 4, 1914, between
same parties and filed March 6, 1914.

Owner.....W. A. Halstead or Halsted,
1122 Sutter, San Francisco.

Architect...August Nordin, Mills Bldg.,
San Francisco.

Contractor...A. H. Wilhelm, 180 Jessie,
San Francisco.

Filed July 10, '14. Dated Mar. 6, '14.

One-half work completed.....\$1283
Completed and accepted..... 1349
Usual 35 days..... 850

TOTAL COST, \$3492

Bond, none. Limit, 25 days. Forfeit,
\$12. Plans and specifications, none.

(2356) S CLAY 123-10 W Polk W 68-5
m or l x S 127-8 1/4. All work for
garage building.

Owner.....Mission Consolidated Real-
ty Co.

Architect...J. R. Miller, Lick Bldg.,
San Francisco.

Contractor...B. A. Trobeck & Co., 1441
Larkin, San Francisco.

Filed July 10, '14. Dated July 6, '14.

As work progresses monthly pay-
ments of 75%
Usual 35 days..... 25%

TOTAL COST, \$13,230

Bond, \$6615. Surety, Aetna Accident &
Liability Co. Limit, 90 days. Forfeit,
\$6. Plans and specifications filed.

(2357) SW STEINER AND GREEN-
wich S 25xW 100. All work for three
story and basement frame store and
apartments.

Owner.....R. Molsio and G. Alessio,
1337 Grant Ave., S. F.

Architect...Chas. Fantoni, 916 Kearny
San Francisco.

Contractor...Pietro Prasso, 370 Lom-
bard, San Francisco.

Filed July 10, '14. Dated July 8, '14.

Enclosed and roofed.....\$2750

Brown coated 2750
Completed and accepted 2750
Usual 35 days 2750

TOTAL COST, \$11,000

Bond, \$5500. Surety, Pacific Coast Casualty Co. Limit, 30 days after July 14. Forfeit, \$5. Plans and specifications filed.

(2358) S SUTTER 75 W Larkin W 50 xS 120. Excavation, concrete, iron, steel, brick, carpenter, mill, tin, roofing, galvanized iron, glass, glazing, hardware, marble, mosaic, lath and plaster for one-story and basement brick store building.

Owner.....J. P. Trouillet, 1228 Sutter, San Francisco.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
Contractor..Brutcher & Serna, 110 Jessie, San Francisco.

Filed July 11, '14. Dated July 9, '14.
Brick work scaffold high in
1st story\$2812.50
Brown coated 2512.50
Completed and accepted..... 2812.50
Usual 35 days..... 2812.50

TOTAL COST, \$11,250.00

Bond, \$5625. Surety, National Surety Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(2359) SW HOWARD & SIXTEENTH W 175-6 S 90 E 75-6 N 2-6 E 100 N 87-6. Structural steel and iron work for four-story brick and steel Class "C" apartment house and store.

Owner.....Mission Consolidated Realty Company.

Architect...J. R. Miller, Lick Bldg., San Francisco.

Contractor..Brode Iron Works, 31 Hawthorne, San Francisco.

Filed July 11, '14. Dated July 7, '14.
As work progresses monthly
payments of 75%
Usual 35 days..... 25%
TOTAL COST, \$6680

Bond, \$3340. Surety, Massachusetts Bonding & Insurance Co. Limit, 40 days after delivery of detailed plans and specifications by architect. Forfeit, \$50. Plans and specifications filed.

(2360) CARPENTER, LUMBER, MILL, glazing, store fronts, flooring, composition floor, stairs, ornamental iron, galvanized iron, tin, flues, tiling, hardware, side walk lights, excavation, concrete, brick, roofing, lathing, plastering, marble and mosaic work on above.

Contractor..C. A. Brady, Menlo Park. San Mateo Co., Cal.

Filed July 11, '14. Dated June 26, '14.
Payments same as above.....
TOTAL COST, \$58,403

Bond, \$29,205. Surety, Chicago Bonding & Insurance Co. Limit, not to delay other work. Forfeit, \$50. Plans and specifications filed.

(2361) HEATING (2 PIPE HEATING system) on above.

Contractor..J. E. O'Mara, 449 Minna, San Francisco.

Filed July 11, '14. Dated July 1, '14.
Payments same as above.....
TOTAL COST, \$3985

Bond, \$2000. Surety, National Surety Co. Limit, as fast as possible. Forfeit, \$50. Plans and specifications filed

(2362) PLUMBING & GAS FITTING on above.

Contractor..Kiernan & O'Brien, 1754 Mission, San Francisco.

Filed July 11, '14. Dated June 27, '14.

Payments same as above.....

TOTAL COST, \$10,599

Bond, \$5390. Surety, National Surety Co. Limit, none. Forfeit, \$50. Plans and specifications filed.

(2363) WALL BEDS ON ABOVE.

Contractor..Marshall & Stearns, Pheasant Bldg., San Francisco.
Filed July 11, '14. Dated June 26, '14.

Payments same as above.....

TOTAL COST, \$2904

Bond, \$1452. Surety, Chicago Bonding & Surety Co. Limit, none. Forfeit, \$50. Plans and specifications filed.

(2364) ONE ELECTRIC PASSENGER elevator and one electric dumb waiter on above.

Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.

Filed July 11, '14. Dated May 27, '14.
On shipment of engine..... 1/2
Engine in position..... 1/2
Completed 1/2

TOTAL COST, \$2862

Bond, limit, forfeit, none. Plans and specifications filed.

(2365) ELECTRICAL WORK ON above.

Contractor..Butte Eng. & Elec. Co., 685 Howard, San Francisco.

Filed July 11, '14. Dated June 23, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3473

Bond, \$1740. Surety, National Surety Co. Limit, none. Forfeit, \$50. Plans and specifications filed.

(2366) PAINTING, ETC., ON ABOVE.

Contractor..Gervitz & Son.
Filed July 11, '14. Dated June 29, '14.

Payments same as above.....

TOTAL COST, \$3040

Bond, \$1520. Surety, Chicago Bonding & Surety Co. Limit, none. Forfeit, \$50. Plans and specifications filed.

(2367) S ELIZABETH 155 W Noe W 25xN 114. All work except painting and plumbing for alterations and additions to two-story frame flats.

Owner.....Cecelia Fitzgerald, 515 Elizabeth, San Francisco.

Architect...Owner.
Contractor..J. Mowat, 52 Webster, San Francisco.

Filed July 11, '14. Dated July 9, '14.
House raised and frame up...\$398.75
Brown coated 398.75
Completed and accepted..... 398.75

Usual 35 days..... 398.75

TOTAL COST, \$1595.00

Bond, none. Limit, Sept. 1, '14. Forfeit, none. Plans and specifications filed.

(2368) NW SUTTER AND PIERCE W 75xN 120. Grading, concrete, carpenter, mill, lath and plaster, patent flues, mantels, glazing, galvanized iron and tin work for two-story frame undertaking parlor and flats.

Owner.....S. A. White, 1214 Eddy, San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.

Contractor..N. A. Carlson, 936 Potrero Ave., San Francisco.

Filed July 11, '14. Dated June 22, '14.
Frame up and rough floor in...\$2371
Brown coated and 1st coat plaster on outside 2371

Completed and accepted..... 2371

Usual 35 days..... 2373

TOTAL COST, \$9486

Bond, \$5000. Surety, Globe Indemnity

Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

July 1, 1914—PTN LOT 65 Map Park View Tract No. 2, Oakland Tp. Louis H Tallman to C O BradfordJune 26, 1914

July 1, 1914—N FORTY-SEVENTH 372 E San Pablo Ave E 129-6xN 203. Okd. Martha Susan Bianchi to James F Cavallo.....June 30, 1914

July 1, 1914—N CENTRAL AVE 108 E 5th E 34xN 100, Ala. John M and Adelaide E O'Dea to Jos Lima.....June 30, 1914

July 1, 1914—E NINETEENTH AVE 175 S Wawona S 50xE 120. Carson Bldg Co, Inc to whom it may concern.....June 30, 1914

July 1, 1914—S JESSIE AND NEW Montgomery SW 263-4xSE 68. Macdonald & Kahn with Sharon Estate Co to Clinton Fireproofing.....June 30, 1914

July 1, 1914—NE PAGE AND GOUGH N 120xE 27-6. George F Bernard to James F Conlan.....July 1, 1914

July 1, 1914—E FIFTEENTH AVE 50 N California. Katharine E and Carrie W Bieley to O E Anderson.....June 27, 1914

July 1, 1914—S GREEN 167-6 E Jones Hiram W Johnson, Jr to Marcus Marcussen.....June 25, 1914

July 2, 1914—W FORTY-EIGHTH AVE 250 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland.....June 24, 1914

July 2, 1914—W FORTY-EIGHTH AVE 275 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland.....June 24, 1914

July 2, 1914—NW TWENTY-FIFTH and Hampshire N 76 E 100 S 76 W to beg. Protestant Episcopal Bishop of Cal. to Isaac Penny.....June 1, 1914

July 2, 1914—E NINETEENTH AVE 215 S Anza S 25x120. E J Spence and T Feerick to whom it may concern.....July 2, 1914

July 2, 1914—E NINETEENTH AVE 300 S Anza S 25x120. E J Spence & T Feerick to whom it may concernJuly 2, 1914

July 2, 1914—LOT 41 BLK 5 Crocker Amazon Tract, Nickolaus Dewes to Dewes & Evans.....July 1, 1914

July 2, 1914—W TWENTY-SECOND AVE 100 S California S 25xW 120. Arthur A and Clarence F Delfino to whom it may concern.....June 20, 1914

July 2, 1914—W 26.67 FEET LOT 28 Blk 18 and E 10 feet Lot 27 Blk 18, Forest Hill. Arthur Elvin and Ethel B Elvin to Arthur Elvin.....July 2, 1914

July 2, 1914—E TAYLOR 150 S Union S 25xE 68-9. Emilio Solari to Frank De Martini & Co.....July 1, 1914

July 2, 1914—W BRYANT 25 N 16TH N 25xW 89-3. Jochim Sass to John Casty.....July 2, 1914

July 2, 1914—S PACIFIC 62-6 W Buchanan S 127-8x4 W 6-3 S 37-8x4 W 34-4x N 37-8x4 E 7 1/2 in. N 127-8x4 E 40. Mrs A B S Knauer to Holm & Son and Petersen-James Co.....June 30, 1914

July 2, 1914—W FORTY-EIGHTH AVE 300 S Irving (1) S 25xW 120. Ida M Cambridge to Geo V McCausland.....June 24, 1914

July 3, 1914—N BUSH adj E Mills Bldg and having a frontage on

Bush of 65-9. Ogden Mills to Otis Elevator Co. July 2, 1914
 July 3, 1914—W THIRD 75 N Harrison N 25xW 80. Sylvain Levy to P J Fletcher. July 3, 1914
 July 3, 1914—W TWELFTH AVE 100 S Lawton S 25xW 120. Cornelia (wf Augustus G P) Lane to Callaghan Bros. June 26, 1914
 July 3, 1914—E PARKER AVE (Williamson) 475 N Geary N 25xW 120. V U Prah! to Lindberg Bros. June 19, 1914
 July 6, 1914—LOT 555 Gift Map No. 2 Maria Ohsen (wf Henry) Jo to whom it may concern. June 24, 1914
 July 6, 1914—E LOCUST 127-834 N Jackson E 33-4 to pt which is pt of beg E 33-4 N 91-14 m or l to S line of street 20 feet wide running E from Locust along Presidio Wall SW to pt 33-54 NE from E Locust S 88-22. Henry Walter Gibbons to Currie & Currie. July 6, 1914
 July 6, 1914—N SILVER AVE 400 W Congdon. Frank and Mrs Frank Junge to Philip W Montrouil. July 2, 1914
 July 6, 1914—LOTS 12 AND 13 BLK 6 Syndicates First Add'n. Jno A Pegnem to N F Nilsson. July 2, 1914
 July 6, 1914—E PARSONS 100 N Fulton E 100 NE 25 W 104 to E Parsons S 25. Ellen S or Ellen Sullivan Bannwarth to John Burns. July 1, 1914
 July 6, 1914—NW JACKSON & SCOTT N 127-84xW 137-6. Academy of the Sacred Heart to William Camp and Chas A Carrillon (Camp & Carrillon). July 2, 1914
 July 7, 1914—E FIFTH AVE 300 S Cabrillo. Annie E Hooper to B J Hooper. July 7, 1914
 July 7, 1914—E FIFTH AVE 325 N Cabrillo. Rose L Ciper to B J Hooper. June 30, 1914
 July 7, 1914—SE BENNINGTON AND East Ave E 25-14 S 100 W 20-44 N 100-04. M Elfrida Mellish and W Mellish to C G Anderson. July 12, 1914
 July 7, 1914—LOT 26 and S 1/2 Lot 25 Blk 9, Crocker Amazon Tract. Jas H or James Ricketts to Jas H or James H Ricketts. April 1, 1914
 July 7, 1914—E SEVENTEENTH AVE 200 S Anza S 25xW 120 Chester H Gillig to Leigh & Schultz. July 6, 1914
 July 7, 1914—N ELLIS 87-6 E Mason E 50xN 137-6. A O Stewart to Central Iron Works. July 3, 1914
 July 7, 1914—N BROADWAY 137-6 W Mason 27-6x137-6. Steve Lavesa and Frank Rossel to Frank De Martini & Co. Completed
 July 7, 1914—LOT 19 BLK "C" Columbia Heights. B L and Elsie White to T M Harrington. July 6, 1914
 July 7, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of Saint Ignatius College Cpn to P J Sullivan and E Nutting (as Spencer Street Planing Mill). June 30, 1914
 July 8, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-84. Katherine P Hooker to Gladding McBean Co. July 7, 1914
 July 8, 1914—NW CALIFORNIA AND Devisadero W 82-6x45. Mary G Dutton to L Huppely. July 7, 1914
 July 8, 1914—W FIFTH AVE 75 S Irving S 75xW 95. Minna E Eggert to W F Imhofer. July 7, 1914
 July 8, 1914—NW ARLINGTON 545 SW Roanoke SW 30xNW 75. Jones Add'n to Fairmont. Rosa Constant to Thos McCormick. July 7, 1914

July 9, 1914—NE FULTON AND Parker Ave E 175xN 275. President and Board of Trustees of Saint Ignatius College to General Eng Co National Surety Co. July 9, 1914
 July 9, 1914—LOT 2 BLK "K" Mission Terrace. G H or Geo I Moore, Clarence M Moore and Geo E Burlingame to Geo I and Clarence M Moore & Geo E Burlingame. July 6, 1914
 July 9, 1914—W TRINITY 68-9 N Sutter W 61-34xN 34-44. French American Bank of Savings to The McGilvray Stone Co. July 1, F G Bellefontaine and G Hudson (as National Lathing & Furring Co.). July 6, 1914
 July 9, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Chas A Tewart to Nell A McLean. July 9, 1914
 July 10, 1914—W TWENTY-SIXTH AVE 232 S California S 25xW 120. G D Harper to George F Cleese. July 9, 1914
 July 10, 1914—W FORTY-THIRD AV 125 S Lincoln Way S 25xW 120. C H Dallman to M M Finlayson. July 3, 1914
 July 10, 1914—W TWENTY-FIRST AVE 250 S Geary S 25xW 120. Elmer Drees to Leigh & Schultz. July 10, 1914
 July 10, 1914—W THIRTY-THIRD AVE 75 S Lincoln Way (H) S 25x W 90 Bernard E Tormey to whom it may concern. July 9, 1914
 July 10, 1914—N SACRAMENTO 160-5 E Jones E 22-11xN 120. Whitell Realty Co to Sarrallie & Lagoniarsino. July 6, 1914
 July 10, 1914—W TWENTY-THIRD AVE 100 N Judah (J) N 25xW 120. Henry Inskip to M Fauth. July 10, 1914
 July 10, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-34 SE 1-64 W 21-14 S 136. Albert L Ehrman to Harry G Graper. July 10, 1914

LIENS FILED.

San Francisco.

July 3, 1914—N TWENTY-FOURTH 25 E Vickburg E 25xN 75. C Carnevali Marble & Mosaic Co, \$90; Conrad Mollata, \$29.50 vs P H Pierce and Catherine Norton. July 6, 1914
 July 6, 1914—N SACRAMENTO 112-6 E Lyon E 25xN 127-84. Dave Jacobi vs W H Smith, C V & Victor J Baux. \$70
 July 7, 1914—NE O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. A J Granfield and J J Granfield (as Granfield & Co) vs Young & Swain Baking Co cpn and Burch & Hoffman Co. \$924.90
 July 8, 1914—W POINT LOBOS AVE (or Sunset Terrace) 6 SE Cliff House SW 30 SE 35 E 45 to W line Point Lobos Ave NW to beg. National Mill & Lumber Co vs Estate Adolph Sutro, deed and Gustav Stravon and W F Mellin. \$72.50
 July 8, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Robert W Beattie vs The Young & Swain Baking Co. \$245.50
 July 8, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. W P Fuller & Co vs Young & Swain Baking Co and Burch-Hoffman Co. \$427
 July 9, 1914—N O'FARRELL 80 W

Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Steiger Terra Cotta & Pottery Works vs Geo A Burch and Victor Hoffman (as Burch & Hoffman) and Young Swain Baking Co. \$21.05
 July 9, 1914—W TWENTY-FOURTH & Chattanooga W 78xN 25. D Modica vs J E Branscomb. \$383
 July 9, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Kortick Falls Mfg Co vs Young & Swain Baking Co Cpn. \$107.50
 July 10, 1914—NW ELLINGTON 80 NE Farragut NE 27-4 NE 103-6 SW 27-4 SE 103-6. Reinhardt Lumber & Planing Mill Co vs R G Baugh and Geo W Robie. \$90.87
 July 10, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Hartwood Lumber Co, \$250.36; White Bros, \$176.65; Brittann & Co, \$47.44; Woods & Huddart, \$112.21 vs Young & Swain Baking Co and Burch & Hoffman Co. \$1236
 July 10, 1914—N MISSION 343-44 W 7th W 31-74xN 165. T A McClenahan & Co vs Niel A McLean and Talbot Investment Co. \$1236

INCORPORATIONS.

Corst Cigar Co. Capital Stock, \$5000; subscribed, \$30; shares, \$10 each. Directors—G. Hines, L. Levy, A. M. Marks, 1 share each. Place of business, San Francisco.
 W. A. Sullivan Co. Capital Stock, \$20,000; subscribed, \$30; shares, \$10 each. Directors—W. A. Sullivan, N. A. Elsner, F. E. Curtis, 1 share each. Place of business, San Francisco.

NOTICES OF NON-RESPONSIBILITY.

July 8, 1914—HAIGHT NO. 1794. Ignatz Steinhart as to improvements on leased property.
 July 8, 1914—LOTS 21 AND 22 BLK 6 Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.
 July 8, 1914—LOT 37 BLK 4 Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.

OAKLAND AND ALAMEDA COUNTY.

FACTORY BOILER HOUSE—1 story, corrugated iron, \$7,500. Oakland, Cal. Architect, none. Owners, Pacific Gas and Electric Co., 13th and Clay streets, Oakland. The building will be erected at the corner of 1st and Market streets. Exterior will be covered with corrugated iron. A cement floor will be used. The cost does not include the installation of the boilers. Plans are complete and work will be done by Day Labor.
 DORMITORY—2 story and base, brick and concrete. Cost not stated. Decoto, Alameda Co., Cal. Architect, James H. Humphreys, 612 Wells-Fargo Bldg., S. F. Owners, California Masonic Home. The building will be erected on the grounds of the institution and has been designed to contain two large dormitories, dining hall and kitchen. Interior finish will be of pine throughout. There will be steam heat, oil burning plant, vacuum cleaning and hot water system. Exterior will be faced with pressed brick and cement plaster. Plans are nearly com-

(1705) N VIRGINIA AVE 2000 E High, Oakland. One-story 3-room dwlg.
Owner.....G. M. Grife, 3817 Brookdale Ave., Oakland.

Architect...None.
Contractor...R. Trimlett, 3136 High, Oakland. COST, \$1000

(1706) W DELAWARE 115 S Curran Ave., Oakland. Two-story 7-room dwelling.

Owner.....E. D. Hamilton, 3326 Champion, Oakland.
Architect...None.
Contractor...J. A. Pollard. COST, \$2500

(1707) SW FIFTIETH & LAWTON, Oakland. One-story 5-room dwlg.
Owner.....Chas. McArthur, 382 50th, Oakland.

Architect...None.
Day's work. COST, \$2000

(1710) N LAKE SHORE AVE, being ptn Lots 165 and 166 Map Piedmont-by-the-Lake, Oakland. All work for two-story and basement frame dwelling and garage.

Owner.....J. A. Munro, 1003 Clay, Okd
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor...Peterson & Anderson, 1201 19th, Oakland.

Filed July 6, '14. Dated July 3, '14.
Frame up, roof sheathed and brick chimney up\$2400
Brown coated 2400
Completed and accepted..... 240
Usual 35 days..... 2600
TOTAL COST, \$9800

Bond, \$4900. Surety, Chicago Bonding & Surety Co. Limit, 100 days. Forfeit, \$1. Plans and specifications filed.

(1722) COR. FIRST AND MARKET, Oakland. Corrugated iron boiler house.

Owner.....Pacific Gas & Electric Co., 13th and Clay, Oakland.
Architect...None.
Day's work. COST, \$7500

(1723) SE FOURTEENTH AND CLAY, Oakland. Alterations.

Owner.....Leimert & Havens, Prem.
Architect...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor...Bay City Cabinet Co., 1080 5th, Oakland. COST, \$1085

(1724) NO. 838 FLORIDA, Oakland. Alterations.

Owner.....A. W. McLemont, Premises.
Architect...None.
Contractor...J. Gilman, S. F. O. T. Railway Shops, Oakland. COST, \$...0

(1725) NO. 4135 THIRTY-NINTH AVE. Oakland. Alterations and repairs.

Owner.....Mrs. Helen Kern, Premises.
Architect...None.
Contractor...E. D. Bassett, 804 Fruitvale Ave., Oakland. COST, \$400

(1726) NO. 1626 CASTRO, Oakland. Alterations and repairs.

Owner.....Mrs. M. Hillyard, Premises
Architect...None.
Contractor...F. E. Allen, 468 34th, Okd. COST, \$450

(1727) N FORTY-SECOND 90 W Lusk th parallel with said street 30.03 N 38 W 30 th 28 to pt beg, Oakland. All work for one-story 4-room dwelling.

Owner.....M. P. Dolan, Oakland.

Architect...None.
Contractor...Oliver Legault, 3136 West, Oakland.

Filed July 8, '14. Dated July 10, '14.
Brown coated 1/2
Completed and accepted..... 1/2
Usual 35 days..... 1/2

TOTAL COST, \$900
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

(1728) LOT 1 LAKE SHORE EXT. Tract, Oakland. All work for two-story and basement frame dwelling.

Owner.....Wm. W. and Frances W. Shannon, 808 1st National Bank Bldg., Oakland.

Architect...None.
Contractor...Price Bros., 498 Alcatraz Ave., Oakland.

Filed July 8, '14. Dated July 7, '14.
Roof on 1/2
Plastered 1/2
Completed and accepted..... 1/2
Usual 35 days..... 1/2

TOTAL COST, \$4600
Bond, none. Limit, Oct. 1. Forfeit, none. Plans and specifications filed.

(1729) E WALSWORTH AVE 65 S Moss Ave., Oakland. Addition.

Owner.....Mrs. E. Broberg London, Premises.
Architect...None.

Contractor...A. R. Dobbie, 1450 13th Ave., Oakland. COST, \$450

(1730) SE FIFTEENTH & BROADWAY, Oakland. Alterations.

Owner.....W. V. Witcher, 812 Broadway, Oakland.

Architect...None.
Contractor...S. Kulchar & Co., 518 4th, Oakland. COST, \$650

(1731) NO. 719 SIXTH, Oakland. Alterations.

Owner.....Antonio Fernando, Prem.
Architect...None.
Contractor...Chas. Myat, 9122 Cherry, Oakland. COST, \$150

(1732) SW EIGHTY-FOURTH AVE & Holly, Oakland. One-story 6-room dwelling.

Owner.....Figueiredo & Cardoza, 2001 83rd Ave., Oakland.

Architect...None.
Contractor...J. S. Cardoza, 2011 83rd Ave., Oakland. COST, \$1800

(1733) NE EIGHTH AVE & E-20TH, Oakland. Alter dwelling into flats.

Owner.....Anna L. Miller, 678 19th, Oakland.

Architect...None.
Day's work. COST, \$1000

(1734) W BRIGHTON AVE 150 S Park Boulevard, Oakland. One-story 7-room dwelling.

Owner.....E. W. Woodard, 2645 13th Ave., Oakland.

Architect...None.
Day's work. COST, \$3000

(1735) E ADAMS 500 S Perkins, Oakland. Alterations and additions.

Owner.....Wm. G. Henshaw, Prem.
Architect...Walter J. Mathers, 927 Broadway, Oakland.

Contractor...Wm. Davis & Son, 461 E-28th, Oakland. COST, \$2943

(1737) S ALLEY 80 W 17th Ave., bet E-23rd and E-24th, Oakland. One-story 4-room dwelling.

Owner.....O. O. Rossland, 1010 San Carlos Ave., Oakland.

Architect...None.
Day's work. COST, \$1500

(1738) W WALLACE 550 N E-24th, Oakland. Two-story 6-room dwlg.

Owner.....Mrs. H. Nelson, 2534 14th Ave., Oakland.

Architect...None.
Day's work. COST, \$1800

(1739) NW FIFTY-SIXTH & CLAREmont Ave., Oakland. One-story store and dwelling.

Owner.....A. H. Brinckman, Cor. 17th and Sanchez, San Francisco
Architect...None.
Contractor...C. J. Pfrang, 5487 Claremont Ave., Oakland. COST, \$2500

(1740) N WALNUT 290 E Renwick, Oakland. One-story 5-room dwlg.

Owner.....R. E. Moore, 1540 Broadway, San Francisco.

Architect...None.
Day's work. COST, \$2200

(1741) NO. 643 FIFTY-FOURTH, Oakland. Alterations and additions.

Owner.....W. C. Wiester, Premises.
Architect...None.
Day's work. COST, \$700

(1742) LOT 6 BLK 5 Thousand Oaks, Oakland Tp. All work for two-story and basement six-room dwelling.

Owner.....Madeline Ophelia Kruse, Berkeley.

Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...Gustaf Johanson, 1811 Rose Berkeley.

Filed July 8, '14. Dated July 2, '14.
Frame up 1/2
Brown coated 1/2
Completed and accepted..... 1/2
Usual 35 days..... 1/2

TOTAL COST, \$3300
Bond, \$2700. Surety, Southwestern Surety Insurance Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1743) NE NINETEENTH & BROADway, Oakland. Brick supply station.

Owner.....National Supply Co.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgrift, 6th & Jackson, Oakland. COST, \$400

(1744) SW COLLEGE AVE AND Clifton, Oakland. Two-story 14-room apartment house with stores.

Owner.....A. J. Yerrick, Blake Block, Oakland.

Architect...None.
Day's work. COST, \$4900

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1690	Blackwell	Skaggs	2385
1691	Berkeley	Jones	1867
1692	Same	Same	3166
1693	Same	Same	2816
1694	Omen	Gutleben	400
1695	Same	Same	400
1696	Korber	Kollmer	400
1697	Park	Buskirk	9268
1709	Ala Blors	Wiley	7000
1710	Munro	Peterson	9800
1711	Day's	Frostholm	6940
1712	White	Peake	4000
1713	Wetmore	Kidder	3500

1714 Peake	Peake	2350
1715 Conservative Bldg. Owner	2000	
1716 Same	Same	2000
1717 Same	Same	200
1718 Same	Same	2000
1719 Deves	Franklin	2000
1720 S P Co.	S P Co	2000
1721 Tyson	Tyson	500
1736 Wolf	Scott	1500

(1690) S WHEELER 167 N Ashby Ave Berkeley. Two-story 12-room flats.
Owner.....E. S. Blackwell, 2923 Wheeler, Berkeley.
Architect...None.
Contractor..J. H. Skaggs, 569 32nd, Oakland. COST, \$2385

(1691) SE GROVE & ALSTON WAY, Berkeley. One-story 4-room school.
Owner.....Berkeley Board of Education.
Architect...None.
Contractor..Jones & McGovern, 2118 Los Angeles Ave, Bkly. COST, \$1867

(1692) W OXFORD 200 S Los Angeles Ave., Berkeley. Finish three-room and hall of school.
Owner.....Berkeley Board of Education.
Architect...None.
Contractor..Jones & McGovern, 2118 Los Angeles Ave, Bkly. OST, \$3466

(1693) N ROSE 100 W Sacramento, Berkeley. Finish 3-rooms and hall of school.
Owner.....Berkeley Board of Education.
Architect...None.
Contractor..Jones & McGovern, 2118 Los Angeles Ave, Bkly. COST, \$2846

(1694) SW SHATTUCK AVE & CHANNING WAY, Berkeley. Supply Station.
Owner.....Omen Oil Co, 604 Van Ness Ave, San Francisco.
Architect...None.
Contractor..Gutleben Bros, Monadnock Bldg., San Francisco. COST, \$400

(1695) GORE GROVE & ADELINE, Berkeley. Supply station.
Owner.....Omen Oil Co, 604 Van Ness Ave, San Francisco.
Architect...None.
Contractor..Gutleben Bros, Monadnock Bldg., San Francisco. COST, \$400

(1696) S ASHBY 103 W College Ave., Berkeley. One-story wood hins.
Owner.....F. C. Koerber, 2645 Ashby Ave, Berkeley.
Architect...None.
Contractor..Jacob Kollmer, 2753 Piedmont Ave, Oakland. COST, \$400

(1697) PTN LOTS 2 AND 3 BLK 7, Claremont, Berkeley. All work for two-story, basement and attic 9-room frame dwelling.
Owner.....J. M. Park, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor..J. W. Buskirk, 2432 Hilgard Ave, Berkeley.
Filed July 6, '14. Dated June 25, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$9268
Bond, \$4634. Sureties, J. J. Cairns and H. B. Green. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1708) N BURNETT 150 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner.....E. Sullivan, 661 9th, Okd.
Architect...None.
Contractor..F. T. Malley, 3001 Grove, Oakland. COST, \$2000

(1709) NW PARKER AND ETNA, Berkeley. Two-story 10-room dwlg.
Owner.....Alameda County Home Bldrs, Inc., 1st National Bk Bldg., Berkeley.
Architect...W. H. Ratcliff, 1st Nat'l Bank Bldg., Berkeley.
Contractor..J. M. Wiley, 1718 Hearst Ave., Berkeley. COST, \$7000

(1711) SE CLAREMONT AVE AND Brookside Ave, Berkeley. All work for two-story and basement brick veneer dwelling and garage.
Owner.....E. B. Davis, Oakland.
Architect...Sidney R. Newsom and F. C. Cobbleidick, Nevada Bk. Bldg., San Francisco.
Contractor..H. M. Frostholt, 6457 Colby, Oakland.
Filed July 7, '14. Dated July 6, '14.
Frame up 1/4
Rough plastered 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$6940
Bond, \$3470. Surety, Maryland Casualty Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(1712) N STUART 147 E College Ave., Berkeley. Two-story 8-room dwlg.
Owner.....Mabel R. White.
Architect...None.
Contractor..F. R. Peake Co., 2127 University Ave., Berkeley. COST, \$4000

(1713) W SHATTUCK AVE 41.50 N Blake, Berkeley. One-story Class "C" reinforced concrete warehouse.
Owner.....Dr. Francis M. Wetmore.
Architect...None.
Contractor..Kidder & McCullough, 2255 Addison, Berkeley. COST, \$3500

(1714) W COLUSA AVE 80 S Joseph, Berkeley. One-story 5-room dwlg.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$2350

(1715) W CURTIS 85-6 S Rose, Berkeley. One-story 5-room dwelling.
Owner.....Conservative Bldg & Investment Co., Phelan Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000

(1716) S ROSE 66-11 W Curtis, Berkeley. One-story 5-room dwelling.
Owner.....Conservative Bldg. & Investment Co., Phelan Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000

(1717) S ROSE 33-6 W Curtis, Berkeley. One-story 5-room dwelling.
Owner.....Conservative Bldg. & Investment Co., Phelan Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000

(1718) SW ROSE AND CURTIS, Berkeley. One-story 5-room dwelling.

Owner.....Conservative Bldg & Investment Co., Phelan Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000
(1719) S BANCROFT 100 E Milvia, Berkeley. Alterations.
Owner.....Joseph Deves, 2008 Bancroft Way, Berkeley.
Architect...None.
Contractor..John Franklin, 2324 Roosevelt Ave., Berkeley. COST, \$2000

(1720) E THIRD 200 S Delaware, Berkeley. Addition.
Owner.....Southern Pacific Co.
Architect...None.
Day's work. COST, \$2000

(1721) NO. 2319 HILGARD AVE, Berkeley. Alterations and repairs.
Owner.....M. Tyson.
Architect...None.
Day's work. COST, \$500

(1726) S PRINCE 262-6 E California, Berkeley. One and one-half-story 4-room dwelling.
Owner.....Chas. Wolf, 1616 Prince, Berkeley.
Architect...None.
Contractor..G. H. Scott, 685 23rd, Okd. COST, \$1500

COMPLETION NOTICES.

ALAMEDA COUNTY.

July 1, 1914—SW TWENTY-SECOND and Grove \$3.13x129.38, Okd. San Francisco Oakland Terminal Railways to Baccus & Kennedy..... June 30, 1914
July 2, 1914—LOT 4 BLK 6 Map Haddon Road, Okd. Jeannette A Jordan to Jos Flittner..... June 30, 1914
July 1, 1914—LOT 15 BLK "Y" Regents Park Tract No. 1, Bkly. E. L. Hiteman to whom it may concern..... June 29, 1914
July 1, 1914—LOT 17 BLK 5 Brookdale Terrace, Okd. L W Anderson to whom it may concern..... June 23, 1914
July 6, 1914—LOT 26 BLK "D" Geo W Austin's Vernon Park Tract, Glendale Ave. Okd. Caroline E Briggs to A R Dexter..... July 6, 1914
July 3, 1914—NW TWELFTH and Grove 112x50, Okd. The Bruguiere Co to Anthony & Heyer..... June 26, 1914
July 3, 1914—LOT 24 BLK 1331 Beauty & Paladeau Tract being No. 3362 Marshall, Okd. Mrs Pauline De Luchi to Jos Flittner..... June 15, '14
July 7, 1914—NW VARFIELD AVE 40 SW Cottage, being SW 10 Lot 60 and NE 30 Lot 59 Map Piedmont-by-the-Lake, Okd. J F McMath to whom it may concern..... June 26, 1914
July 7, 1914—SW SANTA CLARA & Park Aves W 27-6xS 60, Alameda. Tucker Investment Co to H C Andresen..... July 3, 1914
July 8, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. W Bliss to Geo M White..... July 6, 1914
July 9, 1914—LOT 31 BLK 3 Northbrae, Bkly. Albert Houston to Patrick-Nelson Bldg Co. July 9, 1914
July 10, 1914—4 MILES FROM TP. OF Pleasanton. J Witt Dougherty to Standard Elec Con Co..... June 30, 1914
July 10, 1914—SE ADDISON & ACTON E 40xS 115, Bkly. F N Strang to whom it may concern..... July 8, 1914

LIENS FILED.

ALAMEDA COUNTY.

July 1, 1914—LOT 27-B 22 Map North
Cragmont Tract, Oakland Tp. L
E Wilber vs Frank A and Dorothy
M Brown and Patrick Nelson Bldg
Co\$100

July 1, 1914—NW SOUTH COURT
being ptn Lots 82 and 83 Map
Pleasant Valley Court, Okd. Edna
Louise Carey (wf James A)....\$4500

July 3, 1914—NE JONES & THIRD
N 100x E 172, Bkly. Augustine
Hullade (wf Auguste).....\$5000

July 3, 1914—LOT 55 AND S 16 LOT
54 Map Joma Vista Tract, Okd.
Edward A Goodfellow.....\$400

July 3, 1914—LOT 37 Map Santa Fe
Tract No. 16, Okd. Eva J Ericson
(wf Joe Edwin).....\$5000

July 3, 1914—TELEGRAPH AVE NOS
3917, 3919 3923, Okd. Luke Dempsey
vs W H McKinnon and W A Will-
iams\$45

July 6, 1914—LOTS 57 AND 58 BLK 2
Map Briggs Tract, Okd. John
Souza\$1500

July 7, 1914—N FAIRVIEW 40 W
Kling W 40xN 105, Bkly. Ida Ek-
storm (wf Chas A).....\$3500

July 7, 1914—Rosa Lee Tract No. 2, Okd
J B Henderson.....\$4000

SAN JOSE AND THE SANTA
CLARA VALLEY.

SCHOOL—1 story, frame. Cost not
stated. Collins School District, Santa
Clara Co., Cal. Architect, none. Own-
ers, Collins School District. The build-
ing will be erected at the intersection
of the Saratoga and Mountain View
Roads, and will contain one room.
Plans are complete and in the hands of
the Clerk of the Collins School District,
C. O. Brooks, who may be addressed,
Saratoga and Mountain View Roads,
Santa Clara County. Bids are now be-
ing taken and will be opened on July
16th.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

NW FIRST AND HUMBOLDT, San
Jose. Two-story addition and re-
model Pratt Home.
Owner.....Trustees Pratt Home,
Premises.
Architect...C. S. McKenzie, San Jose
Bank Bldg., San Jose.
Contractor, J. H. Miller, 1041 S-2nd,
San Jose.

COST, \$7692

NO. 373 SAN CARLOS ST., San Jose.
Two-room addition.
Owner.....J. Karev, Premises,
Architect...None.
Day's work. COST, \$400

NOS 108 AND 110 S-FIRST ST., San
Jose. Remodel front.
Owner.....J. E. Auze-raiz, Auze-raiz
Rdgs., San Jose.
Architect...None.
Contractor, S. Shottenhamer Bros., 143
S-16th St., San Jose.

COST, \$500

NO. 437 N-NINTH ST., San Jose. Three
room cottage.
Owner.....G. Masonich, Premises.
Architect...None.
Day's work. COST, \$430

NW HOME AND NAGLE STS., San Jose
Addition on front of residence.
Owner.....Luies Boletto, Premises.
Architect...None.
Day's work. COST, \$400

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
June 15, 1914—LOT 12 BLK 1 Acacia
Park, San Jose. T R Minl to whom
it may concern.....June 15, 1914

June 19, 1914—LOT 191 BLK 17,
Coak and Brannon Add'n to City of
San Jose. F O Nelson to whom it
may concern.....May 29, 1914

June 23, 1914—LOT 15 BLK 29, Naglee
Park Tract, San Jose. J W Harren-
stein to C F Keesling. June 23, 1914

June 24, 1914—NEXT TO EASTERLY
terminus of Jackson St., San Jose.
City of San Jose to Z O Field.....
June 15, 1914

June 27, 1914—LOT 9 BLK 2, Shotten-
hamer Tract, San Jose. P Mullaly
to whom it may concern. June 26, '14

June 27, 1914—ON W LUMBER ST.,
adjoining the Kerr Bldg, Saratoga
Saratoga State Bank to J Rodoni
.....June 17, 1914

June 27, 1914—N SIXTEENTH ST.,
bet Washington and Empire, San
Jose. H O Bentell to whom it may
concern.....June 26, 1914

July 6, 1914—COR. JEFFERSON &
Fremont Sts., Santa Clara. C K
Greenleaf to whom it may con-
cern.....June 30, 1914

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
July 3, 1914—LOT 21 BLK 27, Lyon &
Hoag Tract Sub to Burlingame.
Gustave A Momborg to Thompson
& Doyal.....June 27, 1914

July 3, 1914—LOTS 35 AND 36 BLK
15, 5th Add'n to San Bruno. G H
Erickson to whom it may concern
.....July 2, 1914

July 8, 1914—LOTS 13 AND 14 BLK
24, Easton Add'n to Burlingame No.
2. Charles H and Addie McVey to
The W C Barrick Bldg Co. July 1, 1914

July 9, 1914—LOT 50 SUB NO. 1 of
San Mateo Park. C and Marie
Walther to E Inagelli. June 30, 1914

July 9, 1914—NORTHERLY HALF
of the Southerly Half Lots 7 and 8
Blk 13, Crocker Estate Tract Sub
No. 1. P R Dickie to J S Rockwell
.....June 27, 1914

BUILDING CONTRACTS.

SAN MATEO COUNTY.

LOT 5 BLK 33 Easton Add'n to Bur-
lingame No. 3. All work for one-
story and basement dwelling.
Owner.....John H. Clendenning, 121
Broderick, San Francisco.
Architect...None.
Contractor, Wm. F. Dreyer, 326 Lon-
don St., San Francisco.
Filed July 2, '14. Dated June 23, '14.

Frame up\$700
Brown coated700
Completed700
Usual 35 days.....700

TOTAL COST, \$2800

Bond, \$1400. Surety, American Surety
Co. of New York. Limit, 60 days. For-
feit, none. Plans and specifications
filed.

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOU
June 27, 1914—LOT 15 BLK 16, Dal-
City. Otto Brooks vs J C Stroms
wold and M Berman.....
July 3, 1914—WOODSIDE, Portion o
Mountain Home Rancho. Acn
White Lead & Color Wks, \$288.39
D W Turner, \$271.40 vs Jefferson
Graves, W and J Sloane Co and I
H Patterson

MARIN, CONTRA COSTA AND
SONOMA COUNTIES.

SILOS AND FEED ROOM, STA
HOSPITAL—Concrete constructi
Cost not stated. Napa, Napa Co., C
Architect, State Architect George
McDougall, Sacramento. Owners, Sta
of California. Bids opened on July 1
for this work show Harvey A. Kly
of San Francisco low at \$3,537. He w
be awarded the work. A complete l
of the figures received will be fou
under the heading of Marin, Contr
Costa and Sonoma Counties in th
issue.

STREET PAVING—Cost not stat
Richmond, Contra Costa Co., Cal. E
ngineer, City Engineer, Richmond. Ow
ers, City of Richmond. Paving
Main, Sotto, Esmond and Castro stre
has been ordered at once. Bids will
called for shortly. The work is to
done with asphalt macadam.

BRIDGE WORK—Cost not stat
San Rafael, Marin Co., Cal. Engin
County Surveyor, San Rafael. Owne
Marin County. At the last meeting
the Board of Supervisors plans for
bridge at San Geronimo, near the R
property, were approved and bid
ordered advertised. The matter
building about 4,000 feet of ro
through the Smith ranch to Poi
Reyes Station was also considered, b
put over until the next meeting of
Board. This has been estimated
cost, \$2,500 to \$3,000.

HARBOR WORK, Channel Dredg
\$6,000. Richmond, Contra Costa C
Cal. Engineer, City Engineer Pos
Richmond. Owners, City of Richmor
Plans prepared by City Engineer Pos
for dredging a 100-foot channel in t
inner harbor were adopted at the la
meeting of the City Council. Bids w
be called for at once. This contra
will include dredging about 70,0
cubic yards of material, and will co
in the neighborhood of \$6,000.

STREET PAVING—Cost not state
Concord, Contra Costa Co., Cal. Eng
neer, City Engineer, Concord. Ow
ers, Town of Concord. At the la
meeting of the Council bids were call
for on paving three blocks at M
Diablo street. Bids will be opened
July 15th. At the meeting on July 15
bids will probably be called for o
paving for Concord avenue.

STREET PAVING—Cost not state
Santa Rosa, Sonoma Co., Cal. Eng
neer, City Engineer, Santa Rosa. Ow
ers, City of Santa Rosa. The Ci
Council has adopted resolutions an
bids will be called for shortly for a
pavement on Santa Rosa avenue
from the Main street bridge to the ci
limits, and for concrete curbs and
gutters on Healdsburg avenue, fro
10th to Lincoln, and on 10th from Me
docino avenue to the Northwest Pacifi
tracks.

BUILDING CONTRACTS.

MARIN COUNTY.

TIBURON. All work including hardware, glazing, painting, etc., for one story frame building.
Owner.....F. W. Ehrke, Tiburon.
Architect...None.

Contractor...J. M. Ploeger Co.

Filed July 7, '14. Dated June 12, '14.

Frame up\$480

Panel boards on..... 480

When completed 500

TOTAL COST, \$1460

Bond, none. Limit, 60 working days.

Forfeited, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **ACCEPTED**

July 2, 1914—BELVEDERE, Marin

Co., Belvedere Land Co. to Geo M

WhiteJune 30, 1914

July 3, 1914—YOLANDA COURT, San

Anselmo, J R and Mary J Welch

to whom it may concern, June 25, 1914

RELEASE OF LIENS.

MARIN COUNTY.

RECORDED **AMOUNT**

July 8, 1914—BUSH TRACT, San An-

selmo. Hanson & Gordon Lumber

Co., \$516.52; Frank Paolinelli, \$170;

N Caletti & Co., \$37.72; C Weber,

\$100; Raymond E Bowley, \$24.60;

E Castagnino, \$100 to Robert Dodds

and Francis W Huller.....

LIENS FILED.

MARIN COUNTY.

RECORDED **AMOUNT**

July 9, 1914—BUSH TRACT, San An-

selmo. Acme Lumber Co (corp) vs

Balthaser Kessler, Paul Cuneo and

Mary Roe Cuneo.....\$256.50

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**

July 7, 1914—SEC. 23 AND 34 T 1 N

R 2 E Sec's 19, 20, 21, 22, 33 T 1 N

R 3 E M D B & M. East Contra

Costa Irrigation Co to Standard

Fence Co.....July 3, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

POST OFFICE REPAIRS AND PAINTING—Cost not stated. Fresno, Fresno Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids are now being taken by the Postmaster at Fresno for repairs and painting. Full particulars can be secured from the Postmaster.

SCHOOL—1 story, frame. Cost not stated. Taft, Kern Co., Cal. Architect, J. M. Saffell, Bakersfield. Owners, Canby School District. The building will contain two rooms. Interior will be finished in pine throughout. Composition blackboards are specified. Exterior will be covered with cement plaster. Plans are complete and figures

have been taken. An award of contract will be made shortly.

Contracts Awarded.

THEATRE AND STORES—4 story and base. Class A construction, \$81,800. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, T. C. White, Fresno. Contractors, Trewitt & Shields, Fresno. Contract price, \$81,800. Note: This does not include opera chairs and stage equipment.

SCHOOL REPAIRS AND PLUMBING—Cost not stated. Bishop, Inyo Co., Cal. Architect's name not given. Owners, Bishop School District. Contractors, C. M. Dixon, Bishop, repairs, \$3,501.75. Munzinger & Gibson, Bishop, plumbing, \$2,448.

BUILDING CONTRACTS.

FRESNO COUNTY.

REAR 50 FEET LOTS 1 TO 4 BLK 44.

Fowler. All work for brick and concrete store.

Owner.....W. L. Giffen, Fowler.

Architect...None.

Contractor, Benson & Johnson, Fowler

Filed July 8, '14. Dated June 19, '14.

Concrete work done.....\$1000.00

Ready for plaster..... 1000.00

When completed 882.25

Usual 35 days..... 960.75

TOTAL COST, \$3843.00

Bond, \$2000. Sureties, G. A. Nelson and

A. T. Carlson. Limit, 50 working days.

Forfeited, none. Plans and specifications

filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Reinforced concrete, \$60,000. Yuba City, Sutter Co., Cal. Engineer, Erie L. Cope, Yuba City. Owners, Sutter County. The Supervisors of Sutter County at their last meeting voted to extend the date of opening bids for constructing the big reinforced concrete trestle until July 20th, and all bids were returned without being opened. The trestle will replace the old Long Bridge over Butte Slough and will be 1,900 feet long, estimated to cost \$60,000. Four sets of bids were received. These were from D. E. Farquharson, S. F.; Dunnivant-Houghton-Van Sant Co., S. F.; M. Fisher, S. F.; and Ross Construction Co., Sacramento.

BRIDGE—Steel and concrete. Cost not stated. Wheatland, Placer Co., Cal. Engineer, County Surveyor, Auburn. Owners, Placer County. Placer County has at last gone on record as willing to hear the cost of constructing the bridge over the Bear River at Wheatland, and construction will be started as soon as plans and specifications can be secured. This work has been delaying the completion of the State Highway between Marysville and Sacramento. Plans are being prepared.

SCHOOL—2 story and base, frame and plaster, \$22,000. Folsom, Sacramento Co., Cal. Architects, Campbell & Selson, 1005 K street, Sacramento. Owners, Folsom School District. The building has been designed to contain four class rooms and an assembly hall. Interior will be finished in pine throughout. There will be maple floors in the class rooms. Composition blackboards will be used. A central heating system, probably warm air, will be installed. Exterior of the building will be covered with cement plaster on

metal lath. Plans are nearly complete and figures will be called for shortly.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 10th for constructing state highways in the following counties: Mendocino, 2.75 miles; Humboldt, 13.8 miles; Santa Clara, 1.9; Santa Clara, 6.3 miles; Contra Costa, 3.6 miles; Humboldt, 5 miles; Santa Barbara, 9.3 miles; Orange, 9.4 miles and Imperial, 6 miles. Plans and complete information can be secured from the State Highway Commission.

POWER LINE CONSTRUCTION—Cost not stated. Westville, Placer Co., Cal. Engineer's name not given. Owner, E. R. Quigley, Westville. E. R. Quigley of Westville, Placer Co., Cal., is building a power line from the Black Canyon Mine in Westville to Alta, a distance of 15 miles.

JAIL—2 story and base, brick and steel, \$45,000. Red Bluff, Tehama Co., Cal. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Bids opened by the Board of Supervisors of Tehama County for the construction of the new two-story brick and concrete jail building, designed by Architect R. A. Herold of Sacramento, show R. W. Moller of San Francisco low on the general construction at \$22,885, and the Stewart Iron Works of Cincinnati yow for the cell work at \$21,160. Awards will be made this week. Following are the bids for the general construction:

R. W. Moller, San Francisco..\$22,885.00
O'Connor Bros., Red Bluff.... 24,680.00
Keating & Hite, S. F..... 24,975.00

BRIDGE—Steel and reinforced concrete. Cost not stated. Marysville, Yuba Co., Cal. Engineer, City Engineer Trow, Marysville. Owners, City of Marysville. The City Council will probably advertise for bids for the approaches for the new D street bridge, commencing on July 13th. City Engineer Trow has received plans back from the Highway Commission with approval, and work will be started at once.

CEMENT—Cost not stated. Woodland, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. The Board of Supervisors will call for bids at once for furnishing the county with from 3,000 to 10,000 barrels of cement, which will be used in the construction of new bridges throughout the county.

LIBRARY—1 story and base, reinforced concrete. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Town of Woodland. The building will be in the nature of an addition to the present library, and will be designed in the classic style. Construction will be of reinforced concrete throughout. Interior will be finished in pine with some hardwood. There will be two large reading rooms and a stack room. Plans provide for steam heat. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

SCHOOL—2 story and base, brick and reinforced concrete, \$75,000. Auburn, Placer Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Auburn Union High School District. This building has been mentioned here several times before. There will be twelve class rooms, a large assembly hall and domestic science and manual



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training department. Interior will be finished in pine with hardwood floors. There will be steam heat and program clocks. Exterior of the building will be faced with either red pressed brick or cement plaster. Plans are complete and figures will be called for as soon as the bonds can be sold. water works machinery.

THEATRE ALTERATION—1 story, brick and frame, \$15,000. Visalia, Tulare Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owner, W. R. Saulding, Visalia. The old Armory will be altered and an addition constructed. The work will include new interior partitions, heating, plumbing, painting and plaster work. A complete stage equipment will be installed. Plans are now being prepared and figures will be called for shortly. Further mention will be made of the work.

Contracts Awarded.

HIGHWAY WORK—Cost not stated. California. Engineer, California Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contracts for four pieces of State Highway were let as follows: Yolo, to M. Blumenkranz, Stockton, \$53,988.60; Santa Cruz, to Occidental Con. Co., Los Angeles, \$54,761.50; San Luis Obispo, to Rogers Bros., Los Angeles, \$86,986, and Ventura, to L. G. Garnsey, Los Angeles, \$96,121.25. Bids were rejected for work in Kern County and San Diego County and will either be readvertised or done by Day Labor. No action has as yet been taken on the work in Tehama or Shasta Counties, bids for which were opened at the same time.

POST OFFICE—2 story and base, brick and concrete, \$76,980. Chico, Butte Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractor, B. J. Duffy, 2673 17th street, San Francisco. Contract price, \$76,980.

Highway Commission Opens Eight Bids.

Work in Eight Counties Attract But Little Attention. Several Contracts Will Be Re-figured.

Bids were opened at the last regular meeting of the State Highway Commission in Sacramento for constructing highways in the following counties: Yolo, Tehama, Santa Cruz, San Diego, Shasta, San Luis Obispo, Kern and Ventura. A complete list of the bids received together with the amount

of the engineer's estimate and a list of the materials furnished by the State for this work follow:

YOLO CO. DIV NO. 3, ROUTE 7, SEC. A.
M. Blumenkranz, Stockton, \$53,988.60

Engineer's Estimate, \$55,384.69

Materials furnished by the State:—pipe railing, reinforcing steel, corrugated iron pipes, Portland cement, sand and course aggregate. Total \$48,014.76.

TEHAMA CO. DIV 2, ROUTE 3, SEC. A.
George Vogelgsang, Tehama, \$59,759.92

Engineer's Estimate, \$59,927.42

Materials furnished by State:—Portland cement, reinforcing steel, corrugated iron pipe, pipe railing, sand and course aggregate. Total, \$53,427.80.

SANTA CRUZ CO. DIV 4, ROUTE 5, SEC. A.

J. A. Marshall, Berkeley, \$..... Irregular
James H. Smith, S. F., \$56,948.60
Occidental Con. Co., L. A., \$4,761.50

Engineer's Estimate, \$57,791.52

Materials furnished by State:—Portland cement, reinforcing steel, corrugated iron pipe, pipe railing. Total, \$6,204.64.

SAN DIEGO CO. DIV. 7, ROUTE 12, SEC. B.

C. L. Hyde Con Co, San Diego, \$12,059.50

Engineer's Estimate, \$10,672.35

Materials furnished by State:—Portland cement, reinforcing steel, corrugated pipe, and pipe railing. Total, \$5,696.70.

SHASTA CO. DIV 2, ROUTE 3, SECS. B AND C.

Carnahan & Mulford, S. F., \$168,477.50
Palmer & McBryde, S. F., \$166,216.40

Engineer's Estimate, \$170,326.03

Materials furnished by State:—Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$14,841.85.

SAN LUIS OBISPO CO. DIV 5, ROUTE 2, SEC. E.

Rogers Bros. Co., Los Angeles, \$86,986

Engineer's Estimate, \$91,550.35

Materials furnished by State:—pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and course aggregate. Total, \$77,540.90.

KERN CO. DIV 6, ROUTE 4, SEC. B.
Lynn S. Atkinson, Los Angeles, \$182,641

Engineer's Estimate, \$132,787.05

Materials furnished by State:—Portland cement, reinforcing steel, corrugated iron pipe, and pipe railing. Total, \$55,307.25.

VENTURA CO. DIV 7, ROUTE 2 SEC. B
Leigh G. Garnsey, L. A., \$96,121.25

C. H. Hudson, L. A., \$99,190.75
Rogers Bros., Co., L. A., \$7,704.05

Engineer's Estimate, \$101,206.83

Materials furnished by State:—Portland cement, reinforcing steel, corrugated iron pipe and pipe railing. Total, \$46,479.60.

E. H. Williams Chalmers Munday

Munday & Williams Attorneys-at-Law

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Bids Opened For New Silos At Napa Hospital.

Harvey A. Klyce Will Do The Work.
Five Other Sets of Figures Received By Board of Control.

Bids were opened recently by the State Board of Control for constructing silos and a feed room at the Napa State Hospital from plans by the State Department of Engineering. Harvey A. Klyce of San Francisco was the low man and will probably be awarded the contract for \$3,537. Other bids received were as follows:

Silos and Feed Room at Napa.

Harvey A. Klyce.....	\$3,537
Boxton, Dillon & Boxton....	4,390
Barrett & Hilp.....	4,572
Fred J. H. Rickson.....	5,063
Monson Bros.	5,937

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

ON FOOT X ST., near Commercial, on N 77 feet Blk 19, Brannan's Add'n., Sacramento. Reinforced concrete wall and foundation for tanks.

Owner.....Standard Oil Co., Guthrie Station, Sacramento.

Architect...None.

Contractor...Murell & Haley, Ochsner Bldg., Sacramento.

COST, \$13,200

COR. UPPER STOCKTON ROAD & R St., on 4.9 acre tract, Sacramento.

One-story brick garage and brick addition to office building.

Owner.....Standard Oil Co., Guthrie Station, Sacramento.

Architect...None.

Contractor...Murell & Haley, Ochsner Bldg., Sacramento.

COST, \$9050

NO. 1931 TWENTY-SECOND S ¼ Lot 8 S, T, 22nd and 23rd Sts., Sacramento.

One-story frame private garage.

Owner.....J. S. Remick, 1930 22nd St., Sacramento.

Architect...None.

Contractor...R. L. Gravel, 2945 Lower Stockton Road, Sacramento

COST, \$200

NO. 2214 K ST., E ¼ Lot 2, K, L, 22nd and 23rd Sts., Sacramento. Repair and alter flats.

Owner.....J. I. Zimmerman, 1701 M St., Sacramento.

Architect...None.

Day's work. COST, \$200

NO. 3816 J ST., W 51½ OF E 98 feet
Lot 2, Mary Tuller Tract, Sacramen-
to. Six-room dwelling.
Owner.....Julian Feraut, 3814 J St.,
Road, Sacramento.
Architect...None.
Contractor..H. Buck, 3100 Walnut Ave
Sacramento.
COST, \$2000

SIXTH AVE near 37th St., Oak T --
race Lot 2652, Oak Terrace, Sacramen-
to. Erect 5-room dwlg.
Owner.....W. J. Foster, 3400 Cypress
Ave., Sacramento.
Architect...None.
Contractor..H. Buck, 3100 Walnut Ave.
Sacramento.
COST, \$1800

W WALNUT AVE nr Leland Stanford
Ave Lot 6, Pleasant View Tract, Sacra-
mento. Erect 5-room dwelling.
Owner.....H. F. Carstens, 312 Forum
Bldg., Sacramento.
Architect...None.
Contractor..H. F. Carstens, 1813 I St.,
Sacramento.
COST, \$1800

THIRTY-FOURTH AND V STS., S 40
feet Lots 8 and 9 Blk U. V. 33rd and
34th Sts., Allen & Leitch Tract, Sacra-
mento. Five-room building.
Owner.....H. F. Carstens, 312 Forum
Bldg., Sacramento.
Architect...None.
Contractor..H. F. Carstens, 1813 J St.,
Sacramento.
COST, \$1800

NO. 3120 FIRST AVE S ½ of W ½ Lot
10, Oak Grove Tract, Sacramento.
Move house and build 3 rooms and
porch.
Owner.....L. L. Runyon, Premises.
Architect...None.
Contractor..Burton & Bill.
COST, \$800

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

NE WEBER AVE & SAN JOAQUIN.
Stockton. All steel work for five-
story office building.
Owner.....Charles Belding Co., 325 E-
Weber Ave., Stockton.
Architect...Stone & Wright, 26 S-Calif-
ornia St., Stockton.
Structural Eng...Robt. C. Oilphant,
Hearst Bldg., S. F.
Contractor..Ralston Iron Works, 20th
and Indiana, S. F.
Filed July 2, '14. Dated June 26, '14.
All work up to 4th story.....\$4100
Acceptance of work.....4445
Usual 35 days.....2900
TOTAL COST, \$11,445
Bond, \$3725. Surety, Chicago Bonding
Co. Limit, 60 days. Forfeit, \$15 per
day. Plans and specifications filed.

LOT 9 BLK 55, West Stockton. All
work for frame building (4) apart-
ments.
Owner.....Mrs. Clara Williams, 1207
E-Main St., Stockton.
Architect...None.
Contractor..M. S. Smith, 1137 N-Ophir
St., Stockton.
Filed July 6, '14. Dated July 6, '14.
Building enclosed\$1500
Building plastered2000
Completed and bills paid.....1500
TOTAL COST, \$5000
Bond, limit, forfeit, none. Plans and
specifications filed.

NOS. 508-510 J ST., W ½ Lot 2, J, K, 5th
and 6th Sts., Sacramento. Alterations
to building.
Owner.....Valley Seed Co., 707 J St.,
Sacramento.
Architect...None.
Contractor..John Morrill.
COST \$495

CESSATION OF LABOR.

SACRAMENTO COUNTY.

July 7, 1914—S ½ BLK B, C, 11TH
and 12th Sts., Sacramento. Phoenix
Milling Co to Northern Construc-
tion Co. Date of Instrument.....
.....July 7, 1914

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
July 3, 1914—LOTS 5, 6, 7, 8, K, L,
18th and 19th Sts., Sacramento.
Board of High School District to
McGillivray Constr Co....July 3, 1914

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED AMOUNT
July 7, 1914—LOT 4, J, K, 4TH AND
5th Sts., Sacramento. Vulcan Iron
Works to Marsh Investment Co and
Ransome Concrete Co.....\$800

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

SCHOOL—1 story and base, brick,
\$12,000. Banning, Riverside Co., Cal.
Architect, C. H. Russell, Union League
Bldg., L. A. Owners, Banning School
District. The building will contain
three class rooms. Interior will be
finished in pine with maple floors.
There will be warm air heat. Black-
boards will be of composition. Exter-
ior will be faced with pressed brick.
Plans are complete and figures are be-
ing taken.

BATH HOUSE—2 story and base,
brick and reinforced concrete, \$50,000.
Santa Barbara, Santa Barbara Co., Cal.
Architect, H. Alban Reeves, Chamber
of Commerce Bldg., Santa Barbara.
Owners, Southern California Edison
Co. The building will cover an area
of 200 by 80 feet, and will be of either
brick or reinforced concrete, and will
contain the offices of the Santa Bar-
bara Electric Road, refreshment rooms,
plunge, dressing rooms and mechanical
department and laundry. Interior will
be finished in pine with cement floor.
There will be steam heat and a water
heating apparatus. Exterior will be
faced with either cement plaster or
pressed brick. Plans are complete and
figures are being taken for either re-
inforced concrete or brick construc-
tion.

SCHOOLS—2, 1 story and base,
brick, \$35,000 and \$40,000. Pasadena,
Los Angeles Co., Cal. Architects,
Marston & Van Pelt, Chamber of Com-
merce Bldg., Pasadena. Owners, City
of Pasadena. Bids will be taken sepa-
rately on the general contract, plu-
mbering, and heating and ventilating.
The Altadena school will be part one
and two stories, and will contain an
auditorium, class rooms, domestic sci-
ence and manual training departments.
Construction will be of brick with

plaster exterior, pressed brick trim.
The Lamanda Park building will be a
one-story structure and will contain
eight class rooms, library, teachers'
rooms, domestic science and manual
training departments. It will be of
brick construction. Plans are complete
and figures are being taken. N. G.
Pelker, Chamber of Commerce Bldg.,
Pasadena is Clerk of the Board of Ed-
ucation.

Contracts Awarded.

SCHOOLS—2, 1 story and base, frame
and plaster, \$20,000. Santa Maria,
Santa Barbara Co., Cal. Architect, none.
Owners, Santa Maria School District.
Contractors, G. M. Doane & Sons, Santa
Maria. Contract price, \$20,000.

APARTMENT HOUSE—1 story and
base, brick. Cost not stated. Los An-
geles, Cal. Architect, none. Owner,
Mrs. George J. Ley. Contractors, E. H.
MacGibbon Co., Los Angeles Invest-
ment Bldg., L. A. Contract price 'not
stated.

RESIDENCE — 2 story and base,
brick, \$26,270. Los Angeles, Cal. Ar-
chitect, B. Cooper Corbett, Union Oil
Bldg., L. A. Owner, Thomas O'Neill,
Contractor, Los Angeles Planning Mill
Co. Contract price, \$26,270.

DENTAL COLLEGE—3 story and
base. Class C construction, \$40,989.
Los Angeles, Cal. Architect, none.
Owners, Southern College of Dentistry.
Contractors, Huntsberger-Reed Co.,
Van Nuys Bldg., L. A. Contract price,
\$40,989.

PORTLAND AND OREGON.

POST OFFICE—2 story and base,
brick and stone, \$80,000. Medford, Ore.
Architect, Supervising Architect Oscar
Wenderoth, Washington, D. C. Owners,
United States Government. Plans have
been completed for the new Federal
building to be erected at Medford. Con-
struction will be fireproof, except the
upper floor. Interior finish will be of
pine and hardwood. Plans provide for
steam heat, vacuum cleaning system
and hot water supply. Marble and tile
will be used in the corridors. A gen-
eral contract, including heating, venti-
lating, plumbing and lighting fixtures,
will be let. Exterior of the building
will be faced with pressed brick, stone
and ornamental terra cotta. Bids will
be opened on August 27th. Plans can
be secured from either the Supervising
Architect or from the custodian of the
site.

APARTMENT HOUSE—3 story and
base, brick, \$35,000. Portland, Ore. Ar-
chitect, C. A. Duke, Failing Bldg., Port-
land. Owner, H. Meter, 341 16th street,
Portland. The building will be erected
on Third street near Market, and will
cover an area of 74 by 96 feet. There
will be four stores on the first floor
and a total of 37 suites of two and
three rooms on the upper floors. In-
teriors will be finished in pine through-
out. There will be steam heat and a
hot water supply. All suites will have
private bath rooms and wall beds.
Bath rooms will be finished in tile
wainscot with composition floors. Ex-
terior of the building will be faced
with pressed brick. Plans are com-
plete and figures are now being taken.

Contracts awarded.

BRIDGES — 2, steel and concrete,
\$21,247. Clackamas, Ore. Engineer,
County Surveyor, Oregon City. Own-
ers, Clackamas County. Contractor, A.
C. V. Berry, Selling Bldg., Portland.
Contract price, \$21,247.

purposes have been estimated as follows: Crucibles, 5 per cent; stove polish, 15 per cent; foundry facings, 10 per cent; lead pencils, 5 per cent; palut, 5 per cent; lubricants, 5 per cent; all other uses, 5 per cent.

The shortcomings of the United States in the production of natural graphite are in part atoned for by the large amount of graphite produced in the electric furnaces at Niagara Falls. From its commercial inception in 1897 the industry of manufacturing graphite has grown rapidly until in 1913 the output was valued at nearly a million dollars (\$973,297). The various grades of manufactured graphite are adapted to practically all the uses to which graphite has been applied except crucible-making.

A report by Edson S. Bastin on the production of graphite in 1913, just issued by the United States Geological Survey, describes the properties, uses, and origin of graphite, records the production and imports in 1913, and describes the mode of occurrence at most localities where it has been quarried in the United States and at foreign localities which contribute to our domestic consumption. This report may be obtained free by addressing the Director, Geological Survey, Washington, D. C.

1913 A RECORD YEAR IN TIMBER PRESERVATION.

The most notable progress yet recorded in the chemical treatment of timber to prevent decay was made in 1913, according to a report recently issued by the American wood preservers' association in co-operation with the forest service of the department of agriculture.

The report states that 93 wood-preserving plants in 1913 consumed over 108 million gallons of creosote oil, 26 million pounds of dry zinc chloride, and nearly 4 million gallons of other liquid preservatives. With these the plants treated over 153 million cubic feet of timber, or about 20 per cent more than in 1912. The output from additional plants unrecorded would increase the totals given.

Impregnation of wood with oils and chemicals to increase its resistance to decay and insect attack, the report goes on to say, is an industry which has become important in the United States only in recent years. In Great Britain and most of the European countries practically every wooden cross-tie and telephone or telegraph pole receives preservative treatment. In the United States less than 30 per cent of the 134 million cross-ties annually consumed are treated, and the proper treatment of an annual consumption of 4 million poles may be said to have scarcely commenced.

Real progress in the United States dates from 1832, when the Kyanizing process, using bichlorides of mercury, was developed. In 1837 two other processes were introduced, the Burnett process using zinc chloride, and the Bethel process using coal tar creosote. These last processes are very largely in use today.

The idea of timber preservation at first made very slow growth in this country, on account of the large supply of cheap and durable timbers and the general disregard shown toward

economy in the use of natural resources. In 1885 there were only three pressure plants in the United States; and in 1895 only 15. Since then, however, the industry has grown rapidly; in 1913 there were 117 plants.

ANNUAL CONSUMPTION OF WOOD BY THE WOOD MANUFACTURING INDUSTRIES.

Statistics have been compiled by the Forest Service which show for the first time precisely how the lumber produced in this country is utilized. About 45 billion feet of lumber of all kinds is the annual production in the United States; of this nearly 25 billion feet, board measure, are further manufactured, the other portion remaining for rough construction lumber and for similar purposes. This is exclusive of material which reaches its final use in the form of fuel, railroad ties, posts, poles, pulpwood, cooperage, wood distillates, and the barks and extracts demanded by the tanning industry.

The work of compiling and compiling the figures extended over a considerable period and was carried out state by state; but as one full year was made the basis of statistics in each state, the total is a fair average of the use of lumber in further manufacture in the whole country. Between 50 and 60 per cent of the lumber produced is subjected to further manufacture. In preparing the figures in this way, however, it should be remembered that considerable material reaches shops and factories in the form of logs, bolts, and billets without having passed through sawmills; and while this material is included in these statistics this fact should be remembered in comparing the statistics with those of lumber production.

Nearly or quite 100 different woods are used in this country under their own names, while an unknown number, find their way to shops and factories without being identified or separately listed, except under general names. In quantity the softwoods, the needle-leaf or coniferous trees, are most important, but there are a greater number of species among the hardwoods, or broadleaf trees. Yellow pine comes first with more than 8 billion feet, followed by white pine with 3 billion, and Douglas fir with a little more than 2 billion. It should be understood, however, that the term "yellow pine" includes several species the three most important of which are longleaf, shortleaf and loblolly. Oak, including all species, has nearly 2 billion feet and is the most important hardwood. Maple comes next.

Dogwood comes about halfway down the list with more than 7 million board feet, and of those species mentioned Turkish boxwood comes last with less than 30 thousand feet, followed by many others too insignificant to list but making a total of all kinds of more than a million feet. Of the native species, laurel, holly and yucca fall very near the foot of the list in relative quantities used.

Fifty-five principal industries use wood as raw material. Their relative importance is hard to indicate, because quantity alone is not in all cases a criterion of value of an industry to the community in which it is situated, nor to the country as a whole.

More than one-half of the total con-

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sumption consists of planing-mill products, the largest items of which are flooring, siding, ceiling, and finishing. The next industry, in point of quantity of wood used, is the manufacture of boxes and crates. Nearly four times as much wood is demanded by makers of boxes and crates as by the builders of steam and electric cars, which come next, and five-fold the amount that goes into furniture, which in turn leads vehicle manufacture. Vehicles demand surprisingly large supplies of wood, and much of it must be of a high class in order to meet requirements for frames, gears, and bodies.

Chairs, listed separately from furniture, come after novelties and supplies for dairymen, poultry keepers, and apiarists and just before handles, and musical instruments. About midway down the list come pumps and wood pipes. Among the products important enough to list separately are canes and umbrella sticks, brooms, firearms, artificial limbs, and tobacco pipes.

The apportionment of wood among the various industries, grades from planing-mill products, which take most, down to aeroplanes and dry kilns, at the bottom of the list.

GREAT SULPHUR PRODUCTION.

The amount of sulphur produced in the United States in 1913 according to the United States Geological Survey, was 311,590 long tons, valued at \$5,479,849, the greatest output in the history of the industry. This output was 8118 long tons greater than that of 1912 and showed an increase in value of \$223,427. In 1913 three states produced sulphur, namely, Louisiana, Texas and Wyoming. The United States is rapidly gaining on Sicily, which at the present time is the leading sulphur producing country in the world and whose output for the year ending July 31, 1913, was 346,213 long tons.

NATIONAL FOREST TIMBER SOLD TO MATCH COMPANY.

Bids were opened in the office of the District Forester at San Francisco last week for the sale of approximately 14,000,000 feet of timber, chiefly sugar pine, on the Plumas National Forest near Sterling City, California. The sale was awarded to the Diamond Match Company of Chico.

Logging will commence immediately and will be conducted in connection with the cutting of adjacent timber owned by the Company. The contract runs until November 30, 1915.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

How To Efficiently Prepare Copy For The Printer.

THE DUMMY:

Is a duplication of the size of the card, folder, circular or other thing you wish to have printed. It may be of any grade or style of paper, as long as it originally contains no printing or other matter and is of the size of the thing that you wish. If you wish a card printed 2 inches x 4 inches, a sheet of paper cut to size 2 inches x 4 inches will constitute the dummy. If it be a four-page folder, 6 inches x 9 inches, then a sheet of paper folded together and cut to size of pages 6 inches x 9 inches and showing four sides of pages will constitute the dummy.

On the dummy you may then block off by making dotted or wavy lines the space about the size of the type that you wish used for the heading, the place and about the size of the space that you wish for the principal matter to occupy, the place and size of any cut to be printed therein and the size and position of the name and address of the firm. These various blockings may be lettered A, B, C, etc., and then written out in good size on separate slips of paper under the corresponding letters A, B, C, etc. From the dummy the printer can at once tell the exact size of the thing that you wish printed. From the blockings consisting of dotted lines or lines ruled around the space to be occupied, he can tell how much room he will have for the particular matter, cut, heading or name you wish printed therein and can use the proper size and style of type accordingly. By having the actual matter to be inserted, written on separate sheets, it may be written very large and plain and thus avoid mistakes being made in the words or spelling while at the same time the printer can tell from the Dummy the size of type he will have to use to get all of said matter on that particular slip, into the space you have designated on your Dummy.

BORDER:

If you desire the matter contained on your card, folder, etc., surrounded or enclosed by ruled lines or border design, it should be specified under the head of border, and where possible it is best to paste a sample of the size of rule or style of border that you wish, onto your sheet or dummy.

TYPE:

In ordinary printing, the printer will usually use his best judgment in giving you a type suitable for your matter. In small offices this is governed largely by the faces of type that he has in his office. If you desire a particular kind of type for particular parts of your ad, cut out sample lines of the various styles from some paper or magazine and paste it at the side of the sheet opposite to the matter that you wish in that particular style of type. If you

have your own cuts you should allow the same space in your dummy as the block takes on which the cut is mounted.

STOCK:

Unless you are well acquainted with the technical names of stock, attach a piece of the kind of cardboard or paper that you desire, to your order to the printer.

BINDERY WORK:

That is sewing or stapling together the pages of a folder; gluing or stapling together sheets in pads, or books; perforating sheets so that they will tear off; or putting covers on printed matter in the form of books, should generally be discussed with your advertising manager or printer, unless your experience in this technical line is broad enough to assure you that what you order will be done exactly as you wish.

BUSINESS OUTLOOK GOOD.

Mr. Isidor Jacobs, who has just returned from a trip of several months' duration to the Eastern cities of the United States and to Europe, reported the result of his observations at the Luncheon of the League for Home Rule in Taxation on Wednesday, June 24th.

The presiding officer, Mrs. Grace Blackwell Caukin, Secretary of the Democratic State Central Committee, and newly appointed Receiver of Public Moneys' before introducing Mr. Jacobs, spoke briefly on the work of the League, laying stress particularly on the non-partisan character of the amendment and of the weekly Luncheons.

Mr. Jacobs said in part:

"Political conditions seem to reflect on business both in the United States and in Europe.

In Germany they have just recovered from one of the worst periods of business depression ever known in their history. One of the causes of this was the tax levy by the Government of a special emergency tax not on income, but on the principal. This tax was levied last year and realized over four billion marks or above a billion dollars in our money.

In France, owing to frequent changes in the Government, business is at present somewhat depressed, and not nearly as good as a year ago.

Holland and Belgium are much more prosperous than last year and are recovering rapidly from last year's financial stringency.

England, Scotland, Ireland and Wales, I found, are entering upon the greatest era of prosperity ever known in those countries. A superficial investigation into the cause of this develops the fact that the present Government policies and the consequent radical changes in taxation and in their land laws, have resulted in curbing land monopoly and displacing it by individual enterprise and industry.

Another important factor is that the purchasing power of the people is greater now than ever before in the history of Great Britain. This was largely brought about by the settlement of labor controversies of many years' standing, which has resulted in increased wages in nearly all lines of industry. The consequent prosperity of the masses of the people is now felt by increased trade in all directions.

In this country, while there is a temporary business depression, it is

apparent that it is an abnormally forced condition, brought about largely for political purposes, and to force action on the part of the Administration. Confronted as the country is by record-breaking crops in all directions, coincident with the inauguration of the new currency legislation, it can safely be predicted that the United States is about to enter upon a period of great prosperity, and that before the end of the year, the so-called depression will have passed, and then we may look for a permanent era of great industrial, commercial and agricultural development."

CALIFORNIA LEADS IN CONCRETE WORK LAID.

California laid almost three times as much concrete for streets and roads during 1913 as any other State in the Union, the high proportion being mostly due to the concrete road work of the State Highway Commission.

There were 1,766,000 square yards of concrete laid in California during the last year out of a total of 8,093,360 square yards laid in all the other states in the Union. Ohio stands next to California with 655,650 square yards.

BRITISH COLUMBIA.

[Consul General R. E. Mansfield, Vancouver, Canada.]

An important matter to Vancouver is the discovery on Texada Island, 50 miles from the city, of an inexhaustible ledge of mottled granite. Some of the stone was quarried experimentally and the polished slabs used in the new Victoria theatre. A \$150,000 company has leased the ledge from the Government, and will develop the quarry, building a gravity tram line to the water edge, whence the stone can be transported cheaply to Vancouver for dressing. During the past five years over \$3,000,000 worth of marble has been imported into Vancouver for interior work on new buildings. In the future most of the stone for such work will be quarried in British Columbia.

HALF-INCH FLOORING INSTEAD OF THIRTEEN-SIXTEENTHS.

The latest thing in Hardwood flooring is $\frac{1}{2}$ inch stock.

Experience has proven that flooring $\frac{1}{2}$ inch thick wears as long as flooring 13-16 inches thick. The lip on the $\frac{1}{2}$ inch flooring is practically as thick as on the heavier stock. The saving in thickness is very considerable, and also there is a great saving in width as the $\frac{1}{2}$ inch stock is 2 inch face, measured as 2 $\frac{1}{2}$ inches, as against 2 $\frac{3}{4}$ inches measured as 3 inch on the thicker stock.

Flooring in the new thickness is expected to become standard as it has all the necessary qualities of the heavier material and brings down the cost.

SACRAMENTO, Cal.—The Highway Commission has decided to order the immediate construction of the new line for the Lincoln Highway from Lake Tahoe via Sacramento and the Yolo Basin to Sausalito, thus reducing the distance to San Francisco, by thirty miles. It is proposed that a new trunk line run directly from Sacramento to Napa and from there follow the shore of San Pablo Bay to Sausalito where it will connect with the coast line north of Eureka.

CRIME COST.

Perhaps one of the minor evils of crime, and yet an evil, is the great cost to the public of systems of punishment. Not only must we maintain police departments for defense and apprehension, and courts for examinations and trials, and prisons for discipline and punishment. These things might be accepted as the established lens of crime on society. We have to bear them, or admit that society has no recourse against the vicious or the predatory. But the very system of protecting society against crime imposes every year an increasing burden of expense that seems disproportionate to the return. A good example is in the cost to the state of handling the case of a young girl who passed a bad check in Los Angeles to get money to visit her sick sister in Chicago. Her offense was detected only after she had reached Chicago. She was arrested and ordered extradited. In order to bring her back, a policeman was sent from Los Angeles to Chicago; but found on reaching there that the girl's sister was on her death bed, and permission to extradite was withheld while the accused girl nursed the invalid. In the meantime the policeman from Los Angeles lived at Chicago, keeping a watch on the prisoner. Finally the sister died, and the girl offender was returned to Los Angeles, only to be paroled on good behavior.

The cost of policing against crime, like the cost of war, may seem too enormous to be endured, but at least it is better than what we might have instead. It is much better to groan under a burden of taxation than to have anarchy such as that in Mexico for the last three years, unless the anarchy is a prelude to better government and better order than ever.

But certainly common sense must dictate that money saving devices shall be applied to our policing and penal systems, as well as to our constructive and administrative branches of government. We cannot go as far as to figure that each criminal shall be handled at so much a head, or that we must figure out a cost system of so much per crime. But among the sorts of government experts to be developed will be men who can devise a minimum cost treatment of crime, both for the protection of the state as present and for the gradual reduction of crime, if possible, in the future.—Fresno Republican.

Three bills, constituting what is known as the President's trust program, have passed the house and have been referred to committees in the Senate. These bills are the Covington Traue Commission Bill, the Clayton Omnibus Trust Bill and the Rayburn Bill for supervising the issue of railroad securities.

The Trade Commission Bill provides for an interstate trade commission, somewhat like the Interstate Commerce Commission. It is to be composed of three members with a salary of \$10,000 a year. All corporations having a capital of a million dollars or more must file reports with this commission, and certain smaller corporations may be required to file such reports. The commission is expected to investigate cases

of violation of the Anti-Trust Law, and to supervise the carrying out of court decrees in trust cases.

The Clayton Bill is supplementary to the Sherman Act. It prohibits combinations that lessen competition, exclusive contracts, price discrimination, railroad pools that are not approved by the Interstate Commerce Commission, holding companies and interlocking directorates. Under amendments adopted by the House peaceful picketing and boycotting are legalized, labor unions are exempted from the operation of the act and the use of injunctions in labor disputes is greatly restricted.

Under the Rayburn Bill the Interstate Commerce Commission is granted virtually the same powers of regulating the issuing of securities by railroads that the state public utility commissions have over public service corporations.

These measures are in the main the embodiment of the President's anti-trust program. They have been made necessary by the usurpation of the political power of the country by the special interests.

The old game of creating a business depression is being worked over again. Such newspapers as the Chronicle is howling about the impracticability of theorists and the same methods are employed to prevent effective reform. But the time is past when such things can prevent action and the majority of people have in a measure shaken off the bigotry of partisan politics to such an extent that they can exercise some independent judgment.

The President has been most severely criticised for his Mexican policy and repeal of the Canal Tolls Exemption Act. These were not party measures at all. But the people who are thus criticising him so vehemently are his political enemies which leads one to believe that the criticism is anything more than party politics.

When an operation is necessary to remove a tumor it usually makes the patient sick. The present program looks to the readjustment of more equitable relations in the industrial and financial world. The accomplishment of it will strip special privilege of most of its power. The natural result of such readjustment is to disturb business relations which will assume their natural relations in the course of time.

INITIATIVES.

There has been some disposition among farmers and others who are opposed to the universal eight hour law which has been placed upon the ballot by initiative to hold the Progressive administration responsible for the law. A moment's consideration of the nature of the initiative will show the injustice of this attribution of responsibility. The very purpose of the initiative is to enable any considerable group of voters to submit to the people directly a law which the legislature has refused to pass. Therefore, in the very nature of things, an initiative measure on the ballot is never an anti-administration measure, and is usually an anti-administration measure. The measure was introduced into the legislature by the only Socialist member of that legislature and was defeated in the legislature. Therefore, right or wrong, the Progressive legislature is on record as

against this measure. Being defeated in the legislature, the Socialists then exercised their right of appealing from the legislature to the people, and circulated petitions to place the measure on the ballot by initiative. This law, then, is not a Progressive, but a Socialist measure, proposed by Socialists, defeated once by Progressives and now submitted to the whole people by the Socialists, for their judgment.

In general, it may be assumed that any referendum or initiative is an anti-administration measure. When the government of the state is controlled by special interests, the initiative and referendum are the weapons of the people to appeal from these special interests. But when the government of the state represents the people, then the initiative and referendum become the refuge of the special interests, to appeal from the action of the people's representatives in the legislature. It is therefore an important rule to remember that the way to support the legislature on an initiative is to vote "no," and on a referendum is to vote "yes."

The legislature, for instance, passed a blue sky law and the organized bunco steers of the state procured a referendum against it. This submits the law to the people, to vote whether they will pass that law, and the way to sustain the legislature is obviously to vote "yes," and therefore pass once more the law which the legislature has already once passed. But the legislature refused to pass the universal eight-hour law, and those who disagreed with the legislature thereupon submitted that law by initiative and to the people. The way to sustain the legislature in this case is to vote "no," and thereby to defeat once more the law which the legislature had already once before defeated.

This does not mean, of course, that voters are not to exercise individual judgment on measures. On any measure on which any voter has a personal opinion, he should vote that opinion, regardless of the action or opinion already expressed by the legislature. But on any measure on which the voter has not a positive opinion, but with respect to which he has an attitude of general confidence or lack of confidence in the legislature, he may express that confidence or the reverse very simply by voting "yes" on the referendum and "no" on the initiatives if he has confidence in the legislature, or by reversing that course, and voting "no" on the referendums and "yes" on the initiatives, if he lacks confidence in the legislature.—Fresno Republican.

KOA IS RESTAURANT FIXTURES.

Our old friend, Sam Levi, of the S. Levi Fixture Shop, has recently installed some very beautiful attractive and rococo fixtures in the confectionery and restaurant of Mr. Ruffieux of 211 Powell Street.

The wood is Koa or Hawaiian Mahogany, and the variegated figure of this beautiful wood, makes a most exquisite piece of workmanship.

Mr. Levi is to be congratulated on his selection of veneers and solid Koa for this job, as well as for his skill in designing the fixtures and executing the work.

The Koa lumber was furnished by White Brothers.

Issued Weekly. \$3.00 Per Year

Fourteenth Year, No. 29.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

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WEDNESDAY, JULY 22, 1914.

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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities of the Pacific Coast.

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Editorial Comment.

Building operations for the month of June in San Francisco amounted to \$2,799,617 as against a total of \$2,830,396 for the same month last year. This total was made up in the following manner: Brick and concrete, \$1,075,048; frame construction, \$597,069; alterations, \$150,598; Panama-Pacific Exposition work, \$643,317; City buildings, \$46,280; Municipal railway, \$188,581.

Apartment houses within the fire limits and permanent buildings made up the major part of the total figures. And generally the record is about equal to last year.

Comparing the reports from the different parts of the country the record shows a gradual increase for the year. Reports from about 70 cities throughout the country show an aggregate gain of about 4 per cent. Particulars are to be found in the following table:

City	June, 1914.	June, 1913.
Akron	\$ 424,215	\$ 496,790
Albany	860,685	165,615
Atlanta	419,654	656,189
Baltimore	970,949	746,567
Berkeley	153,050	204,800
Birmingham	572,189	577,189
Boston	790,008	1,046,551
Bridgeport	640,436	212,318
Buffalo	2,569,000	2,302,600
Cedar Rapids	270,000	491,000
Chattanooga	60,045	132,715
Chicago	9,538,300	7,609,370
Cincinnati	1,116,885	1,392,825
Cleveland	3,126,595	1,803,805
Columbus	625,650	567,791
Dallas	588,945	936,015
Denver	274,014	372,845
Duluth	251,205	145,284
Evansville	163,159	222,300
Fort Wayne	394,050	273,025
Grand Rapids	203,227	262,707
Harrisburg	131,350	81,275
Hartford	658,672	333,650
Indianapolis	841,238	952,025
Kansas City	1,632,700	904,375
Los Angeles	1,682,057	2,419,784
Louisville	517,540	367,780
Manchester	189,857	156,555
Memphis	283,012	175,642
Milwaukee	899,898	1,481,577
Minneapolis	1,604,195	1,808,645
Newark	586,220	1,089,772
New Haven	440,271	341,776
New Orleans	354,599	643,264
New York City—		
Manhattan	4,255,391	6,355,617
Bronx	2,882,347	2,544,080
Brooklyn	5,628,863	3,251,277
Queens	2,688,284	1,266,630
Richmond	333,868	175,600
Total	15,788,753	13,592,204
Oakland	451,231	577,517
Oklahoma	36,590	23,500
Omaha	404,025	339,650

Pasadena	356,527	159,014
Paterson	186,325	84,426
Peoria	175,200	199,375
Philadelphia	3,779,635	4,188,890
Pittsburgh	2,450,281	3,750,072
Portland	834,435	947,135
Richmond	172,539	152,778
Rochester	1,026,327	1,444,108
Sacramento	323,052	558,310
Salt Lake City	232,600	249,748
San Diego	426,330	385,995
San Antonio	240,090	160,002
San Francisco	2,799,617	2,830,396
San Jose	47,599	29,290
St. Joseph	52,669	49,114
St. Paul	2,048,611	1,072,836
Stockton	185,222	157,415
Schenectady	150,960	438,889
Scranton	103,303	85,692
Seattle	1,162,165	897,310
Sioux City	238,680	296,400
South Bend	120,778	64,635
Spokane	83,025	411,785
Springfield, Ill.	293,500	47,870
Syracuse	235,395	515,725
Tacoma	80,611	525,884
Toledo	581,113	104,651
Topeka	70,025	51,565
Washington	942,325	1,253,513
Wilkes-Barre	410,811	88,272
Worcester	746,598	540,973

Total

\$71,353,408 \$68,588,506

ADVERTISING.

Nearly five thousand men met in Toronto a few days ago to consider the principles of advertising. The fact that there are so many specialists in a business is an indication of the importance it has assumed in recent years. With its growth in importance has come the introduction of higher standards.

It was observed in the convention that there was immediate response to every ethical appeal. The high grade men who now are in general charge of the advertising business realize that, as one of them put it, not only is honesty the best policy; it is the only policy. They know that a permanently successful business can be conducted only on the basis of honest service. These ideas were embodied in a declaration of principle by general advertisers which included these points:

To claim no more, but, if anything, a little less, in our advertising than we can deliver.

To refrain from statements in our advertising which, through actual misrepresentation, through ambiguity, or through incompleteness, are likely to be misleading to the public or unjust to competitors.

To use every possible means, not only in our own individual advertising, but by association and co-operation, to increase the public's confidence in advertisements.

To refrain from attacking competitors in our advertising. Such a policy is merely common sense applied to advertising. But it is fine to have it so strikingly advertised as it was at the great Toronto convention.

Some Notes On The Use Of Terra Cotta In Buildings.

Its Value In Artistic Architecture and Its Merits as a Material of Construction.

The following interesting paper, dealing with the manufacture, utility and beauty of terra cotta as a building material, was read by H. L. Fitzsimmons at a recent meeting of the Prince Albert Builders' Exchange:

In Europe there are numerous examples of architectural terra cotta, which have been exposed to the weather for three or four centuries, and still in good condition, while examples of stonework, subjected to the same conditions, are more or less worn and decayed. There is at the Louvre, in Paris, at the present time, some glazed terra cotta, said to have been made by the Assyrians in the sixth century before the birth of Christ. In other museums there are some vases and other ancient terra cottas from Egypt and Greece, as well as some famous examples of work made in the Middle Ages, some of which are as perfect as if recently made. All these ancient terra cottas tell the story of durability and proclaim terra cotta to be a material worthy of the genius of those artists of antiquity who wrought so beautifully in this medium.

Composition and Manufacture.

Terra cotta is composed of practically the same material as bricks and its characteristics, as far as the material is concerned, are the same. It requires, however, for its successful production a much better quality of clay than is generally used for bricks, while the process of manufacture is entirely different.

The first consideration in the manufacture of terra cotta is the selection of the material. No one locality gives all the clay required for first class material, and each shade and tint of terra cotta requires the mingling of certain clays from different localities to regulate the color. The colors vary from light cream to dark red.

A partial vitrification of the body is desirable, but a clay that is too fusible causes warping in the kiln. To overcome this tendency, one, at least, of the component clays should be highly refractory, and to further insure straightness from 20 to 25 per cent of ground burned clay called "grog" or "chamotte," should be added. The clay, after being mined, is sometimes seasoned, after which any one of several methods is employed to thoroughly grind and mix the clay with "grog" and water. Usually it is finally tempered in a pug-mill before being sent to the pressing room.

If several pieces of terra cotta of the same size and shape are required a full size model of plaster and clay is first made and from this a plaster mold is taken. In the making of these models the highest grade of skilled labor is required. When the models are dry they are sent to the pressing department. Here the plastic clay is pressed into the molds by hand and when partially dry, the work is turned out on the floor. It is then ready for the carver and modeller, if it is decorative work that requires the use of their tools; or for the clay finisher if it only

requires undercutting or some special work to make it fit in with other construction.

The work is carefully dried on the drying floor and is ready to receive the surface treatment. This is done by spraying on the surface of it, by means of compressed air and an atomizer, a thin "slip" or liquid mixture, which, when burned, gives the ware a surface that is vitrified or full-glazed, as the case may be. This operation also gives the terra cotta greater evenness in tone and its exact shade of color. The body colors used are comparatively few, while the surface colors are almost without limit. It is next put into the kilns, where it remains 7 or 15 days, according to the size of the kiln, before it is ready for use. The kilns used are the down-draught, beehive shaped ones, and an inside lining or "muffle" prevent the flames from coming in contact with the terra cotta. In this drying and burning process all the water in the clay is expelled, and in consequence a shrinkage in the size of the pieces takes place. This shrinkage is about one inch to the foot, for which allowance is made by the draughtsman who prepares the drawings for the moldmaker. The pieces are then carefully inspected, fitted and numbered in accordance with setting drawing prepared for that purpose. The fitting operation consists of placing the various pieces in the relative positions which they would have in the building for which they are intended, and then, with a chisel, the joints are trimmed where necessary, so that all the pieces will fit accurately together. By the use of the rubbing beds the joints are rubbed to an absolutely straight line in the same manner that stonework is rubbed. The rubbing of the joints is of great advantage in ashlar work, as it insures absolute alignment of the joints.

The numbering operation consists of numbering each piece with a number for identification. A corresponding number is placed on the setting drawings. The work is then shipped to the building.

If only one or two pieces of terra cotta are to be made, or if no repetition is intended, no moulds are used, the clay being modelled by hand, with the use of templates, into the required shape. Single pieces of modelling are worked on ashlar and plain blocks. The finished product thus bears directly the impress of the modelling artist. It can be studied, improved or modified, and, when entirely satisfactory, burned. On this account terra cotta possesses, for highly decorative work, an advantage over all other building materials. It has this advantage even where repetition is intended and molds are made, because the ornamental portions of the models are made of clay, which under all circumstances, is the best material that can be used for modelling purposes. When possible the architect examines the model in person and the alterations are then made under his eye.

Sometimes photographs are made and sent for his inspection and approval. If the ornament is of sufficient importance to make it desirable to bear the direct touch of the modelling artist he can retouch each piece after it is turned out of the mold.

Terra cotta is usually made in blocks from 24 to 30 inches long, from 6 to 12 inches deep and of a height determined by the character of the work. To save material and prevent warping, the blocks are formed of an outer shell, connected and braced by partitions about 1½ inches thick. The partitions should be so arranged so that the spaces do not exceed 6 inches, and should have numerous holes in them to form clinches for the mortar and brickwork used for filling.

The Surface of Terra Cotta.

The body of all good terra cotta is very much the same, but there are several ways of treating the surface, resulting in products which may be classified as follows: Standard terra cotta, vitreous surface terra cotta, mat-glazed terra cotta, full-glazed terra cotta and polychrome terra cotta. Standard terra cotta has no surface given it, which affects its porosity, a drop of water placed upon it being soon absorbed; it will absorb, also, a great amount of dirt from the atmosphere, and will become very much darker from continual exposure. On some buildings this weathering down is not objectionable; in fact it sometimes lends a charm, producing an antique appearance, which is often very desirable from an artistic point of view. Some one has said that "time is the greatest artist," and, therefore, when it is desired to produce an aged effect, standard terra cotta should be used. It is, consequently, a good material to use for rustic work in connection with country houses, college buildings, gateways, and center styles of churches. This class of material is made in any color desired.

Vitreous surface terra cotta has a very thin spray of the surface which vitrifies in the burning process, forming a thin glaze which sheds water. This terra cotta will not absorb much dirt from the atmosphere, as the rain of each storm washes it off. It therefore practically retains its original color. This class of material is made in any color desired and is used more than any other kind at the present time, as it seems to satisfy the greatest number of requirements.

In western cities where soft coal is used, and where, consequently, most buildings are cleaned frequently, any material of a non-porous nature is very desirable, and it has been found that glazed terra cotta ranks with the most superior materials in this respect. On this account white glazed terra cotta is used to a great extent in these cities. The luster of the glaze is deemed for artistic reasons, the glare of the sunlight on full glazed terra cotta being very severe. This is now done in the process of burning, as it has been found that sand blasting the material neutralizes the purpose of the

glaze. This method has, therefore, long been abandoned by the leading manufacturers. There are many examples of buildings constructed of this material in the west and the most notable example in the east is the Plaza Hotel, New York.

For light courts, loggias to office buildings, theatres, interiors of railway stations, train sheds and power houses the full glazed terra cotta is preferable, as it helps illumination and gives a more brilliant effect.

The full glazed terra cotta and mat-glazed terra cotta are made in any color required, and when various colors are used on the same buildings, the material is termed polychrome. The various colors may be applied to the same piece if desired, or each separate color may be kept on a separate piece, if the design will permit.

Color of Terra Cotta.

Within the past twenty years a great impetus has been given to the production of special colors in architectural clay products. In 1885 fully four-fifths of the terra cotta produced in the United States was red. Now there is less of red used than of almost any other color. Buffs and greys of several shades, white and cream-white are now the prevailing colors. By the use of ceramic colors almost any required tone may be produced, and the effect obtained by using glazed terra cotta of various colors in combination, such as blue, yellow, white, purple, brown, old gold green or red is often very beautiful. If any particular shade of color not included in the manufacturer's standard samples is desired, the architect should consult with the manufacturer, who will then experiment until the required color is not only produced, but guaranteed to be permanent and free from all tendency to crack. It is generally agreed that there is a great field for the polychrome terra cotta, especially for theatres, restaurants, and buildings of a similar nature, for interiors, loggias, fountains and department stores.

Although the art of using colored terra cotta is very ancient, having been in practice before the Christian era, it is, to some extent, an undeveloped field in this country and offers alluring possibilities in architectural design and construction. It can be used in a very modest and sparing way as well as very profusely; and either in soft tints or in brilliant colors, as the taste of the architect may dictate. Where a rich decorative treatment is required, as in the interiors of public buildings, like our great stations, hotels and theatres, polychrome terra cotta can be employed most effectively and economically. In variety and beauty of tones, terra cotta has now reached a very high standard of excellence, and may be used by the architect to express the highest type of his art. The almost unlimited possibilities presented by the judicious application of colored glazes for exteriors as well as for interiors, has awakened an unusual interest in the use of polychrome terra cotta, a building material with superior qualities of resistance against the deteriorating effects of time and of the action of fire and frost.

Terra cotta is not imitation stone and should not be used as such. It is a material having peculiar qualities which give a distinctive character, and therefore, to be successfully used,

it should be employed in such a way that it will appear as an imitation of, or as a cheap substitute for, some more expensive material. This may be brought about in several ways. There may be used certain forms and certain styles or ornament more characteristic of terra cotta than of any other material.

One architect has evolved a certain style that he has applied to many buildings, and which is not suitable to any material other than terra cotta. This may be said of both the form and ornamentation of his buildings. The architects of the Flatiron building and of the Wanamaker building, in New York, have successfully used this material for its own sake and not as an imitation. Another firm of architects have used profusely modelled terra cotta to produce highly ornamental effects not so easily obtainable in other materials, and their recent use of colored terra cotta is typical of this material alone. In the West Street building, New York, the architect has made a design distinctly expressive of the material used. This is noticeable in the ornamentation, in the form of cornices and molding, in the coloring and even in the plain shaft of the building. In the Brooklyn Academy of Music the architects have accomplished this result by the use of color.

In regard to the use of terra cotta, it has been said that it is by the use of polychrome terra cotta that the material has its best opportunity for expressing its individual character. It was so in antiquity, in the Middle Ages, and is so at the present time, because polychrome terra cotta is a material complete in itself, and used for its own sake. It cannot by any means be considered an imitation of, nor a substitute for, something better.

Durability of Terra Cotta.

The principal value of terra cotta lies in its durability. When made of the right materials and properly burned it is impervious to water, or nearly so. When glazed, it is absolutely impervious, and hence not subject to the disintegrating action of

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frost, which is a powerful agent in the destruction of stone. It does not "vegetate," as is the case with many stones. The ordinary acid gases contained in the atmosphere of cities have no effect upon it, and the dust which gathers on the moldings is washed away by every rainfall. Underburned terra cotta does not possess these qualities to so high a degree, as it is more or less absorbent. Another great advantage possessed by terra cotta is its resistance to heat, which makes it a most desirable material for the trimmings and ornamental work in the walls of fireproof buildings. Although terra cotta has been used in this country for but a comparatively short time, it has thus far proved very satisfactory, and the characteristics above indicated would point to its ranking, in common with the better qualities of brick, with the most desirable of building materials.

Inspection and Methods of Setting.

A sharp metallic, bell-like ring and a clean, close fracture are good proofs of compactness and strength. Perfection of form is in the highest degree essential, and can result only from a homogeneous material and a thorough and experienced knowledge of firing.

No spalled, chipped or warped pieces of terra cotta should be accepted, and the pieces should be so hard that they will resist the scratching with the point of a knife. The blocks should be of uniform color also, and all mouldings should come together perfectly at the joints. Terra cotta with a vitreous surface and mat-glazed terra cotta should be so non-absorbent that water will lie in drops on its surface without being quickly absorbed. Full glazed terra cotta should be so non-absorbent that ink will not penetrate the surface, and may be entirely washed away with water.

Terra cotta should always be set in either natural cement or Portland cement, mixed with sand, and in about the same way as stone is set. As soon as set, the outside of the joints should be raked out to a depth of three-quarters of an inch to allow for pointing and to prevent chipping. The terra cotta should be built up in advance of the backing, one course at a time, and all voids, except those projecting beyond the face of the wall, should be filled with grout or mortar, into which bricks should be forced to make the work as solid as possible. All blocks not solidly built into the walls should be anchored with galvanized iron clamps, the same as for stonework, and, as a rule, all projecting members over 6 inches in height should be anchored in this way. After the walls are up the joints should be pointed with Portland cement colored with a mineral pigment to correspond with the color of the terra cotta. The pointing is done in the same way as in stone work, except that the horizontal joints in all sills and washes of belt courses and cornices, unless covered with a roll, should be raked out about two inches deep, caulked with oakum for about one inch and then filled with an elastic cement.

Disadvantages and Cost of Terra Cotta.

One of the principal objections to the use of terra cotta is the time required to obtain it, especially when the building is some distance from the factory. About six weeks are required for the production of terra cotta of the ordinary kind, and the architect should see that all the drawings for the terra cotta work are completed and delivered to the maker at as early a stage in the work as possible, so that he may have ample time to produce it. This will obviate any delay if the architect's drawings and instructions are clear, distinct and complete, as it takes longer to obtain the steel construction work than it does to make the terra cotta. Most of the delay in obtaining terra cotta is really due to the fact that prompt and careful attention is not always given to the preparation of the terra cotta drawings and instructions. Small pieces of terra cotta may sometimes be obtained within two weeks from the receipt of the order, when the molds are already on hand. It is always more expensive, however, to attempt to turn out work in such short order, and inexpedient on account of the risks in forcing the drying.

Terra cotta is generally less expensive than stone, and ornamental work costs in stone about three times as much as it does in terra cotta. Being lighter in weight, the freight charges are less. In large buildings the use of terra cotta reduces the cost of the steel construction, because when it is used on the exterior the steel may be

about one-third smaller and lighter, thereby reducing the cost proportionately. This saving is an important item in large structures. The cost of erecting terra cotta is less than that of erecting stone, two stories of an all terra cotta exterior being sometimes put in place in the same time that it takes to set one story of stone. The advantage in point of cost in favor of terra cotta is greatly increased if there be a large proportion of molded work, and especially if the moldings are enriched. The use of terra cotta for trimmings, and especially for heavy cornices, in place of stone, often reduces the cost of the walls and foundations, as the weight of the terra cotta will be much less than that of stone, and the walls and foundations may be made lighter in consequence.

Weight and Strength and Tests.

The weight of terra cotta in solid blocks averages 122 pounds per cubic foot. When made in hollow blocks $1\frac{1}{2}$ inches thick, the weight varies

from 65 to 85 pounds per cubic foot, the smaller pieces weighing the most. For pieces 12 by 18 inches or larger on the face, 70 pounds per cubic foot should be a fair average. The crushing strength of terra cotta blocks in 2-inch cubes varies from 5,000 to 7,000 pounds per square inch. Hollow blocks of terra cotta, one foot high, unfilled, have sustained 186 tons per square foot. From these and other tests it would place the safe working strength of terra cotta blocks in the wall at 5 tons per square foot when unfilled, and at 10 tons per square foot when filled solid with brickwork or concrete. If it is desired to test the strength of special pieces, two or three small pieces should be broken from the blocks and ground to 1-inch cubes, and then tested in a machine. Should the average results fall much below 6,000 pounds the material should be rejected.

From Western Canada Contractor.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$60,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, M. S. Shaw. The building will be erected on the south side of O'Farrell street east of Van Ness avenue, having a frontage of 52 feet and a depth of 120 feet. There will be a total of 40 suites of two and three rooms. Interior will be finished in pine with elm panels and hardwood floors. Plans provide for steam heat, elevator service, a hot water system and hardwood floors. Wall beds are specified. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$35,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Fred H. Green. The building will be erected on the south side of O'Farrell street west of Hyde, covering an area of 40 by 60 feet. There will be 23 suites of two and three rooms with private baths. Interior finish will be of pine with hardwood floors and elm panels. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with Medusa cement and Monterey sand. Plans are complete and subfigures are now being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaughy. The building will be erected on the north side of Army street east of Mission, and has been designed to contain 12 suites of three and four rooms. It will have a frontage of 58 feet and a depth of 61½ feet. Interior will be finished in pine and redwood. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile

wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded in a day or two.

SAN FRANCISCO—Apartment house, 3 story and base, frame and brick, \$21,500. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, James Reiter. The building will be erected at the northwest corner of Fulton and Franklin streets, covering an area of 55 by 62 feet. There will be a total of 18 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick veneer. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$30,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Louis Lee. The building will be erected on the south side of Geary street between Polk and Larkin streets, having a frontage of 27½ feet and a depth of 120 feet. Plans show twelve suites of four rooms each. Interiors will be finished in pine and elm with some hardwood floors. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and composition floors. Marble and tile wainscot will be used in the entrance lobby. Exterior of the building will be faced with tapestry brick. Plans are now being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$7,500. Architect, none. Owner, H. H. McDonald, 278 38th street, Oakland. The building has been designed to contain sixteen rooms arranged in four-room suites and will be erected on Terrace

street north of Ridgeway. Interior finish will be of pine with some elm or blue gum panels and oak floors. There will be an open fire place in each living room. Mantels will be of tile. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Apartment house, 3 story and base, brick, \$54,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected in Central Oakland and will contain a large number of two and three room suites with wall beds and private baths. Interior will be finished in pine and hardwood veneer with hardwood floors in the principal rooms. There will be steam heat, hot water supply and vacuum cleaning system. Bath rooms will be finished in tile with composition floors. Entrance and lobby will have marble wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame and brick, \$20,000. Architect, William Wilde, Albany Bldg., Oakland. Owner, R. Pozzi. The building will be erected at the corner of 23rd and Harrison Boulevard, and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick and cement plaster. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 5 story and base. Class C construction, \$60,000. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, D. Clinton. The building will be erected at the southwest corner of Stockton and California streets, and will cover a considerable ground area. There will be a number of two and three room suites with wall beds and private bath rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior will be finished in pine with hardwood veneer and oak floors. Bath rooms will be finished in tile with composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete.

PORTLAND, ORE.—Apartment house, 4 story and base, brick and steel, \$85,000. Architects, Camp & Dupuy, 26 East Alder street, Portland. Owner, C. W. Pallett. The building will be erected at the northwest corner of 18th and East streets, covering an area of 100 by 150 feet. There will be a large number of three and four room suites arranged around an open court, 45 by 90 feet. Interior finish will be of pine with hardwood veneer and floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick. All apartments will have wall beds and private bath rooms.

The wainscot and composition floors will be used in the bath rooms. Plans are complete and figures are being taken.

SEATTLE, WASH.—Apartment house, 5 story and base, brick and steel, \$70,000. Architect, W. P. White. Transportation Bldg., Seattle. Owners, Seneca Investment Co. The building will be erected at the corner of 8th avenue and Seneca street, covering an area of 60 by 116 feet. There will be a total of 50 apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interior will be finished in pine and hardwood veneer with oak floors in the living rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$35,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Kincannon. The building will be erected on the south side of Bush street between Polk and Van Ness avenue, covering an area of 27½ by 120 feet. There will be twenty apartments of two and three rooms. Interior will be finished in pine and hardwood veneer. Plans provide for steam heat, elevator service and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with tapestry brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$50,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, J. Forrest Wyman, 1559 Hayes street, S. F. The building will be erected on the west side of Taylor street 100 feet south of Sutter. The building will contain a number of two and three room suites with private baths and wall beds. Interior will be finished in pine with some hardwood floors and panels. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with brick. Plans are complete and in the hands of the owner who will let segregated contracts.

Contracts awarded.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$120,000. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Traders Realty Co. tractor, G. P. W. Jensen, 320 Market street, S. F. general construction. Contract price, \$120,000. Note: Sub-figures are now being taken on all parts of this work.

BANKS.

FRESNO, FRESNO CO., CAL.—Bank and Trust building, 1 story and base, Class A construction, \$100,000. Architect, George William Kelham, Sharon Bldg., San Francisco. Owners, represented by S. N. Griffith, Fresno. The building will be erected on J street near Mariposa, and will cover an area of 50 by 100 feet. The design will be in the classic style and construction

will be fireproof throughout. A complete steel frame, reinforced walls, floors and roof slabs will be used. Interior will be finished in metal trim, marble and hardwood. There will be steam heat, special fireproof vaults and ornamental bronze and plaster. Exterior of the building will be faced with granite and marble. Plans are now being prepared.

BONDS.

TURLOCK, Stanislaus Co., Cal.—At a meeting of the Turlock City Council an ordinance was introduced calling an election for September 1st, at which time there will be submitted to the voters the proposition of bonding the city for \$16,000 for the purpose of purchasing and parking Block No. 6. This action was taken in pursuance of the recent order of the State Railroad Commission for the new Southern Pacific Depot to be erected here provided the city would purchase the property and maintain it as a public park.

COLUSA, Colusa Co., Cal.—Sealed bids will be received by the Board of Supervisors until August 4th for the sale of \$125,000 State Highway bonds. Bids must be accompanied by a cash deposit or certified check payable to the Clerk of the Board of Supervisors, amounting to 5 per cent of the amount bid. W. J. King is the Clerk of the Board.

DINUBA, Tulare Co., Cal.—The movement to secure an amendment to the state through an initiative petition, to place on the ballot at the November election, for the purpose of providing for the purchase of irrigation district bonds by the state through the issuance of state bonds, has been called in. The movement was abandoned at the meeting of the committee from the Irrigation District Association of Modesto.

AUBURN, Placer Co., Cal.—Terrance Marshal & Company of San Francisco has purchased the school bonds of the Auburn and Roseville School Districts. The Auburn bonds, amounting to \$47,000, brought a premium of \$101, and the Roseville bonds, amounting to \$45,000, brought a premium of \$1.

NEWARK, Alameda Co., Cal.—An election was held in the Newark School District on July 21st for the purpose of voting bonds in the sum of \$25,000 for the purpose of raising funds for the erection of a school building, the purchasing of additional grounds and supplying the necessary equipment for the same.

HANFORD, Kings Co., Cal.—A bond issue for \$675,000 is expected to be submitted to the voters of this city at an early date. No particular time has been set. The funds will be used in the construction of highways and roads.

MONROE SCHOOL DISTRICT, Sonoma Co., Cal.—An election will be held here on July 30th for the purpose of voting bonds in the sum of \$3,900, the money to be used in the erection of a school building, for improving the school grounds and the supplying of same with the necessary apparatus.

PINER SCHOOL DISTRICT, Sonoma Co., Cal.—July 25th is the date set for the voting of bonds amounting to \$1,500, funds to be used in the altering of a school building.

NAPA, Napa Co., Cal.—Despite the fact that some of the bids from seven bond houses offered cash premiums to handle \$25,000 worth of bonds voted

here last December for the construction of a bridge on East First street, the City Trustees have voted to reject them all. The building of the bridge now remains a conjecture. No reason for the rejection of the bids has been made public, as yet, the decision having been arrived at a secret session of the Board.

HENDERSON SCHOOL DISTRICT, San Joaquin Co., Cal.—Sealed bids will be received here by the County Clerk until August 4th, for the purchase of bonds in the sum of \$4,500. No bond will be sold less than par value and accrued interest. Eugene D. Graham is the Clerk of the County.

SACRAMENTO, Cal.—Bids are now being received in this city for the sale of bonds in the following amounts: Levee, \$163,999; water mains, \$1,310,500; sewer and drainage, \$831,400; Hall of Justice, \$208,000; electrical distribution system, \$104,000.

MONTAGUE, Siskiyou Co., Cal.—School bonds amounting to \$12,000 were voted on here Monday, July 13th, and carried by a large majority. There were 104 votes cast in favor of the issue and only 19 against. As a result of the vote a new school building will be erected on the site where the old building now stands. A few weeks ago a bond election was held here for the same purpose, except that the bonds amounted to \$15,000, but was defeated.

RED BLUFF, Glenn Co., Cal.—S. W. Murdock of this city has purchased the Cherokee School District bonds through the Board of Supervisors of this county. The bonds are for \$7,000. Murdock paid \$101 premium and accrued interest.

PASADENA, Los Angeles Co., Cal.—The members of the City Commission have agreed to call a bond election for the purpose of bettering the fire protection in this city. An election will, no doubt, be called sometime in August. Propositions to be included in the issue will be a cast iron pipe system through the business district and for the erection of a fire house.

SIX JULY 16 HOYT

LOS ANGELES, Los Angeles Co., Cal.—The Board of Supervisors of Los Angeles County will receive bids until July 27th for the purchase of bonds amounting to \$50,000 for the erection of a school building in the Morningside School District. Bonds will be fifty in number of \$1,000 each, and will pay 5½ per cent interest per annum. H. J. Le Lande is the County Clerk.

ONTARIO, San Bernardino Co., Cal. A committee has been appointed by the Mayor from the City Council of Upland, has reported, recommending that a mass meeting be called at an early date to consider the bond issue of \$40,000 for the purpose of providing funds for the erection of a new city hall, street maintenance and the purchase of fire apparatus.

BRIDGES AND DAMS.

RICHMOND, CONTRA COSTA CO., CAL.—Harbor dredging. Cost not stated. Engineer, City Engineer Posey, Richmond. Owners, City of Richmond. Bids opened for this work show the Western Reclamation Co. low at \$1,975 and the Cutting Interests second at \$6,000. An award of contract has not been made.

SACRAMENTO, CAL.—Wharf, timber construction, \$2,500. Engineer, Engineering Dept. Associated Oil Co.,

Sharon Bldg., S. F. Owners, Associated Oil Co. Plans are complete and the work has been started by Day Labor on the construction of timber wharf on the westerly side of S street in the P. A. Miller tract. Details can be secured from the owners.

CHURCHES.

HOME OF PEACE CEMETERY, SAN MATEO CO., CAL.—Mausoleum, 1 story, concrete and granite. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, J. J. Mack. The mausoleum has been designed in the classic style, and will be circular in shape with a number of large granite columns hand carved. Interior will be arranged for eight receptacles. Marble and Carrara stone will be used for interior finish. There will be a large amount of ornamental bronze, iron and art glass. Exterior will be faced with granite and marble. Plans are being prepared.

FRUITVALE, ALAMEDA CO., CAL.—Mausoleum, 1 story, granite. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owners, Estate of P. Calou. The mausoleum has been designed in the classic style and will contain eight receptacles. There will be modern plumbing and electric work. Interior will be finished in marble. There will be ornamental bronze and are glass. Exterior will be faced with marble and granite. Plans will be ready for figures in a few days.

COURT HOUSES.

PORT ANGELES, WASH.—Court house, 2 story and base, brick and reinforced concrete. \$75,000. Architect, Francis W. Grant, Melhorn Bldg., Seattle. Owners, Clallam County. The building will cover an area of 70 by 100 feet, and has been designed to contain the county jail as well as the various county offices, court rooms and supervisors' chambers. Interior will be finished in pine with some hardwood. There will be steam heat, a clock system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and separate bids are now being taken for the general construction, heating and ventilating, plumbing, electric work, jail work and clock system. Bids will be opened on August 1st.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Factory, 2 story, tower and base. Class A construction, \$60,000. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Ghibardelli Chocolate Works. The building will be erected on property adjoining the present factory buildings on North Point street east of Van Ness avenue, and will cover a considerable ground area. Construction will be of the Class A type throughout, with complete steel frame and brick and terra cotta exterior walls. Interior will be finished in pine. There will be fireproof interior partitions and metal window sash and frames. Plans are now being prepared.

SAN FRANCISCO—Municipal shop, 2 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and

County of San Francisco. The Board of Supervisors has instructed the Advisory Architects to prepare plans for a Municipal Shop building for the Fire Department. This building will be erected on Golden Gate avenue east of Hyde street. No details of construction has as yet been settled. Further mention will be made of the work.

SACRAMENTO, CAL.—Warehouse, 1 story and base, terra cotta tile, \$6,000. Architect, none. Owners, California Almond Growers' Exchange, People's Bank Bldg., Sacramento. The building will be erected on C street between 18th and 19th streets, and will cover a considerable ground area. Interior will be finished in pine and plaster. There will be modern electric work and plumbing. Exterior will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

LOS ANGELES, CAL.—Warehouse, 5 story and base. Class A construction, \$60,000. Architect, George F. Costerlisan and J. F. Kavanaugh, California Bldg., L. A. Owners, Dixon Art Glass Co. The building will be erected at the northeast corner of Griffith avenue and 31st street, covering an area of 80 by 140 feet. Construction will be fireproof throughout with reinforced concrete walls and floors, metal window sash and frames and fireproof interior partitions. Interior finish will be of pine throughout. There will be elevator service, hot water system and hardwood finish in the office. Exterior of the building will be faced with cement plaster. Plans are complete and work will be done by Day Labor and subcontract.

Contracts Awarded.

PORTLAND, ORE.—Warehouse, 2 story and base, brick, \$17,000. Architects, Emil Schaecht & Son, Commonwealth Bldg., Portland. Owner C. Henry Labbe. Contractors, Brayton Engineering Co., Pittock Bldg., Portland. Contract price, \$17,000.

FIRE HOUSES.

SAN FRANCISCO—Jail work, gas ranges, etc. Cost not stated. Architect, none. Owners, City and County of San Francisco. Bids will be opened on July 27th by the Board of Supervisors for furnishing a number of gas ranges for the new City and County Jail. Complete information can be secured from the Clerk of the Board of Supervisors, Temporary City Hall Bldg.

Contracts Awarded.

RED BLUFF, TEHAMA CO., CAL.—Jail, 2 story and base, brick, \$30,000. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Contractor, R. W. Moller, San Francisco, general construction. Contract price, \$30,000. Note: All bids for the steel cell work and jail furnishings were rejected and new bids will be called.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, W. L. Schmolle, 166 Geary street, S. F. Owner, J. Sommers. The building will be erected on 5th avenue in the Richmond District, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be an open fire place in each living room.

Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, none. Owners, Ruegg Bros., 719 Pacific Bldg., S. F. The building will be erected on the east side of 3rd avenue north of Balboa street, and will cover an area of 25 by 65 feet. There will be four flats of four rooms each. Interior finish will be of pine throughout with hardwood floors in the living and dining rooms. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Tile wainscot will be used in the kitchens. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, John J. Binet Co., 68 Ramona avenue, S. F. The building will be erected on the west side of Guerrero, south of 19th street, and has been designed to contain two flats of five rooms each. Interiors will be finished in pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Alice Thompson, care F. Stephenson Bros., Franklin street, Sacramento. The building will be erected on 23rd street north, and will contain two modern flats of four and five rooms. Interior will be finished in pine with some redwood. There will be oak floors in the living and dining rooms. Open fire places are specified and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Flat, 2 story and base, brick, \$5,000. Architect, W. F. Bowan, Fresno. Owner, C. J. Krieger. The building will be erected at the corner of Tuolumne and F streets, covering an area of 40 by 60 feet. There will be a store on the first floor and one modern six-room flat on the upper floor. Interior will be finished in pine. There will be an open fire place in the living room. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architects, Oser Bros., 165 Post street, S. F. Owner, L. Salomon. The building will be on the east side of 8th avenue north of California street, covering an area of 25 by 65½ feet, and will contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement

plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architect, O. E. Evans, 2367 Mission street, S. P. Owner, David Condon. The building will be erected at the northeast corner of Cabrillo and 14th avenue, covering an area of 27 by 7½ feet, and has been designed to contain six modern flats of four, five and six rooms. Interior will be finished in pine with some elm panels and hardwood floors. There will be open fire places with tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath with a pressed brick veneer base. Plans are complete and the work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Reclamation Work.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with the Winston Bros., of Minneapolis, Minn., for earth work on the main canal of the Grand Valley Irrigation Project, Colorado. The work involving 30 miles of canal, requiring 1,900,000 cubic yards of excavation. The contract price is \$387,483.25.

Huntley Project, Drains.

The Secretary of the Interior has authorized the Reclamation Service to reject all bids opened on April 27 for the construction of tile drains in connection with the Huntley irrigation project, Mont. The prices quoted by the various bidders were believed to be excessive, and in the meantime informal proposals were received from local contractors for parts of the work. Schedules 2 and 3 have been completed by the government forces at about two-thirds of the estimated cost and the secretary has therefore authorized the engineers to readvertise for bids on schedules 1 and 4.

Astoria, Ore., Hydraulic Lift.

The contract for installing a hydraulic freight lift, pumping plant, etc., in the U. S. custom house, Astoria, Ore., has been awarded to the Otis Elevator Co., Washington, D. C., at \$5,072; less \$1,023 for the construction changes included; time to complete October 1, 1914.

Fort Worden, Building.

The following awards have been made by the quartermaster general for constructing building at Fort Worden, Wash.: Four brick sets officers' quarters, Eckman & Mawatt, Seattle, Wash., construction, \$22,965; plumbing, \$2,474; heating, \$2,000; wiring and fixtures, \$800. Two frame double sets N. C. O. quarters, Carlson & Son, Seattle, Wash., construction, \$8,686; heating, \$480; wiring and fixtures, \$760. Horby & White, Port Townsend, Wash., plumbing, \$985. Crane Co. fixtures are to be used in both buildings.

Vandalla South Canal.

The Secretary of the Interior has authorized the Reclamation Service to accept the following proposals for excavation and construction in connection with the Vandalla south canal, Milk River irrigation project, Mont.:

Schedule 1 to Tebbs, Taggart, Judgens & Kulpe, of Glasgow, Mont., involving 135,000 cubic yards of excavation, contract price \$19,408.10.

Schedule 2 to Threft Bros. & Jolley, of Lovell, Wyo., involving about 10,200 cubic yards of excavation, the placing of 18,000 pounds reinforcing steel, also erecting structural steel and metal flumes, laying vitrified pipe, corrugated iron, the furnishing of 135,000 feet B. M. of lumber for bridges and turnouts, driving piles, etc. The contract price is \$13,850.75.

No award will be made under this authorization until assurances are received that there is no outstanding interest by lease or otherwise for certain state lands on which part of the work is to be done that will prevent the United States from entering into possession of right of way and prosecuting work thereon.

Letterman Hospital, Refrigeration.

The Cyclops Iron Works of San Francisco, Cal., has the contract at \$4,080 for installing refrigerating machinery at the Letterman General Hospital, San Francisco.

Letterman Hospital, Oil System.

The contract for extending the oil heating system at the general hospital, San Francisco, Cal., has been awarded to Johnson & Co., at \$1,484.

Pueblo, Colo., Repairs, Etc.

The contract for miscellaneous repairs, etc., at the U. S. post office, Pueblo, Colo., has been awarded to Raymond C. Whitlock, Pueblo, Colo., at \$740; time, September 16, 1914.

Structural Gate.

The United States Reclamation Service is asking for proposals for furnishing structural steel and cast-iron sluice and regulator gates, gate frames, gate stands and accessories for projects in the northern division. Bids will be opened after 2 o'clock p. m. August 4, 1914, at the office of the Reclamation Service, Great Falls, Mont.

San Francisco, Cal., Interior Decoration.

The contract for interior decoration and painting at the U. S. custom house, San Francisco, Cal., has been awarded to A. Lincoln Co., 627 Madison avenue, New York City, at \$10,000.

Canal Requisitions.

The following requisitions for supplies for the Panama Canal have been received by the general purchasing officer at Washington. Bids will be called for in the ordinary course within the next few days:

- 5,000 sheets cardboard.
- 1,000 rts onionskin.
- 1,400 ft multi-conductor train cable.
- 50 angle bars.
- 4 multi-stage centrifugal pumps.
- 6 15-in diam cast-iron suction pipes.
- 3 12-in do.
- 12 cast-iron nipples.
- 2 cast-iron reducers.
- 2 reducing elbs.
- 3 venturi meters.
- 2,500 ft galvanized pipe conduit.
- 72 conduit bushings.
- 36 lock nuts.
- 16 brass check valves.
- 20 ft bar copper.
- 4,500 ft 3-conductor No. 8 rubber-insulated lead-covered cable.
- 16 fuse panels.
- 6 insulators.
- 2 roof bushings.

9,000 gals carbolic acid
135,000 lbs resin.
21,300 lbs caustic soda.

Earthwork.

The following bids were received at the U. S. Reclamation Service, Grand Junction, Colo., for earthwork on 30 miles of main canal, Grand Valley project, Colo.:

- Bid 1. Winston Bros., Minneapolis, Minn.
 - 2. Wood, Bancroft & Doty, Omaha, Neb.
 - 3. Reynolds-Ely Construction Co., Springfield, Utah.
 - 4. Utah Construction Co., Ogden, Utah.
 - 5. Fred M. Crane, Omaha, Neb.
 - 6. Kenefick-Hoffman & Quigley, Kansas City, Mo.
 - 7. Maurice A. Wogan, Denver, Colo.
 - 8. McArthur Bros. Co., New York City.
 - 9. Charles Withite & Co., Boise, Idaho.
 - 10. Lamereaux Bros. Co., Omaha, Neb.
 - 11. J. Fred Roberts Construction Co., Denver, Colo.
 - 12. W. M. Gibson, Grand Junction, Colo.
 - 13. Mendeball, Straw & Bird Construction Co., Springfield, Utah.
 - 14. Summison & Smart, Springfield, Utah.
 - 15. Kipatrick Bros., Beatrice, Neb.
 - 16. The Orman Construction Co., Pueblo, Colo.
 - 17. Harvey H. Nickerson, Douglas, Wyo.
 - 18. Thorn & Vining, Springfield, Utah.
 - 19. John Mulligan, Los Angeles, Cal.
- Schedule No. 1.—Bid 1, \$15,455.25; 2, \$11,029; 3, \$11,666; 4, \$12,853.75; 5, \$11,111.50; 6, \$12,168.75; 7, \$12,516.75; 8, \$14,953; 9, \$13,874.50.

Denver, Colo., Mechanical Equipment.

The contract for the installation of mechanical equipment in the U. S. public building at Denver, Colo., has been awarded to the Chris Irving Plumbing and Heating Co., Denver, Colo., at \$107,934.

St. Mary's Canal.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with Condon & Williams of So. Omaha, Neb., for construction work on the St. Mary Canal, St. Mary storage unit, Milk River irrigation project, Mont. The contract price is \$159,489.40.

—HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Municipal auditorium, 2 story and base. Class A construction, \$1,000,000. Architect, J. J. Donovan and Walter Matthews, Oakland. Owners, City of Oakland. The Oakland Municipal Auditorium Advisory Board has recommended that bids be called for at once for the following work in connection with the completion of the Municipal Auditorium: Painting, finish hardware, elevator equipment, plastering and lathing, curtain holds and seats. An official proposal will be published shortly.

OAKLAND, CAL.—Auditorium work. Class A construction, \$1,000,000. Architects, J. J. Donovan and Walter Matthews, Oakland. Owners, City of Oakland. Bids were opened on July 15th by the City Council for the car-

penetry and mill work, heating and ventilating, roofing, plumbing, and gas fitting, automatic sprinklers, damp-proofing, architectural iron work, sheet metal work and skylights and for the glass and glazing. A large number of bids were received, which will be found under the heading of Oakland and Alameda County in this issue.

LA GRANDE, ORE.—Lodge hall, 3 story and base, brick and steel, \$80,000. Architects, Houghtaling & Coughlin, Henry Bldg., Portland. Owners, La Grande Elks' Hall Association. The building will be erected on a corner lot covering an area of 60 by 100 feet. There will be a number of stores on the first floor and lodge rooms, offices and banquet rooms above. Interior will be faced with pressed brick. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Association building, 3 or 4 story and base, brick and steel, \$100,000. Architect, William Binder, Rea Bldg., San Jose. Owners, Young Women's Christian Association. A site has been secured and preliminary plans have been prepared for a suitable building. Details of construction have not been completed and further mention will be made of the work as the plans progress.

HOSPITALS

Contracts Awarded.

TACOMA, WASH.—Hospital, 4 story and base. Class A construction, \$200,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Tacoma General Hospital. Contractor, J. E. Bennell, 760 Commerce street, Tacoma. Contract price, \$200,000.

HOTELS.

SAN FRANCISCO—Hotel and stores, 5 story and base. Class C construction, \$100,000. Architect, William H. Crim, Jr., 425 Kearny street. S. F. Owner, I. I. Dehail, Los Angeles. The building will be erected at the corner of 12th and Market streets, covering a large ground area. There will be ten stores besides the hotel lobby and entrance on the first floor. Upper floors will contain in the neighborhood of 160 guest rooms, a large per cent of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SALEM, ORE.—Hotel, 2 story and base, brick, \$20,000. Architect, Fred A. Legg, Salem. Owner, George F. Rogers. The building will cover an area of 75 by 166 feet, and has been designed for stores on the first floor besides the hotel office, lobby and dining room. There will be in the neighborhood of 60 guest rooms on the second floor. Interior finish will be of pine and hardwood. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel hardware, 7 story and base. Class C construction. Architect, G. B. Ashcroft, Balboa

Bldg., S. F. Owners, C. A. Hooper Estate. Bids are now being taken for the finish hardware for the seven story hotel building being erected on O'Farrell street. Full particulars can be secured from the architect.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 2 story and base, reinforced concrete, \$20,000. Architects, Whitehouse & Foulhouse, Wilcox Bldg., Portland. Owners, A. and C. Feldenhelmer. Contractors, Palmer & Ellison, Henry Bldg., Portland. Contract price, \$20,000.

PASADENA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, frame and plaster, \$200,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Maryland Hotel Co. Contractor, John L. Connor, 435 31st street, L. A. Contract price, \$200,000.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete or brick. Cost not stated. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Ghirardelli Chocolate Co. The building will be erected on North Point street near Van Ness and adjoining the other buildings of the present factory group. Construction will be fireproof throughout with concrete floor and fireproof interior partitions. Interior will be finished in pine. Metal window sash and frames are specified. Special gasoline storage tanks will be used. Exterior of the building will probably be faced with brick and terra cotta. Plans are now being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit building, 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, State of New York. Bids opened on July 17th for completing the New York State Exhibit building at the Panama-Pacific International Exposition show Foster-Vogt Co. of San Francisco low at \$73,479. They qualified their bid by placing the day of completion at December 1st, but the commissioners want the building completed by October 15th. What bearing this will have on the award cannot be stated.

SAN FRANCISCO—Landscape gardening. Cost not stated. Architect's name not given. Owners, State of New York. Plans have been completed for the landscape work which is to be done on the grounds surrounding the New York state exhibit building. Bids are now being taken for this work and will be opened on July 22nd. Plans and specifications can be secured from the New York State Commissioners at the Exposition Grounds. An official proposal appears in another column of this issue.

SAN FRANCISCO—State Exhibit building electric work. Cost not stated. Architect's name not given. Owners, State of New York. Bids are now being called for and will be opened on July 22nd for additional electric work at the New York State Building. Plans and specifications can be secured from the New York State Commission at the New York State Building on the Exposition Grounds. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—Cuban Exhibit building, 2 story, frame and plaster, \$50,000. Architect's name not given. Owners, Cuban Government. Contractors, Flemming & Sarsi, San Francisco. Contract price, \$50,000.

SAN FRANCISCO—Argentine building, 1 and 2 story, frame and plaster. Cost not stated. Architect, M. Semilosa, First National Bank Bldg., S. F. Owners, Argentine Republic. Contractors, Boyle-Robertson Con. Co., Washington, D. C., represented by William B. Upton, San Francisco. Contract price not stated.

POST OFFICES.

Contracts Awarded.

VANCOUVER, B. C.—Post office, 3 story and base, brick and steel, \$86,827. Architect's name not given. Owners, Canadian Government. Contractors, Whiteside & Williamson, Vancouver, B. C. Contract price, \$86,827.

RAILROAD CONST., STATIONS AND EQUIPMENT.

LOS ANGELES, CAL.—Freight shed, 1 story and base, reinforced concrete, \$195,000. Engineer, Chief Engineer G. W. Harris, Kerschoff Bldg., L. A. Owners, Santa Fe Railroad Co. The building will be erected on Santa Fe avenue near the present passenger station, and will cover a ground area of 800 by 60 feet. Construction will be fireproof throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

WALLA, WALLA, WASH.—Railroad station, 1 and 2 story and base, brick, \$10,000. Engineer, Engineering Dept., Northern Pacific R. R. Co. Owners, Northern Pacific Railway Co. Contractor, M. J. Hurson, Globe Bldg., Seattle. Contract price, \$10,000.

RESIDENCES.

SAN FRANCISCO—Residences, 5, 1 story and base, frame, \$1,500 each. Architect, none. Owner, C. S. Allred, 150 Onondago avenue, S. F. These dwellings will be erected on the north side of Cayuga street just east of Onondago avenue, and have been designed to contain four room. Interiors will be finished in pine. An automatic water heater will be installed in each. Brick or tile mantels will be used. Tile wainscot will be used in the baths and kitchens. Plans have been completed and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$2,500 each. Architect, none. Owners, Co-operative Building Society, 441 26th avenue, S. F. These dwellings will be erected on 45th avenue near Cabrillo, and will contain seven rooms with bath. Interiors will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. There will also be hardwood paneling in the dining rooms. An automatic water heater will be installed in each. Exteriors will be covered with cement plaster with a brick veneer base. The work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect,

none. Owner, E. Gihley, 131 5th avenue. The building will be erected on 15th avenue south of Clement street, and will contain eight rooms. Interior will be finished in pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Baths will have the wainscot and composition floors. Materials are now being purchased and the work will be done by Day Labor.

SAN FRANCISCO—Residence 2 story and base, frame, \$20,000. Architect, A. E. Hertz, Ward & Loomis, Alameda Commercial Bldg., S. F. Owner, George P. Fuller. The building will be erected on Vallejo street between Webster and Fillmore streets, and will cover a considerable ground area. There will be in the neighborhood of fourteen rooms, several baths and a private garage on the rear of the lot. Interior will be finished in pine. There will be inlaid and hardwood floors. Baths will be finished in tile and equipped with showers. A central heating system either steam or hot water with oil burning plant, will be installed. Exterior of the building will be covered with plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence 2 story and base, concrete, \$10,000. Architect, Chas. J. Rousseau, 16 Kearny street, S. F. Owner, Mathew Little. The building will be erected on Green street west of Divisadero, and will contain eight rooms with baths, and will cover an area of 27 by 137 1/2 feet. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Baths will be finished in tile. There will be furnace heat and open fire places. Exterior of the building will be finished in cement plaster. The mantels are specified. Plans are now being prepared.

SAN FRANCISCO—Residence 2 story and base, frame, \$2,000. Architect, none. Owner, Fred Quire, 13 Garden avenue, S. F. The dwelling will be erected on 30th avenue south of Clement street, and has been designed to contain seven rooms with bath. Interior will be finished in pine. An automatic water heater will be installed. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Exterior of the building will be covered with cement plaster on metal lath. Plans have been completed and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence 2 story and base, frame, \$2,500 and \$2,500 respectively. Architect, none. Owners, J. Nelson, 30 Presidio Terrace, S. F. These two houses will be erected at the corner of Carl and Hilway streets. The \$2,500 house will contain five rooms and the \$500 dwelling seven rooms. Interiors will be finished in pine and hardwood with hardwood floors in the living dining and recreation rooms. The more expensive house will have furnace heat. There will be open fire places and tile mantels. Bathrooms will be finished in tile. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence 2 story and base, frame, \$8,500. Architect, Arthur J. Laib, Russ Bldg., S. F. Owner, Leon Wertheimer. The dwelling

will be erected on Commercial avenue between Geary and Third streets, and has been designed to contain three rooms two of which are bedrooms. The interior will be finished in pine with hardwood floors. The principal rooms. There will be furnace heat and open fire places. Baths will be of tile or brick. The owner will have the wainscot and composition floors. Water will be piped into the house. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence 2 story and base, frame, \$10,000. Architect, none. Owner, Thomas H. Hays, 201 25th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on the corner south of Anza street. Interior will be of pine with some elm floors and hardwood floors. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. L. Olson. The dwelling has been designed for a seven-room house and will be erected on Santa Ray avenue. Interior will be finished in pine and hardwood veneer with hardwood floors in the living room, dining room and kitchen. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Residence 2 story and base, frame, \$10,000. Architect, John H. Hays, 201 25th avenue, S. F. The dwelling will be erected on Lake Street, and has been designed for an eight-room house with bath and sleeping porch. The exterior finish will be of tile and composition floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence 2 story and base, frame, \$4,500. Architect, none. Owner, Mrs. Hunter. The dwelling will be erected on Woodside street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Plans are now being prepared for a two-story residence on Lake Street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Residence 2 story and base, frame, \$4,500. Architect, none. Owner, Mrs. Hunter. The dwelling will be erected on Woodside street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Residence 2 story and base, frame, \$4,500. Architect, none. Owner, Mrs. Hunter. The dwelling will be erected on Woodside street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Residence 2 story and base, frame, \$4,500. Architect, none. Owner, Mrs. Hunter. The dwelling will be erected on Woodside street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

OAKLAND, CAL.—Residence 2 story and base, frame, \$4,500. Architect, none. Owner, Mrs. Hunter. The dwelling will be erected on Woodside street, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures will be submitted shortly.

uum cleaning. Exterior of both the house and garage will be covered with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame and plaster, \$12,000. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner's name withheld. The building will be erected on Lake street west of 19th avenue, and has been designed to contain ten rooms, three baths and sleeping porch. Interior finish will be of pine with hardwood veneer and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Residence, 2 story and base, brick, \$20,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, Albert Rhodes. Contractor, Harvey Allen, 1420 John street, Seattle. Contract price, \$20,000.

SCHOOLS.

KENTFIELD, MARIN CO., CAL.—School, 1 story and base, frame and plaster, \$12,000. Architect, Edwin Schaefer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building will be designed in the Mission style and will contain four class rooms. Interior will be finished in pine throughout with some oak floors. Plans provide for a warm air system of heating. Modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are now being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—School, 2 story and base, brick or reinforced concrete, \$52,000. Architects, Stone & Wright, 24 So. California street, Stockton. Owners, City of Richmond. These architects have just been commissioned to prepare plans for the new school building which will be erected at the corner of 23rd and Main streets. Plans will be drawn for a twelve-room school with a large auditorium. There will be steam heat, oil burning plant, vacuum cleaning and program clocks. Interior will be finished in pine with maple floors. Exterior will be faced with either pressed brick or cement plaster. Further mention will be made of the work as plans progress.

PITTSBURG, CONTRA COSTA CO., CAL.—School, 2 story and base, brick and concrete, \$52,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg Union High School District. Bids opened on July 15th for this work show L. G. Burgen & Son of San Francisco low on the general construction at \$67,480, and Selbert Co. low on the heating and ventilating at \$5,524. All bids were in excess of the amount available and will be rejected. Plans will be revised and new figures called for shortly.

VAN NUYS, LOS ANGELES CO., CAL.—School, 2 story and base, hollow tile construction, \$125,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Van Nuys School District. The building will cover an area of 214 by 40 feet and has been arranged with a central building and two wings. The

central portion will contain an auditorium and gymnasium. Wings will be arranged for six class rooms, principal's office, teachers' rooms, lecture room, department of domestic science and manual training and agriculture. Auditorium with gallery will seat 900 people. Plans provide for steam heat, modern school plumbing and program clocks. Interior will be finished in pine with maple floors in the class rooms. There will be reinforced concrete stairways and corridors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

EUGENE, ORE.—School, 3 story and base, brick, \$104,000. Architects, Hunzicker & Preusse, 1. O. O. F. Bldg., Eugene. Owners, Eugene High School District. The building will contain ten class rooms, domestic science and manual training departments, teachers' rooms, principal's office and a large auditorium. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and modern school plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on July 29th. Plans and specifications can be secured from the architects.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Furnishing street cleaning machinery. Cost not stated. Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Board of Supervisors on July 27th for furnishing the city with 1 5-ton road roller, 1 pick-up street cleaning machine, 4 machine brooms and 3 can route wagons. Full particulars can be secured from the Clerk of the Board of Supervisors, Temporary City Hall. An official proposal appears in another column of this issue.

SAN FRANCISCO—Furnishing lumber. Cost not stated. Architect, none. Owners, City and County of San Francisco. Bids will be opened on July 27th by the Board of Supervisors for furnishing the city with lumber for the fiscal year year ending June 30th, 1915. Full particulars can be secured from the Clerk of the Board of Public Works, Temporary City Hall. An official proposal appears in another column of this issue.

STORES.

SAN FRANCISCO—Stores, 1 story, frame, \$3,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, Paul Barbieri, 1400 Jones street, S. F. The building will be erected at the southwest corner of Geary and 20th avenue, covering an area of 70 by 53 feet. There will be pine interior finish and patent store fronts. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Offices, 3 story and base, brick and steel. Cost not stated. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, San Francisco & Oakland Terminal Railroad. Construction of the frame of this building is now underway. The architects are now taking figures for finish carpentry, electric work, mill work, marble and tile work, laathing and plastering.

THEATRES.

SAN FRANCISCO—Theatre balcony, reinforced concrete, \$7,000. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owners, Empress Theatre Co. Plans for a large balcony to be installed in the theatre are complete. Construction will be of reinforced concrete. Plans are in the hands of the owners and bids will be taken at once. Sid Grauman, 965 Market street will give further information.

SAN FRANCISCO—Motion picture theatre, 1 story, frame and plaster, \$10,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name not given. The building will be erected on Devisadero street. Interior will be finished in pine and ornamental plaster. There will be a modern ventilating system and special electric work. Exterior will be covered with cement plaster on metal lath. Plans are complete and a contract will be awarded at once.

BERKELEY, ALAMEDA CO., CAL.—Motion picture theatre, 1 story. Class C construction, \$12,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Elston and George Clark. The building will be erected at the corner of Durant Way and Telegraph avenue. Interior will be finished in pine with considerable ornamental plaster. A special system of ventilating will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

PASADENA, LOS ANGELES CO., CAL.—Theatre and stores, 1 story and base, reinforced concrete, \$80,000. Architect, Reginald D. Johnson, Staats Bldg., Pasadena. Owners, Pasadena Theatre Co. The building will be erected just west of the Casa Grande Hotel near Colorado avenue. There will be a number of stores besides the theatre. Construction will be fireproof with reinforced concrete walls and floors. Fireproof interior partitions will be used. Interior of the building will be finished in pine with ornamental plaster in the theatre. Steam heat and a modern system of ventilating will be installed. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC COMMISSION, STATE OF NEW YORK.

SEALED BIDS will be received at the office on the site of the New York State Building on the Panama-Pacific Exposition Grounds until 12 o'clock, noon, Wednesday, July 22nd, 1914 for Additional Electric Work for the New York State Building on the Panama-Pacific Exposition Grounds, San Francisco. Specifications, drawings and blueprints may be obtained at the office on the site of the building on the Exposition Grounds.

NORMAN E. MACK, Chairman.
JOHN R. YALE, Vice-Chairman
WILLIAM LEARY, Asst. Secretary

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC COMMISSION, STATE OF NEW YORK.

SEALED BIDS will be received at the office on the site of the New York State Building on the Panama-Pacific Exposition Grounds until 12 o'clock, State Building on the Panama-Pacific

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

noon, Wednesday, July 22nd, 1914 for
underpinning work for the New York
State building on the Panama-Pacific
Exposition Grounds, San Francisco.
Specifications, drawings and bid blanks
may be obtained at the office on the
site of the building on the Exposition
Grounds.

NOELMAN E. MACK, Chairman.
JOHN R. YALE, Vice-Chairman.
WILLIAM LEARY, Asst. Secretary

PROPOSALS INVITED FOR GAS RANGES FOR COUNTY JAIL.

PROPOSALS FOR FURNISHING
and installing gas ranges in the County
Jail will be opened by the Board of
Supervisors July 27, 1914.

Proposal blanks on application,
J. S. DUNNIGAN, Clerk.

PROPOSALS INVITED FOR FURNISHING LUMBER.

PROPOSALS FOR FURNISHING
lumber during the remainder of the
fiscal year ending June 30, 1915, to the
City and County of San Francisco, will
be opened by the Board of Supervisors,
July 27, 1914.

Proposal blanks on application,
J. S. DUNNIGAN, Clerk.

PROPOSALS INVITED FOR STREET REPAIRING AND STREET CLEAN- ING EQUIPMENT.

PROPOSALS WILL BE RECEIVED
by the Board of Supervisors July 27,
1914, for furnishing:

One 5-ton road roller.
One suck-up street cleaning machine.
Four machine brooms.
Three can route wagons as per city
sample.

Proposal blanks on application,
J. S. DUNNIGAN, Clerk.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 861—Proposals
for Material in Two 4000-Volt Sub-
stations at Darien and Gamboa, In-
cluding Transformers, Switches,
Lightning Arresters, Switch Panels,
Annunciators, Fittings, Etc., and
other material to be received at the office
of the general purchasing officer, the
Panama Canal, Washington, D. C.,
until 10:30 a. m. August 5, 1914, at
which time they will be opened in pub-
lic or the offices of the assistant purchas-
ing agent 1036 North Point street, San
Francisco, Cal.; also from the U. S. en-
gineer's office in the following cities:
Seattle, Wash.; Los Angeles, Cal. F. C.
BOGGS, major, corps of engineers, U.
S. army, general purchasing officer.

PROPOSALS FOR BRIDGE CON- STRUCTION.

BRIDGE—Department of the Interior,
U. S. Reclamation Service, Wash-
ington, D. C.—Sealed proposals will be
received at the office of the United
States Reclamation Service, Boise,
Idaho, until 2 o'clock p. m. July 30,
1914, for furnishing material and erecting
one 96-foot span steel highway
bridge over the spillway channel, Arrow-
rock Dam, Boise Project, Idaho. For
particulars address the United
States Reclamation Service, Washing-
ton D. C., or Boise, Idaho, F. H.
NEWELL, Director.

PROPOSALS FOR LOCK MACHINERY.

LOCK MACHINERY—U. S. Engineer
Office Burke Building, Seattle, Wash.
Sealed proposals for machinery and
valves for Lake Washington canal
locks will be received at this office
until 12 m. August 10, 1914, and then

publicly opened. Information on ap-
plication at engineer's office, Seattle,
Wash. J. E. CAVANAUGH, major, en-
gineers.

PROPOSALS FOR PAINTING.

PAINTING AND REPAIRS—U. S.
Post Office, Fresno, Cal. Custodian's
Office.—Sealed proposals will be re-
ceived at this office until — m.,
1914, and then opened for repairs and
painting at this building, in accord-
ance with drawings and specifications,
copies of which may be obtained upon
application. Custodian.

PROPOSALS FOR WOOD STAVE PIPE.

WOOD STAVE PIPE—Department of
the Interior, U. S. Reclamation Service,
Washington, D. C.—Sealed proposals
will be received at the office of the
United States Reclamation Service, 519
Conway Building, Denver, Colo.,
until 2 o'clock p. m. July 30, 1914, for
the construction of approximately
1,750 lin ft of 60-in, 8560 lin ft of 32-
in, and 2,406 lin ft of 24-in diameter
continuous wood stave pipe for the
Belle Fourche project, S. Dak.; the Un-
compahgre Valley project, Colo., and
the North Platte project, Neb., re-
spectively. For particulars address the
United States Reclamation Service,
Washington, D. C., or Denver, Colo. F.
H. NEWELL, director.

PROPOSALS FOR STEEL GATES.

STEEL GATES—Department of the
Interior, U. S. Reclamation Service,
Washington, D. C.—Sealed proposals
will be received at the office of the U.
S. Reclamation Service, Great Falls,
Mont., until 2 o'clock p. m. August 4,
1914, for furnishing structural steel
and cast iron sluice and regulator
gates, gate frames, gate staves, and
accessories for projects in the north-
ern division. For particulars address
the U. S. Reclamation Service, Wash-
ington, D. C., or Great Falls, Mont. F.
H. NEWELL, Director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 860—Lumber,
Crescented Ties, Copper Tubing, Bolts,
Washers, Galvanized Wire, Chisels,
Cable Clips, Twist Drills, Files, Pipe
Dies, Hack-saw Blades, Ratchet Braces,
Vices, Buckets, Portable Forges, Grind-
stones, Tackle Blocks, Paint Brushes,
Poundry Brushes, Butchers' Blocks,
Water Coolers, Marine Cloths, Hose,
Boiler Lagging, Magnesia Pipe Cover-
ing, Emery Paper, and Crayons.—
Sealed proposals will be received at
the office of the general purchasing
officer, the Panama Canal, Washington,
D. C., until 10:30 a. m. July 24, 1914, at
which time they will be opened in pub-
lic for furnishing the above mentioned
articles. Blanks and general infor-
mation relating to this circular (No. 860)
may be obtained from this office or the
office of the assistant purchasing agent,
1036 North Point street, San Francisco,
Cal.; also from the U. S. engineer's
offices in the following cities: Seattle,
Wash.; Los Angeles, Cal. F. C. BOGGS
major, corps engineers, U. S. A., general
purchasing officer.

PROPOSALS.

OFFICE OF THE BOARD OF PUB-
lic Works of the City and County of
San Francisco.

Sealed proposals will be received at
this office between the hours of 2
o'clock a. m. and 3 o'clock p. m. on
Wednesday, the 10th day of August,
1914, for doing the following work, in-
cluding the furnishing of the necessary
labor and materials therefor, to wit:
The construction of a tunnel and an
underpass under Twin Peaks in the
City and County of San Francisco.

Progressive payments will be made.

Said work must be done in accord-
ance with the specifications on file in
the office of the Board of Public Works,
to which reference is hereby made,
and must be commenced within fifteen
(15) calendar days and completed with-
in six hundred (600) calendar days
from the date of the contract to be
made and entered into therefor.

The amount of bond for faithful per-
formance of contract has been fixed at
\$500,000.00.

All proposals offered must be accom-
panied by a check certified by a re-
sponsible bank, payable to the order of
the Clerk of the Supervisors, for an
amount not less than ten per cent of
the aggregate of the proposal.

Printed proposal forms will be fur-
nished gratuitously upon application at
the office of the City Engineer, and all
proposals must be made upon such
forms.

PROPOSALS FOR STEEL PIPES.

STEEL PIPES—Department of the
Interior, U. S. Reclamation Service,
Washington, D. C.—Sealed proposals
will be received at the office of the
United States Reclamation Service, Los
Angeles, Cal., until 2 o'clock p. m. July
22, 1914, for furnishing material and
erecting river steel pipes, for the
Milk River project, Montana. For par-
ticulars address U. S. Reclamation
Service, 605 Federal Building, Los An-
geles, Cal., or Washington, D. C. F. H.
NEWELL, director.

PROPOSALS WANTED FOR FURNI- TURE AND EQUIPMENT FOR NEW CITY MOIGUE AND CORONER'S OFFICE.

SEALED proposals for furniture and
equipment required will be opened in
open session of the Board of Super-
visors on July 27, 1914, at 2 p. m.

Proposals furnished on application.
J. S. DUNNIGAN, Clerk.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals in-
dorsed "Proposals for Erecting Five
Industrial Buildings" will be received
at the bureau of yards and docks, Navy
Department, Washington, D. C., until
11 o'clock a. m. August 15, 1914, and
then and there publicly opened, for
erecting five industrial buildings at the
United States naval station, Pearl Har-
bor, Hawaii. Plans and specifications
can be obtained on application to the
bureau or to the commandant of the
naval station named. H. R. STAN-
FORD, chief of bureau.

"PROPOSALS FOR EXCITER.

TURBINE EXCITER—Sealed propos-
als indorsed "Proposals for 40-Kilo-
watt Turbine-Driven Exciter" will be
received at the bureau of yards and
docks, Navy Department, Washington,
D. C., until 11 o'clock a. m. July 25,
1914, and then and there publicly opened,
for furnishing and installing one
40-kilowatt turbine-driven exciter in
the central power plant at the navy
yard, Puget Sound, Wash. Plans and
specifications can be obtained on ap-
plication to the bureau or to the com-
mandant of the naval station named. H.
R. STANFORD, chief of bureau.

PROPOSALS FOR BRIDGE.

BRIDGE—Department of the Interior,
U. S. Reclamation Service, Wash-
ington, D. C.—Sealed proposals will be
received at the office of the United
States Reclamation Service, Boise, Ida-
ho, until 2 o'clock p. m. July 22, 1914,
for furnishing all material and labor
for the construction of a highway
bridge, consisting of three 130-foot
steel truss spans and wooden trestle
approaches, at the south fork of the
Snake River, near Jackson, Wyo. For
particulars address the United
States Reclamation Service, Boise, Ida-
ho or Washington, D. C. F. H. NEW-
ELL, director.

PROPOSALS FOR WHARF.

WHARF—Sealed proposals indorsed
"Proposals for Wharf" will be re-
ceived at the bureau of yards and
docks, Navy Department, Washington,
D. C., until 11 o'clock a. m. July 22,
1914, and then and there publicly open-

ed, for a timber and pile wharf at the United States Naval coal depot, San Diego, Cal. Estimated cost, \$3,300. Plans and specifications are obtained on application to the Bureau or the commanding officer of the coal depot. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

BIDS will be received by the Board of Supervisors, County of Kern, State of California, up to 10 a. m. of July 25th, 1914, for the construction of a pile trestle bridge across the North Fork of Kern River at its mouth in County Road No. 215, direction 200 feet long, 20 feet wide, also a pile trestle bridge across branch channel of same stream near above bridge site. Dimensions 3 feet long, 20 feet wide. Plans and specifications at County Surveyor's Office.

Each bid to be accompanied with a certified check payable to the Chairman of the Board of Supervisors, to the amount of 10 per cent of amount of bid to insure the entering into of a contract by the successful bidder.

The Board reserves the right to reject any or all bids.

Additional Notice.

Lumber for the bridge can be secured from the A. Brown Co. of Kernville at the following rates:

\$23 per M. at the mill on Greenhorn Mountain.
\$30 per M. delivered at the bridge site.

By order of the Board of Supervisors of the County of Kern, State of California.

H. A. JASPERO, Chairman

Attest: I. L. MILLER, Clerk.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, July 30, 1914, for bids then and there to be publicly opened and read for furnishing all plans, materials, and labor, and doing the work required for the construction, erection and installation of the Elevator Work, California State Library, State Capitol Building, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted in forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

Reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Laundry Building, California State Hospital, Patton, California." (SIGNED) W. F. McClure, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, July 22nd, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Laundry, Southern California State Hospital, Patton, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted in forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

Reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Laundry Building, California State Hospital, Patton, California." (SIGNED) W. F. McClure, State Engineer. (*)

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office 405 Custom House, San Francisco, Cal. Sealed proposals for dredging San Joaquin River and Stockton Channel, Cal., will be received here until 10 a. m. July 25, 1914, and then publicly opened. Information on application. S. A. CHENEY, major, engineers.

street, S. F. Owner, John McConaughy. The building will be erected on the north side of Army street east of Mission, and has been designed to contain 12 suites of three and four rooms. It will have a frontage of 58 feet and a depth of 61½ feet. Interior will be finished in pine and redwood. All suites will have wall beds and private bath rooms. There will be steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded in a day or two.

APARTMENT HOUSE—3 story and base, frame and brick, \$21,500. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, James Reiter. The building will be erected at the northwest corner of Fulton and Franklin streets, covering an area of 55 by 62 feet. There will be a total of 18 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a pressed brick veneer. Plans are complete and figures are now being taken.

APARTMENT HOUSE—4 story and base, brick and steel, \$30,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Louis Lee. The building will be erected on the south side of Geary street between Polk and Larkin streets, having a frontage of 27½ feet and a depth of 120 feet. Plans show twelve suites of four rooms each. Interiors will be finished in pine and elm with some hardwood floors. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and composition floors. Marble and tile wainscot will be used in the entrance lobby. Exterior of the building will be faced with tapestry brick. Plans are now being prepared and when complete the work will be done by Day Labor.

JAIL WORK—Gas ranges, etc. Cost not stated. San Francisco. Architect, none. Owners, City and County of San Francisco. Bids will be opened on July 27th by the Board of Supervisors for furnishing a number of gas ranges for the new City and County Jail. Complete information can be secured from the Clerk of the Board of Supervisors. Temporary City Hall Bldg.

FACTORY—2 story, tower and base. Class A construction, \$60,000. San Francisco. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Ghirardelli Chocolate Works. The building will be erected on property adjoining the present factory buildings on North Point street east of Van Ness avenue, and will cover a considerable ground area. Construction will be of the class A type throughout with complete steel frame and brick and terra cotta exterior walls. Interior will be finished in pine. There will be fireproof interior partitions and metal window sash and frames. Plans are now being prepared.

MUNICIPAL SHOP—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame and brick, \$21,500. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, James Reiter. The building will be erected at the northwest corner of Fulton and Franklin streets, covering an area of 55 by 62 feet. There will be a total of 18 suites of two and three rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and oak floors. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a pressed brick veneer. Plans are complete and figures are now being taken.

APARTMENT HOUSE—4 story and base, brick and steel, \$30,000. San Francisco. Architects, Roussen & Roussen, Alameda Bldg., S. F. Owner, Fred H. Green. The building will be erected on the south side of O'Farrell street east of Hyde, covering an area of 40 by 120 feet. There will be 23 suites of three and four rooms with private baths. Interior finish will be of pine with hardwood floors and elm panels. There will be steam heat, elevator service and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with Medusa cement and Monterey sand. Plans are complete and subfigures are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny

Hall, S. F. Owners, City and County of San Francisco. The Board of Supervisors has instructed the Advisory Architects to prepare plans for a Municipal Shop building for the Fire Department. This building will be erected on Golden Gate avenue east of Hyde street. No details of construction has, as yet, been settled. Further mention will be made of the work.

FLATS—2 story and base, frame, \$6,000. San Francisco, Architect, W. L. Schmoller, 166 Geary street, S. F. Owner, J. Sommers. The building will be erected on 5th avenue in the Richmond District and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with some elm panels and hardwood floors. There will be an open fire place in each of the living rooms. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

FLATS—2 story and base, frame, \$6,000. San Francisco, Architect, none. Owners, Ruegg Bros., 719 Pacific Bldg., S. F. The building will be erected on the east side of 3rd avenue north of Balboa street, and will cover an area of 25 by 65 feet. There will be four flats of four rooms each. Interior finish will be of pine throughout with hardwood floors in the living and dining rooms. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms will have tile wainscot and composition floors. The wainscot will be used in the kitchens. Exterior of the building will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$4,000. San Francisco, Architect, none. Owners, John J. Binet Co., 68 Ramona avenue, S. F. The building will be erected on the west side of Guerrero, south of 19th street, and has been designed to contain two flats of five rooms each. Interiors will be finished in pine and redwood. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

HOTEL AND STORES—5 story and base. Class C construction, \$100,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, I. I. Dehail, Los Angeles. The building will be erected at the corner of 12th and Market streets, covering a large ground area. There will be ten stores besides the hotel lobby and entrance on the first floor. Upper floors will contain in the neighborhood of 160 guest rooms, a large per cent of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, a hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

GARAGE—2 story and base, reinforced concrete or brick. Cost not stated. San Francisco, Architect, Will-

iam Mosser, Nevada Bank Bldg., S. F. Owners, Ghirardelli Chocolate Co. The building will be erected on North Point street near Van Ness and adjoining the other buildings of the present factory group. Construction will be fire proof throughout with concrete floor and fireproof interior partitions. Interior will be finished in pine. Metal window sash and frames are specified. Special gasoline storage tanks will be used. Exterior of the building will probably be faced with pressed brick and terra cotta. Plans are now being prepared.

FURNISHING STREET CLEANING MACHINERY—Cost not stated. San Francisco, Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Board of Supervisors on July 27th for furnishing the city with 1 1/2-ton road roller, 1 pick-up street cleaning machine, 1 machine brooms and 3 can route wagons. Full particulars can be secured from the Clerk of the Board of Supervisors, Temporary City Hall. An official proposal appears in another column of this issue.

FURNISHING LUMBER—Cost not stated. San Francisco, Architect, none. Owners, City and County of San Francisco. Bids will be opened on July 27th by the Board of Supervisors for furnishing the city with lumber for the fiscal year ending June 30th, 1915. Full particulars can be secured from the Clerk of the Board of Public Works, Temporary City Hall. An official proposal appears in another column of this issue.

RESIDENCE—3 story and base, frame and plaster, \$30,000. San Francisco, Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, George P. Fuller. The building will be erected on Vallejo street between Webster and Fillmore streets, and will cover a considerable ground area. There will be in the neighborhood of fourteen rooms, several baths and a private garage on the rear of the lot. Interior will be finished in pine. There will be inlaid and hardwood floors. Baths will be finished in tile and equipped with showers. A central heating system, either steam or hot water with oil burning plant, will be installed. Exterior of the building will be covered with plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, concrete, \$10,000. San Francisco, Architect, Chas. J. Rousseau, 46 Kearny street, S. F. Owner, Mathew Little. The building will be erected on Green street west of Divisadero, and will contain eight rooms with baths, and will cover an area of 27 by 13 1/2 feet. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Baths will be finished in tile. There will be furnace heat and open fire places. Exterior of the building will be finished in cement plaster. 77 mantels are specified. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco, Architect, none. Owner, Fred Quivic, 32 Garden avenue, S. F. The dwelling will be erected on 39th avenue south of Clement street, and has been designed to contain seven rooms with bath. Interior will be finished in pine. An automatic water heater will be installed. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Exterior of

the building will be finished with concrete or brick. Plans are now being prepared. The work will be done by Day Labor. Materials are now being purchased.

HOUSE—1 1/2 story and base, frame, \$1,000. San Francisco, Architect, none. Owner, C. Alfred Van Dusen, 1000 S. F. These dwellings will be erected on the north side of 19th street just east of Omundago street, and have been designed to contain two rooms. Interiors will be finished in pine. An automatic water heater will be installed. Brick will be used in the walls and in the chimneys. The work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco, Architect, none. Owners, Cooperative Building Society, 141 6th avenue, S. F. These dwellings will be erected on 45th avenue near Carroll and will contain two rooms with bath. Interior will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. There will also be built-in cooking in the dining rooms. An automatic water heater will be installed in each. Interiors will be covered with cement plaster with a brick veneer base. The work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco, Architect, none. Owner, E. Gunley, 131 5th avenue. The building will be erected on 15th avenue south of Clement street and will contain eight rooms. Interior will be finished in pine with some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Baths will have tile wainscot and composition floors. Materials are now being purchased and the work will be done by Day Labor.

STATE EXHIBIT BUILDING—2 story, frame and plaster. Cost not stated. San Francisco, Architect's name not given. Owners, State of New York. Bids opened on July 17th for completing the New York State Exhibit building at the Panama-Pacific International Exposition show Foster-Vent Co. of San Francisco low at \$73,450. They qualified their bid by placing the day of completion at December 1st, but the commissioners want the building completed by October 15th. What saving this will have on the contract has not been stated.

APARTMENT HOUSE—5 story and base. Class C construction, \$60,000. San Francisco, Architect, G. A. Appleton, 1000 S. F. Owner, D. C. Carter. The building will be erected at the southwest corner of Stockton and California streets, and will cover a considerable ground area. There will be a number of two and three room suites with wall beds and private bath rooms. Plans provide for steam heat and cold or hot water supply. Interiors will be finished in pine with hardwood veneer and oak floors. Bath rooms will be finished in tile with composition floors. Marble and tile will be used in the lavatories. Exterior will be finished with pressed brick and terra cotta. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,500 and \$1,000. San Francisco, Architect, none. Owner, F. Nel-

son, 30 Presidio Terrace, S. F. These two houses will be erected at the corner of Carl and Millway streets. The \$2,500 house will contain five rooms and the \$5,000 dwelling seven rooms. Interiors will be finished in pine and hardwood with hardwood floors in the living, dining and reception rooms. The more expensive house will have furnace heat. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exteriors of the houses will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$8,500. San Francisco. Architect, Arthur J. Lath, Russ Bldg., S. F. Owner, Benj. Wertheimer. The dwelling will be erected on Commonwealth avenue between Geary and Euclid, and has been designed to contain eight rooms, two baths and a sleeping porch. Interior will be finished in pine throughout with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Thomas Hammill, 268 25th avenue, S. F. The dwelling has been designed for a seven-room house and will be erected on 20th avenue south of Anza street. Interior finish will be of pine with some elm panels and hardwood floors. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

LANDSCAPE GARDENING—Cost not stated. San Francisco. Architect's name not given. Owners, State of New York. Plans have been completed for the landscape work which is to be done on the grounds surrounding the New York State Exhibit building. Bids are now being taken for this work and will be opened on July 22nd. Plans and specifications can be secured from the New York State Commissioners at the New York State Building on the Exposition Grounds. An official proposal appears in another column of this issue.

STATE EXHIBIT BUILDING ELECTRIC WORK—Cost not stated. San Francisco. Architect's name not given. Owners, New York State. Bids are now being called for and will be opened on July 22nd for additional electric work at the New York State Building. Plans and specifications can be secured from the New York State Commission at the New York State Building on the Exposition Grounds. An official proposal appears in another column of this issue.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$35,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Kincannon. The building will be erected on the south side of Bush street between Polk and Van Ness avenue, covering an area of 27½ feet by 120 feet. There will be twenty apartments

of two and three rooms. Interior will be finished in pine and hardwood veneer. Plans provide for steam heat, elevator service and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with tapestry brick. Plans are being prepared.

APARTMENT HOUSE—5 story and base, brick and steel, \$50,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, J. Forrest Wyman, 1939 Hayes street, S. F. The building will be erected on the west side of Taylor street 100 feet south of Sutter. The building will contain a number of two and three room suites with private baths and wall beds. Interior will be finished in pine with some hardwood floors and panels. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will have tile wainscot and composition floors. Marble and tile will be used in the entrance. Exterior of the building will be faced with brick. Plans are complete and in the hands of the owner who will let segregated contracts.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architects, Osler Bros., 165 Post street, S. F. Owner, L. Salomon. The building will be erected on the east side of 8th avenue north of California street, covering an area of 25 by 68½ feet, and will contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels and oak floors. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$10,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, David Condon. The building will be erected at the northeast corner of Cabrillo and 4th avenue, covering an area of 27 by 76½ feet, and has been designed to contain six modern flats of four, five and six rooms. Interior will be finished in pine with some elm panels and hardwood floors. There will be open fire places with tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath with a pressed brick veneer base. Plans are complete and the work will be done by Day Labor.

HOTEL HARDWARE—7 story and base. Class C construction. San Francisco. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owners, C. A. Hopper Estate. Bids are now being taken for the finish hardware for the seven-story hotel building being erected on O'Farrell street. Full particulars can be secured from the architect.

RESIDENCE—2 story and base, frame and plaster, \$12,000. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner's name withheld. The building will be erected on Lake street west of 19th avenue and has been designed to contain ten rooms, three baths and sleeping porch. Interior finish will be of pine with

hardwood veneer and hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

STORES—1 story, frame, \$3,000. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, Paul Barbieri, 1400 Jones street, S. F. The building will be erected at the southwest corner of Geary and 20th avenue, covering an area of 70 by 53 feet. There will be pine interior finish and patent store fronts. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

THEATRE BALCONY—Reinforced concrete, \$7,000. San Francisco. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. Owners, Empress Theatre Co. Plans for a large new balcony to be installed in the theatre are complete. Construction will be of reinforced concrete. Plans are in the hands of the owners and bids will be taken at once. Sid Grauman, 965 Market street will give further information.

MOTION PICTURE THEATRE—1 story, frame and plaster, \$10,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name not given. The building will be erected Devisadero street. Interior will be finished in pine and ornamental plaster. There will be a modern ventilating system and special electric work. Exterior will be covered with cement plaster on metal lath. Plans are complete and a contract will be awarded at once.

Contracts Awarded.

APARTMENT HOUSE—6 story and base, brick and steel, \$120,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Traders Realty Co. Contractor, G. P. W. Jensen, 320 Market street, S. F., general construction. Contract price, \$120,000. Note: subfigures are now being taken on all parts of this work.

CUBAN EXHIBIT BUILDING—2 story, frame and plaster, \$50,000. San Francisco. Architect's name not given. Owners, Cuban Government. Contractors, Flemming & Sarsl, S. F. Contract price, \$50,000.

ARGENTINE BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect, M. Semillosa, First National Bank Bldg., S. F. Owners, Argentine Republic. Contractors, Boyle-Robertson Con. Co., Washington, D. C., represented by William B. Upton, San Francisco. Contract price not stated.

Bids For New York State Building.

Five Firms Bid on Completing Exhibit Building. Foster-Vogt Co. Low But No Award Is Made.

Five sets of figures were opened by the New York State Panama-Pacific Commissioners on July 17th for completing the State Exhibit Building at the Panama-Pacific International Exposition. All work is to be finished by

the 15th day of October. Foster-Vogt Company submitted the lowest figure at \$73,479, but qualified their bid by stating the time of completion as December 1st. An award of contract has been made. Following is a complete list of the bids:

Completion of New York Building.

Lange & Bergstrom.....	\$82,000
J. Brown, Inc.....	77,000
Ringrose & Son.....	77,500
Mahony Bros.....	80,500
Foster-Vogt.....	73,479

Building Contracts Awarded.**SAN FRANCISCO COUNTY.**

No.	Owner	Contractor	Amt.
2369	Nolan	Nolan	3500
2370	Liedtke	Liedtke	500
2371	Reinhold	Phoedovius	1000
2372	Brown	Brown	500
2373	Titus	Titus	1900
2374	Schwabacher	Signal	1000
2375	Batti	De Martini	450
2376	Karn	Karn	1200
2377	Stadtmiller	Beltch	400
2378	Bacchini	Bacchini	400
2379	Warwick	Warwick	400
2380	Romey	Marsden	400
2381	Crocker	Hinson	500
2382	Casey	Casey	1000
2383	Miller	Miller	400
2384	Mirkelbach	Nichols	700
2385	Burke	Burke	400
2386	Sloud	Daniels	450
2387	Dutton	Phillips	450
2388	Burke	Cuneo	4600
2389	Welch	Dunnivant	8500
2390	Engle	Koschitzky	7432
2391	Cliff Realty	Brady	44000
2392	Same	Floodberg	31000
2393	Same	Forderer	9087
2394	Same	Mangrum	15400
2395	P. P. B.	Progressive	23400
2396	Costello	Feerick	2500
2397	Nelson	Nelson	2500
2398	G & G Suit House	Owner	400
2399	Calbush	Costello	700
2400	Ozor	Ozor	400
2401	Von Staden	Von Staden	6000
2402	Riecks	Simards	2500
2403	Green	Green	3000
2404	Green	Green	3000
2405	Eisenbach	Owner	12000
2406	Benson	McKinnin	1250
2407	Brown	Brown	9000
2408	Hogue	Rudometer	1500
2409	Muller	Schwenker	1400
2410	Pennoyer	Gorierke	1500
2411	Magnin	Boyd	1255
2412	Westgate	Boyd	1000
2413	Zier	Harris	1800
2414	Allec	Schrader	2800
2415	Same	Am Con	1425
2416	Same	McGowan	1270
2417	Same	Carranza	1450
2418	Netherlands	Hill	2058
2419	Same	Larsen	43000
2420	Kissel	Carson	3840
2421	Pacific G & E Co. Pac Ext	1175	
2422	Glusto	Cuneo	2200
2423	Bishop	Dewar	24500
2424	Columbia Bldg.	Foster	3387
2425	Fremman Fund	Levensater	3600
2426	Same	Gen Elec	3100
2427	Same	Otis	4195
2428	Siemer	Madden	1910
2429	Hill	Kalsron	679
2430	Traders Bldg.	Jensen	53070
2431	Same	American Conc	6775
2432	Same	Pennell	12500
2433	Nelson	Nelson	2500
2434	Nelson	Nelson	2500
2435	Binet	Binet	3750
2436	Ruegg	Ruegg	5000
2437	Eschenhorst	Eschenhorst	1800
2438	Bessinger	Bessinger	400
2439	Kircher	Trost	500
2440	Cudahy	Hilp	500
2441	Rowden	Rowden	3000
2442	Delmonte	Delmonte	600
2443	Hamill	Hamill	3000
2444	Lewis	Lamont	3000
2445	Ginley	Ginley	3000
2446	Mollatt	Johnson	700
2447	Floesser	Arthur	400
2448	Homestead Realty	Grabb	1500
2449	Schwabacher	O'Neill	500
2450	Same	Hofmeister	500
2451	Co-Operative Bldg.	Owner	2500
2452	Braunewell	Owner	1900
2453	Ribbons	Weneard	4000
2454	Pierotti	Phillips	4000
2455	Pacific G & E Co. Decker	375	
2456	Same	Coleman	482
2457	Johnson	Johnson	4000
2458	Traders Bldg.	Nelson	4000
2459	Same	O'Mara	4100
2460	Same	Otis	4140
2461	Jaymot	Anderson	400

2462	Meyers	Yonenharson	400
2463	Salomon	Salomon	6200
2464	Cordon	Cordon	9000
2465	Wyman	Wyman	50000
2466	Wakelield	Gilchrist	900
2467	Same	Henderson	8956
2468	Dlandia	Marfel	7730
2469	O'Neill	Petersen	62299
2470	Katz	Holt	62299

(2369) E TWENTY-SECOND AVE 250 N Clement. Two-story and basement frame dwelling.
Owner.....M. F. Nolan, 228 Noc, S. F.
Architect...None.
Day's work. COST, \$3500

(2370) NO. 472 EDINBURGH. Add 3 rooms to dwelling.
Owner.....A. L. Liedtke, Premises.
Architect...None.
Day's work. COST, \$500

(2371) N DAY 105 W Castro. One-story and basement frame dwelling.
Owner.....D. O. Reinhold, Larkspur, California.
Architect...None.
Contractor...Frank Phoedovius, 523 Day San Francisco.
COST, \$1000

(2372) S LIEBERG, bet. Mission and San Jose Ave. One-story and basement frame dwelling.
Owner.....Gilbert Brown, 3050 San Jose Ave., San Francisco.
Architect...None.*
Day's work. COST, \$500

(2373) E OTSEGO 110 N Ocean Ave., One-story and basement frame dwlg.
Owner.....W. A. Titus, 302 Brazil Ave., San Francisco.
Architect...None.
Day's work. COST, \$1900

(2374) NO. 2000 GOUGH. Add rooms to present building.
Owner.....Mrs. T. S. Schwabacher, Premises.
Architect...None.
Contractor...J. W. Signal, 2222 Fillmore, San Francisco.
COST, \$1000

(2375) E CHURCH 50-6 N 29th. Minor changes on dwelling.
Owner.....Raphale and Julia Battl, 1681 Church, S. F.
Architect...None.
Contractor...Frank De Martini, 274 29th, San Francisco.
COST, \$450

(2376) E THIRTY-SIXTH AVE 225 S Geary. One-story and basement frame dwelling.
Owner.....J. Karn, 2786 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$1200

(2377) NO. 3235 PACIFIC. Add 2 rooms to dwelling.
Owner.....E. W. Stadtmiller, Premises.
Architect...W. Knowles, Hearst Bldg., San Francisco.
Contractor...E. C. Bleth, 1512 Buchanan, San Francisco.
COST, \$400

(2378) SW GILMAN 125 NW Ingalls. One-story and basement frame dwlg.
Owner.....A. Bacchini, 2299 Ingalls, San Francisco.
Architect...None.
Day's work. COST, \$400

(2379) N CABRILLO 32-6 E 26th Ave. One-story frame dwelling.

Owner.....William W. Warwick, 839 Lake, San Francisco.
Architect...None.
Day's work. COST, \$450

(2380) NO. 319 CLEMENT. Alter store. Carpenter work, glazing, mosaic work, painting and marble work.
Owner.....A. J. Romey, 633 Clayton, San Francisco.
Architect...None.
Contractor...J. W. Marsden, 1452 Haight San Francisco.
COST, \$400

(2381) NO. 634 MARKET. Minor changes on store.
Owner.....Crocker Estate Co., Crocker Bldg., San Francisco.
Architect...Chas. E. Frye, 20 Montgomery, San Francisco.
Contractor...L. A. Hinson, 180 Jessie, San Francisco.
COST, \$500

(2382) LOT 29, Ashbury Terrace. One story and basement frame dwelling.
Owner.....David Casey, 3970, 18th, San Francisco.
Architect...None.
Day's work. COST, \$1000

(2383) S ROTTECK 100 W Springdale. One and one-half-story frame shop.
Owner.....Wm. Miller, 49 Park, S. F.
Architect...None.
Day's work. COST, \$400

(2384) NOS. 1961-63 SUTTER. Repair fire damage.
Owner.....Wm. and Elizabeth Mirkelbach, Care 157 Sutter, S. F.
Architect...None.
Contractor...J. C. Nichols, Care 157 Sutter, San Francisco.
COST, \$700

(2385) N TWENTY-SECOND 95 W Folsom. Concrete foundation and floor.
Owner.....Jas. Burke, 1322 McAllister San Francisco.
Architect...None.
Day's work. COST, \$400

(2386) NO. 260 THIRD AVE. Raise cottage, concrete foundation rat-proof basement, plumbing, hardware, plaster and mill work.
Owner.....M. F. G. Sloud, Premises.
Architect...None.
Contractor...Daniels & Reese, 257 7th Ave., San Francisco.
COST, \$450

(2387) S ANZA 90 W 15th Ave. Minor alterations on dwelling.
Owner.....Jas. L. Dutton, 415 14th Ave., San Francisco.
Architect...None.
Contractor...J. H. Phillips, 228 23rd Ave., San Francisco.
COST, \$450

(2388) SE HARRISON 90 SW 6th SW 25th SE 75. All work for two-story and basement frame flats.
Owner.....John and Annie Burke.
Architect...None.
Contractor...Jno. P. Cuneo, 263 Capp, San Francisco.
Filed July 13, '14. Dated July 11, '14.

Frame up\$1150
Brown coated1150
Completed1150
Usual 35 days.....1150
TOTAL COST, \$4600

Bond, \$2300. Sureties, B. Melano and

A. C. ... Plans and specifications filed.

(2289) EXPOSITION GROUND. All work to complete. Owner... At hire... Contractor... Filed July 12, '14. Bond, none. Limit, Nov. 1, '14. Plans and specifications filed.

(2290) N FILBERT 137 W Leavenworth W 37-6x137-6 W Leavenworth 87-5 N Filbert N 109 W 37-6. All work except sate's work on driveway, plumbing and fixtures for installation and additions to residence.

Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, Nov. 1, '14. Plans and specifications filed.

(2291) SE GEARY AND TAYLOR S 137-6x87-6. Furnishing and laying face brick and backing, terra cotta partitions, architectural terra cotta, stone work, reinforcing steel for brick work, patent flues and all other brick and terra cotta work for 12-story and basement Class "A" hotel. Owner... Architect... Contractor... Filed July 12, '14. Bond, \$3716. Surety, National Surety Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2291) SE GEARY AND TAYLOR S 137-6x87-6. Furnishing and laying face brick and backing, terra cotta partitions, architectural terra cotta, stone work, reinforcing steel for brick work, patent flues and all other brick and terra cotta work for 12-story and basement Class "A" hotel. Owner... Architect... Contractor... Filed July 12, '14. Bond, \$22,000. Surety, The Aetna Accident & Liability Co. Limit, Oct. 15, '14. Forfeit, \$50. Plans and specifications filed.

(2292) INTERIOR AND EXTERIOR plastering on above.

Contractor... Filed July 12, '14. Bond, \$22,000. Surety, The Aetna Accident & Liability Co. Limit, Oct. 15, '14. Forfeit, \$50. Plans and specifications filed.

(2292) INTERIOR AND EXTERIOR plastering on above.

Contractor... Filed July 12, '14. Bond, \$15,500. Surety, N. W. E. G. Co. Casualty Co. Limit, Oct. 15, '14. Forfeit, \$50. Plans and specifications filed.

(2293) SHEET METAL WORK ON above.

Contractor... Filed July 12, '14. Bond, \$5545. Surety, National Surety

... Plans and specifications filed.

(2293) SHEET METAL WORK ON ABOVE. Contractor... Filed July 12, '14. Bond, \$5545. Surety, National Surety Co. Limit, Oct. 15, '14. Forfeit, \$50. Plans and specifications filed.

(2294) EXPOSITION SITE. Spraying and painting. Education and Industrial Liberal Arts, Agricultural, Mechanical and Varied Industries Building.

Owner... Contractor... Filed July 12, '14. Bond, \$10,000. Surety, F. Tilmann & Co. Limit, 90 days. Forfeit, \$100. Specifications only filed.

(2295) W SEVENTEENTH AVE 253-11 N Clement. Two-story and basement frame dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2296) E SIXTEENTH AVE 175 N California. Two-story and basement frame dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2297) NO. 1000 MARKET. Remove and replace glass windows. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2298) W SEVENTEENTH AVE 228 N Chicago. Raise dwelling, terrazzo floor. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2299) NO. 37 PRAGUE. Alter and add 2 rooms to dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2300) S O'FAIRRELL 22-11 E Leavenworth. Two-story brick market and bath. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2301) N 12 1/4 PH 27 1/2 W Madrid. Add on the half-story and basement frame dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

... Joseph Smards, 1539 Eddy San Francisco.

(2302) S O'FAIRRELL 75 W Hyde. Four-story and basement brick (23) tenements. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2303) S O'FAIRRELL 70 E Hyde. Concrete foundation for apartments. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2304) S SUTTER 72 E Jones. Story and basement brick store. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2305) W PARIS 200 N Russia. Story and basement frame dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2306) N SEA CLIFF, bet. N end 1 Avenue and the Pacific Ocean. TI story and basement frame residence. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

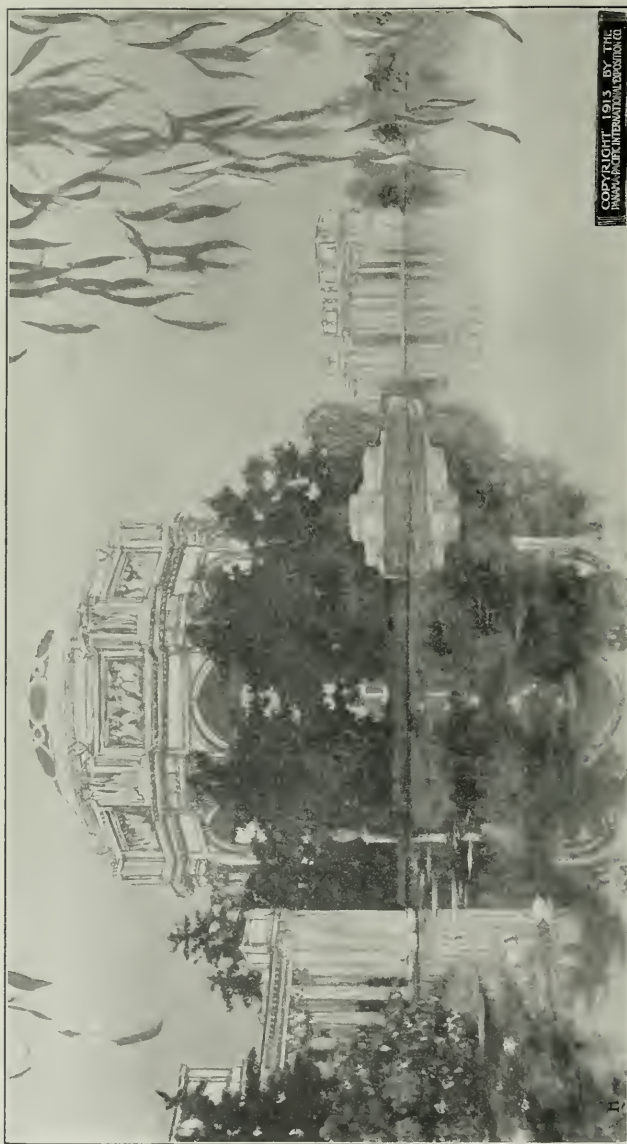
(2307) E KANSAS 75 S 20th. One-story and basement frame dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2308) NO. 112 SAN CARLOS AVE. Add 4 rooms to dwelling. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

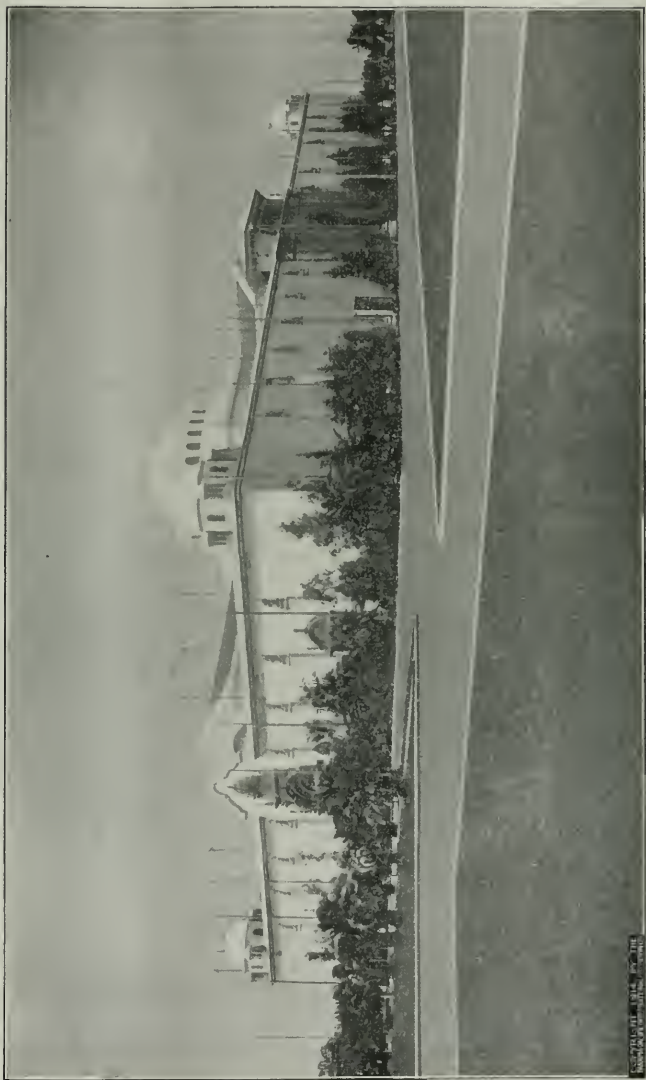
(2309) E SCOTT 157 S Union. Repairs and alterations to residence. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2310) N SUTTER 100 E Hyde. Repairs and alterations to flats. Owner... Architect... Contractor... Filed July 12, '14. Bond, none. Limit, none. Forfeit, none. Plans and specifications filed.

(2311) E SAN LEANDRO WAY 325 S St Francis Boulevard. Two-story and basement frame residence.



PALACE OF FINE ARTS AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION
San Francisco



PALACE OF VARIED INDUSTRIES AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION.
San Francisco

Owner, ..Wright, Pack & Co.,
Tos. F. Moson, 50 Post
San Francisco.
Architect, ..Henry H. Guttersen, 80
Post, San Francisco.
Contractor, ..Alson-McIndie Co., 80
Post, San Francisco.
COST, \$6000

(2413) NO. 2506 McALLISTER. Alter
repair and add to flats.
Owner, ..L. Zier, Premises.
Architect, ..None.
Contractor, ..H. Harris, Premises.
COST, \$1800

(2414) NO. 2118 POLSON. Steel work
and erection thereof for a two-story
steel frame and concrete tank house
building to be addition to present
dyeing and cleaning works.
Owner, ..John Allen, Premises.
Architect, ..Righetti & Headman, Pie-
lan Bldg., San Francisco.
Contractor, ..Schrader Iron Works, 1247
Harrison, San Francisco.
Filed July 14, '14. Dated July 11, '14.
Steel work fabricated and de-
livered on site, ..\$1600
Steel work completed & accepted, 500
Usual 35 days, ..700
TOTAL COST, \$2800
Bond, \$1100. Sureties, L. M. Zimmer-
man and Jno. E. Beck. Limit, 35 days.
Forfeit, \$10. Plans and specifications
filed.

(2415) CONCRETE REINFORCING
steel and excavating on above.
Contractor, ..American Concrete Co.
Filed July 14, '14. Dated July 11, '14.
Excavating and foundation work
done ready for setting steel
bases, ..\$334.25
Completed and accepted, ..734.25
Usual 35 days, ..356.50
TOTAL COST, \$1425.00
Bond, \$712.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 15
days after steel frame set. Forfeit, \$10.
Plans and specifications filed.

(2416) PILING AND DRIVING SAME
on above.
Contractor, ..McGowan & Butler, 180
Jessie, San Francisco.
Filed July 14, '14. Dated July 11, '14.
Completed and accepted, ..\$1027.50
Usual 35 days, ..212.50
TOTAL COST, \$1370.00
Bond, \$685. Surety, The Aetna Ac-
cident & Liability Co. Limit, 20 days.
Forfeit, \$10. Plans and specifications
filed.

(2417) CARPENTRY, ETC. on above.
Contractor, ..G. Carranza, 374 Shotwell,
San Francisco.
Filed July 14, '14. Dated July 11, '14.
Timber set and wire lath in
place, ..\$548.75
Completed and accepted, ..534.75
Usual 35 days, ..362.50
TOTAL COST, \$1450.00
Bond, none. Limit, 30 days. Forfeit,
\$10. Plans and specifications filed.

(2418) EXPOSITION SITE. Plumbing
and gas fitting for frame building.
Owner, ..Central Commission of the
Netherlands for the Pana-
ma-Pacific International
Exposition.
Architect, ..Ward & Blome, Alaska-
Commercial Bldg., S. F.
Contractor, ..The Hill Bros. Co., 702
Market, San Francisco.

(2419) EXCAVATION, GRADING,
concrete, steel, iron, carpenter, floors
windows, glass, doors, interior finish
hardware, tiling, lath and plaster,
etc., on above.

Contractor, ..Larsen-Sumps Co. Company,
Crocker Bldg., S. F.
Filed July 14, '14. Dated July 3, '14.
Payments same as above, ..
TOTAL COST, \$13,000
Bond, \$21,500. Surety, United States
Fidelity & Guaranty Co. Limit, 110
days. Forfeit, \$10. Plans and specifi-
cations filed.

(2420) N CALIFORNIA 32 W Larkin
W 27-6x87. Excavation, concrete,
brick carpenter, mill, stair, lath and
plaster, metal work, electric wiring,
plumbing, gas fitting, glazing, mar-
ble, roofing, hardware, etc., for three
story & basement frame apartments
owner, ..L. R. Kissel, 1823 Polk,
San Francisco.
Architect, ..Havens & Toepke, 46
Keany, San Francisco.
Contractor, ..Otto Carson & Co., 1461
Hyde, San Francisco.
Filed July 15, '14. Dated July 14, '14.
Rough frame up and building
enclosed, ..\$1845
Rough plumbing in and brown
coated, ..1845
Hard finished and standing finish
up, ..1845
Completed and accepted, ..1845
Usual 35 days, ..2460
TOTAL COST, \$9840
Bond, \$5000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 80
days. Forfeit, \$10. Plans and specifi-
cations filed.

(2421) S COMMERCIAL 60 E Mont-
gomery S 59-6x6 49-9. Ventilating
work for one-story Class "A" bldg.
Owner, ..Pacific Gas & Electric Co.,
415 Sutter, S. F.
Architect, ..Frederick H. Meyer, Bank-
ers' Invest Bldg., S. F.
Contractor, ..Pacific Fire Extinguisher
Co., 507 Montgomery, S. F.
Filed July 15, '14. Dated May 29, '14.
Payments on 1st of each month, 85%
Usual 35 days, ..25%
TOTAL COST, \$1175
Bond, \$587.50. Sureties, Burt L. and
Winfield S. Davis. Limit, 30 days after
brick work erected. Forfeit, none.
Plans and specifications filed.

(2422) E MISSION 350 S Italy Ave S
25xE 83-6 Ptn Blk 7 Excelsior Hd.
Ass'n. All work except concrete and
steel work for one-story and base-
ment frame building.
Owner, ..Antonio Giusio.
Architect, ..None.
Contractor, ..John P. Cuneo, 263 Capp,
San Francisco.
Filed July 15, '14. Dated July 14, '14.
Enclosed and roofed, ..\$550
Brown coated, ..550
Completed and accepted, ..550
Usual 35 days, ..550
TOTAL COST, \$2200
Bond, \$1400. Sureties, Joseph and An-
tonio Cuneo. Limit, 100 days after
completion of concrete foundations.

Contractor, ..Plans and specifications
filed.

(2423) S JACKSON 141 W Polk S
127-8 1/2 x W 95. All work for one-
story and basement Class "A" gar-
age.

Owner, ..Thomas B. Bishop Co., Cpn.
Care Architect.
Architect, ..O'Brien Bros., 519 Cali-
fornia, San Francisco.
Contractor, ..Robert Dewar & Son, 180
Jessie, San Francisco.
Filed July 15, '14. Dated July 15, '14.
On 10th of each month, ..75%
Usual 35 days, 25%, ..\$6125
TOTAL COST, \$24,500
Bond, \$12,250. Sureties, G. D. McGilvray
and M. F. Gale. Limit, 100 days. For-
feit, \$12. Plans and specifications filed.

(2424) W TAYLOR 137-6 N Sutter N
38-9xW 137-6. Excavation and con-
crete work for five-story and base-
ment Class "C" hotel building.
Owner, ..Columbia Realty Co.,
Crocker Bldg., S. F.
Architect, ..Edward T. Foulkes, Crock-
er Bldg., San Francisco.
Contractor, ..Poster-Vogt Co., Sharon
Bldg., San Francisco.
Filed July 16, '14. Dated July 15, '14.
Completed and accepted, ..75%
Usual 35 days, ..25%
TOTAL COST, \$3387
Bond, \$1693. Surety, Chicago Bonding
& Surety Co. Limit, 25 days. Forfeit,
none. Plans and specifications filed.

(2425) SW CALIFORNIA & SANSOME
S 87-6 E 87-S N 87-6. Furnishing and
erecting Crittall metal sash on Cali-
fornia and Sansome street fronts of
building.
Owner, ..Fireman's Fund Insurance
Co., Insurance Exchange
Bldg., San Francisco.
Architect, ..Lewis P. Hobart, Crocker
Bldg., San Francisco.
Contractor, ..Levensaler & Speir Corp.,
Monadnock Bldg., S. F.
Filed July 16, '14. Dated June 17, '14.
When work delivered at bldg. 37 1/2%
When completed and accepted 37 1/2%
Usual 35 days, ..25 %
TOTAL COST, \$3600
Bond, \$1800. Surety, Fidelity & De-
posit Co. of Maryland. Limit, Sept. 12,
1914. Forfeit, none. Plans and specifi-
cations filed.

(2426) CONDUIT AND WIRING FOR
electric lighting and power system,
telephones, bells, dictaphone and
messenger wires, etc., on above bldg.
Contractor, ..General Elec. Constr. Co.,
219 Minna, San Francisco.
Filed July 16, '14. Dated July 8, '14.
On 15th of each month, ..75%
Usual 35 days, ..25%
TOTAL COST, \$3100
Bond, \$1550. Surety, Massachusetts
Bonding & Insurance Co. Limit, Nov.
20, 1914. Forfeit, \$25. Plans and specifi-
cations filed.

(2427) ONE ELECTRIC PASSENGER
elevator and one direct lift Hydro-
Pneumatic side walk elevator on
above.
Contractor, ..Otis Elevator Co., Beach
& Stockton, S. F.
Filed July 16, '14. Dated June 18, '14.
On shipment of engine, .. 1/2
Engine in permanent position, .. 1/4
Elevators completed, .. 1/4
TOTAL COST, \$1190
Bond, limit, forfeit, none. Specifi-
cations only filed.

(2428) 8 QUEENADA AVE 225 E Newhall. All work except light fixtures and concrete floor in basement for one and one-half-story frame cottage. Owner.....August Slemor, 1514 Hudson Ave., San Francisco.
 Architect...None.
 Contractor...P. H. Madden, 1527 Jerrold Ave., San Francisco.
 Filed July 16, '14. Dated July 15, '14.
 Frame up\$477.50
 Brown plaster on..... 477.50
 Completed 477.50
 Usual 35 days..... 477.50
TOTAL COST, \$1910.00
 Bond, \$950. Surety, Henry P. Umben. Limit, 60 days after July 16. Forfeit, none. Plans and specifications filed.

(2429) SE GEARY AND TAYLOR S 137-6XE 87-6. Structural steel extensions to pent house for hotel Bldg. Owner.....Clift Realty Co., 1st Nat'l Bank Bldg., San Francisco.
 Architect...G. A. Applegate, Call Bldg., San Francisco.
 Contractor...Ralston Iron Works, 20th and Indiana, S. F.
 Filed July 16, '14. Dated July 15, '14.
 Payments semi-monthly of.... 75%
 36 days after..... 25%
TOTAL COST, \$679
 Bond, \$500. Surety, Aetna Accident & Liability Co. Limit, 12 days. Forfeit, \$50. Plans and specifications filed.

(2430) S ELLIS 137-6 W Jones W 82-6 XS 137-6. Structural steel and cast iron, carpenter, lumber, mill, fences, glazing, store fronts, flooring, stairs, ornamental iron, galvanized iron and tin work, side walk doors, flues, tiling, rough and finish hardware, side walk, side walk lights, marble, mosaic, roofing and deafening for six-story and basement apartment house. Owner.....Traders Realty Co., 905 1st National Bank Bldg., S. F.
 Architect...J. R. Miller, 213 Lick Bldg., San Francisco.
 Contractor...G. P. W. Jensen, 320 Market, San Francisco.
 Filed July 16, '14. Dated July 16, '14.
 As work progresses monthly installments of 75%
 Usual 35 days..... 25%
TOTAL COST, \$53,070
 Bond, \$26,350. Surety, Aetna Accident & Liability Co. Limit, as fast as directed by Architect. Forfeit, \$60. Plans and specifications filed.

(2431) EXCAVATING & CONCRETE work on above.
 Contractor...American Concrete Co.
 Filed July 16, '14. Dated July 16, '14.
 Payments same as above.....
TOTAL COST, \$6775
 Bond, \$3388. Surety, Massachusetts Bonding & Insurance Co. Limit, 40 days. Forfeit, \$60. Plans and specifications filed.

(2432) BRICK AND TERRA COTTA work on above.
 Contractor...Jas. S. Fennell, 330 Frederick, San Francisco.
 Filed July 16, '14. Dated July 13, '14.
 Payments same as above.....
TOTAL COST, \$12,000
 Bond, \$6000. Surety, Aetna Accident & Liability Co. Limit, none. Forfeit, \$60. Plans and specifications filed.

(2433) SE CARL AND HILWAY. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
Day's work. COST, \$2500

(2434) SW CARL AND HILWAY. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
Day's work. COST, \$2500

(2435) W GUERRERO 86 S 19th. Two-story and basement frame flats. Owner.....John J. Binet, 63 Romona Ave., San Francisco.
 Architect...None.
Day's work. COST, \$3750

(2436) E THIRD AVE 125 N Balboa. Two-story and basement frame (4) flats. Owner.....Ruegg Bros., 719 Pacific Bldg., San Francisco.
 Architect...None.
Day's work. COST, \$5000

(2437) NE ATHENS & PERU. Two-story frame store. Owner.....H. F. Eschenhorst, 73 Athens, San Francisco.
 Architect...None.
Day's work. COST, \$1800

(2438) NW DARTMOUTH & FELTON. One-story and basement frame dwlg. Owner.....M. Bessinger, 810 Felton, San Francisco.
 Architect...None.
Day's work. COST, \$400

(2439) NO. 1012 POTRERO AVE. Alter store and flat. Owner.....Fred Kircher, Premises.
 Architect...None.
 Contractor...Robert Trost, Howard & 26th, San Francisco.
COST, \$500

(2440) NO. 55 UNION. Concrete floor. Owner.....Cudahy Packing Co., Prem.
 Architect...None.
 Contractor...Barrett & Hilp, 422 Sharon Bldg., San Francisco.
COST, \$500

(2441) NO. 3233 SIXTEENTH. Finish-work on residence. Owner.....C. M. Rowden, Premises.
 Architect...None.
Day's work. COST, \$400

(2442) NO. 450 BROADWAY. Alter front and minor repairs. Owner.....A. Delmonte, 492 Broadway, San Francisco.
 Architect...J. A. Porporato, 619 Washington, San Francisco.
Day's work. COST, \$600

(2443) E TWENTIETH AVE 75 S Anza. Two-story and basement frame dwelling. Owner.....Thos. Hamill, 268 25th Ave., San Francisco.
 Architect...None.
Day's work. COST, \$3000

(2444) NOS. 238-240 SIXTH. Alter front. Owner.....Mrs. Lewis.
 Architect...None.
 Contractor...Lamont & Miller, 553 Market, San Francisco.
COST, \$400

(2445) E FIFTEENTH AVE 125 S Clement. Two-story and basement frame dwelling. Owner.....E. Ginley, 131 5th Ave., San Francisco.
 Architect...None.
 Contractor...E. Ginley, 131 5th Ave., San Francisco.
COST, \$3000

(2446) E TWENTY-SECOND AVE 170 N Anza. One-story and basement frame dwelling. Owner.....Mrs. L. Mollatt, 210 Hickory Ave., S. F.
 Architect...None.
 Contractor...E. E. Johnson, 1245 Franklin, San Francisco.
COST, \$700

(2447) NO. 3201 PACIFIC AVE. Construct bay window. Owner.....A. Eloesser, Premises.
 Architect...None.
 Contractor...L. Arthur & Son, 1330 1st Ave., San Francisco.
COST, \$400

(2448) N SADOWA 250 E Capitol. One-story and basement frame dwlg. Owner.....Homestead Realty Co., 202 Mutual Bank Bldg., S. F.
 Architect...None.
 Contractor...Wm. H. Grahm, 2840 Bryant, San Francisco.
COST, \$1500

(2449) NO. 1900 JACKSON. Shingle exterior of dwelling. Owner.....D. Schwabacher, Premises.
 Architect...J. E. Kraft & Sons, Phenician Bldg., San Francisco.
 Contractor...Daniel O'Neill, 278 Natoma, San Francisco.
COST, \$500

(2450) NO. 1465 BUSH. Extend brick wall and minor repairs. Owner.....Geo. H. Woodward, Prem.
 Architect...None.
 Contractor...Hofmeister & Berdahl, 708 Webster, San Francisco.
COST, \$500

(2451) E FORTY-FIFTH AVE 150-175 125 N Cabrillo. Three 2-story and basement frame residences. Owner.....Co-operative Bldg. Society, 441 26th Ave., S. F.
 Architect...None.
Day's work. COST, \$2500

(2452) NO. 1331 PALOU AVE. Raise dwelling, concrete foundation and rat proof. Owner.....Henry Braunewell.
 Architect...None.
Day's work. COST, \$400

(2453) NO. 2818 TWENTY-SECOND. Alterations and additions to building. Owner.....Michael and Bridget Gibbons, 2882 Folsom, S. F.
 Architect...None.
 Contractor...C. Wengard, 3638 Judah, San Francisco.

Filed July 17, '14. Dated July 15, '14.
 Frame up\$280
 Brown coated 280
 Completed and accepted..... 280
 Usual 35 days..... 280
TOTAL COST, \$1120
 Bond, limit, forfeit, none. Plans and specifications filed.

(2454) S LOMBARD 220 W Grant Ave W 25x8 90. All work for two-story and basement frame flats. Owner.....Raffaello and Filomena Pierotti, 1650 Mason, S. F.
 Architect...Chas. Pantoni, 916 Kearny, San Francisco.
 Contractor...V. Filippis, 886 Union, San Francisco.
 Filed July 17, '14. Dated July 7, '14.
 1st story floor joists on.....\$ 900
 Enclosed and roof on..... 900
 Brown coated 900

Completed and accepted..... 950
Usual 35 days..... 1250
TOTAL COST, \$1900
Bond, \$2450. Surety, Pacific Coast Casualty Co. Limit, 90 days after July 14. Forfeit, \$2. Plans and specifications filed.

(2455) S COMMERCIAL, 60 E Montgomery S 59-6xE 49-9. Electrical work for one-story Class "A" building Station "J."
Owner.....Pacific Gas & Electric Co., Cpn., 445 Sutter, S. F.
Architect...Frederick H. Meyer, Bankers' Investment Bldg., S. F.
Contractor...Decker Elec. Constr. Co., 111 New Montgomery, S. F.
Filed July 17, '14. Dated May 14, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$374
Bond, \$187. Surety, American Surety Co. of New York. Limit, 30 days after steel and brick is erected. Forfeit, none. Plans and specifications filed.

(2456) PLUMBING ON ABOVE.
Contractor..Alexander Coleman, 706 Ellis, San Francisco.
Filed July 17, '14. Dated May 29, '14.
Payments same as above.....
TOTAL COST, \$482
Surety, John W. Proctor. Limit, 30 days after steel and brick work has been erected. Forfeit, none. Plans and specifications filed.

(2458) S ELLIS 137-6 W Jones W 52-6XS 137-6. Electric work for six-story and basement brick and steel Class "C" apartments.
Owner.....Traders Realty Co., 905 1st National Bank Bldg., S. F.
Architect...J. R. Miller, 213 Lick Bldg., San Francisco.
Contractor...Newberry-Bendheim Elec. Co., Humboldt Bank Bldg., San Francisco.
Filed July 17, '14. Dated July 16, '14.
Monthly installments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4000
Bond, \$4000. Surety, U. S. Fidelity & Guaranty Co. Limit, without delay. Forfeit, \$60. Plans and specifications filed.

(2459) HEATING WORK & INSTALL pipe heating system on above.
Contractor..J. E. O'Mara, 449 Minna, San Francisco.
Filed July 17, '14. Dated July 17, '14.
Payments same as above.....
TOTAL COST, \$4100
Bond, \$2950. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

(2460) ONE ELECTRIC PASSENGER and 1 freight elevator on above.
Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.
Filed July 17, '14. Dated July 17, '14.
On shipments of engine..... 1/2
When engine is in position..... 1/4
When completed..... 1/4
TOTAL COST, \$4140
Bond, limit, forfeit, none. Plans and specifications filed.

(2461) NO. 4416 TWENTY-FOURTH. Minor changes on present building.
Owner.....Pierre Jaymot, Premises, Architect...None.
Contractor...C. W. Anderson, 4112 Folsom, San Francisco.
COS, \$400

(2462) NO. 1110 BUSH. Plastering and erect partitions.
Owner.....Mr. Meyers.
Architect...None.
Contractor...D. B. Yonenhanson, 1760 Ellis, San Francisco.
COST, \$100

(2463) E EIGHTH AVE 90-114 N California. Two-story and basement frame (2) flats.
Owner.....L. Salomon, 1303 Ellis, S. F.
Architect...Oser Bros., 165 Post, S. F.
Day's work.....
COST, \$6500

(2464) NE CARRILLO & FOURTH AVE. Three-story and basement frame (6) flats.
Owner.....David Condon, 4188 20th Ave., San Francisco.
Architect...O. E. Evans, 2267 Mission, San Francisco.
Day's work.....
COST, \$9000

(2465) W TAYLOR 100 S Sutter. Five story brick and steel frame (with basement) tenements.
Owner.....J. Forrest Wyman, 1959 Hayes, San Francisco.
Architect...Edw. E. Young, 251 Kearny, San Francisco.
Day's work.....
COST, \$50,000

(2466) SW CALIFORNIA & STOCKTON W 117-6XS 68-9. Drilling, casing work for 6 caissons for brick and wood apartment house.
Owner.....F. W. Wakefield, 343 California, San Francisco.
Architect...G. A. Applegarth, Call Bldg., San Francisco.
Contractor...N. W. Gilchrist.
Filed July 18, '14. Dated July 15, '14.
On completion of 2nd hole.....\$150
On completion of 3rd hole..... 150
On completion of 4th hole..... 150
On completion of 5th hole..... 150
On completion of 6th hole..... 300
TOTAL COST, \$900
Bond, none. Limit, 60 days after notification. Forfeit, none. Plans and specifications filed.

(2467) EXCAVATING & TIMBERING for elevator shaft and tunnel on above.
Contractor...H. J. Henderson, G. L. Serpell and Dick Bardsley.
Filed July 18, '14. Dated July 17, '14.
End of each week, weekly..... 75%
Usual 35 days..... Balance
COST: \$10 per lineal foot from curb level opp shaft on Stockton street to bottom of shaft; \$10 per foot for private tunnel measured from westerly side of private door of Stockton Street tunnel, etc.
Bond, none. Limit, 30 days after notification. Forfeit, none. Plans and specifications filed.

(2468) COM. 100 FROM NW FILLMORE and Filbert N 120 to S Pixley Ave by W 37-6 W A 343. All work except painting, plumbing, shades, gas and electric fixtures for two-story and basement frame flats and alterations to present building.
Owner.....Dante Dianda, 2223 Filbert, San Francisco.
Architect...Righetti & Headman, Pheasant Bldg., San Francisco.
Contractor...Maffei Brothers.
Filed July 18, '14. Dated July 16, '14.
Foundation completed and rear building enclosed\$1510.50
Bldg. on Filbert St. enclosed 1510.50
Buildings brown coated..... 1510.50
Completed and accepted..... 1510.50

Usual 35 days..... 2014 50
TOTAL COST, \$8058.00
Bond, \$4150. Sureties, V. Lend and N. Capurro, Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(2469) W DOLORES 159 N 15th N 30x W 125 M B 82. All work for three-story and basement frame flats.
Owner.....Frederick F. and Ada T. O'Neill, 1328 Dolores, S. F.
Architect...None.
Contractor...Binart Petersen, 3530 23rd, San Francisco.
Filed July 18, '14. Dated July 16, '14.
Roof finished\$1932.50
Brown coated 1932.50
Completed and accepted..... 1932.50
Usual 35 days..... 1932.50
TOTAL COST, \$7730.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2470) NW CALIFORNIA AND HYDE W 87-6XN 87-6. All work except heating, elevator machinery, vacuum cleaning, wall beds, light fixtures and shades for five-story and basement Class "C" apartments and stores.
Owner.....Geo. G. Gustave A. Louisa R. Katz, Lena S. Kalben and Frieda P. Sherwood, California Market, S. F.
Architect...Herman Barth, 12 Geary, San Francisco.
Contractor...O. C. Holl, 369 14th Ave., San Francisco.
Filed July 18, '14. Dated July 15, '14.
1st floor joists set.....\$ 3000.00
2nd floor joists set..... 6000.00
3rd floor joists set..... 3000.00
4th floor joists set..... 3000.00
5th floor joists set..... 3000.00
Brick work completed, main roof Completed, bay windows sheathed and roofed 4000.00
Brown coated 7000.00
Plastering completed 2000.00
Standing finish on doors and windows hung and glazed... 10,000.00
Completed and accepted..... 7974.50
Usual 35 days..... 16325.00
TOTAL COST, \$65,299.50
Bond, \$32,000. Surety, National Surety Co. Limit, 170 days from filing. Forfeit, \$20. Plans and specifications filed.

RELEASE OF BUILDING CONTRACT.
July 13, 1914—N CALIFORNIA 32 W Larkin W 27-6XN 87. Joseph Silverberg with Otto Carson & Co

NOTICE OF NON-RESPONSIBILITY.
July 13, 1914—NW RICHLAND AVE and Murray W 50 N to Holly Park Circle E 50 S to beg, ptns Lots 37 to 40 Blk —, Holly Park Tract. William Trebell as to improvements on leased property.....
July 14, 1914—S JUDAH 32-6 E 27th Ave E 25XS 100. David Stang as to improvements on leased property.....
July 16, 1914—LOTS 38 AND 39 BLK 23, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.....
July 17, 1914—NW SUTTER AND Pierce 75 on Sutter, 120 on Pierce and a uniform depth or width from N to S of 75. Alice Cook Swan and Inez Cook Noble, admx Estate Laura A Cook, dec'd, as to improvements on leased property.....

ARCHITECTS' CERTIFICATE.
July 17, 1914—James R. Miller has filed his certificate of architecture.

COMPLETION NOTICES.

San Francisco.

July 1, 1914—PTN LOT 65 Map Park View Tract No. 2, Oakland Tp. Louis H Tallman to C O Bradhoff June 26, 1914

July 1, 1914—N FORTY-SEVENTH 372 E San Pablo Ave E 129-6XN 203, Okd. Martha Susan Bianchi to James P Cavallo June 30, 1914

July 1, 1914—N CENTRAL AVE 108 E 5th E 34xN 100, Ala. John M and Adelaide E O'Dea to Jos Lima June 30, 1914

July 1, 1914—E NINETEENTH AVE 175 S Wawona S 50x E 120, Carson Bldg Co, Inc to whom it may concern June 30, 1914

July 1, 1914—S JESSIE AND NEW Montgomery SW 263-4XE 68, Macdonald & Kahn with Sharon Estate Co to Clinton Fireproofing June 30, 1914

July 1, 1914—NE PAGE AND GOUGH N 120x E 27-6, George F Bernard to James F Conlan July 1, 1914

July 1, 1914—E FIFTEENTH AVE 50 N California, Katharine E and Carrie W Bleily to O E Anderson June 27, 1914

July 1, 1914—S GREEN 167-6 E Jones Hiram W Johnson, Jr to Marcus Marcussen June 25, 1914

July 2, 1914—W FORTY-EIGHTH Ave 250 S Irving (I) S 25xW 120, Ida M Cambridge to Geo V McCausland June 24, 1914

July 2, 1914—W FORTY-EIGHTH Ave 275 S Irving (I) S 25xW 120, Ida M Cambridge to Geo V McCausland June 24, 1914

July 2, 1914—NW TWENTY-FIFTH and Hampshire N 76 E 100 S 76 W to beg, Protestant Episcopal Bishop of Cal. to Isaac Penny June 11, 1914

July 2, 1914—E NINETEENTH AVE 275 S Anza S 25x120, E J Spence and T Feerick to whom it may concern July 2, 1914

July 2, 1914—E NINETEENTH AVE 300 S Anza S 25x120, E J Spence & T Feerick to whom it may concern July 2, 1914

July 2, 1914—LOT 41 BLK 5 Crocker Amazon Tract, Nickolaus Dewes to Dewes & Evans July 1, 1914

July 2, 1914—W TWENTY-SECOND Ave 100 S California S 25xW 120, Arthur A and Clarence F Delfino to whom it may concern June 20, 1914

July 2, 1914—W 26.67 FEET LOT 28 Blk 18 and E 10 feet Lot 27 Blk 18, Forest Hill, Arthur Elvin and Ethel B Elvin to Arthur Elvin July 2, 1914

July 2, 1914—E TAYLOR 150 S Union S 25x E 68-9, Emilio Solari to Frank De Martini & Co. July 1, 1914

July 2, 1914—W BRYANT 25 N 16TH N 25xW 89-3, Joachim Sass to John Casty July 2, 1914

July 2, 1914—S PACIFIC 62-6 W Buchanan S 127-8 1/2 W 6-3 S 37-8 1/2 W 34-4 1/2 N 37-8 1/2 E 7 1/2 in N 127-8 1/2 E 40, Mrs A B S Knauer to Holm & Son and Petersen-James Co. June 30, 1914

July 2, 1914—W FORTY-EIGHTH Ave 300 S Irving (I) S 25xW 120, Ida M Cambridge to Geo V McCausland June 24, 1914

July 3, 1914—N BUSH adj E Mills July 3, 1914—SW SANSOME AND Bush of 68-9, Ogden Mills to Otis Elevator Co July 2, 1914

Bldg and having a frontage on

Sutter W 69-8 1/2 S 69-7 NE S5-10 1/2 N 19-4 1/2, Albert Meyer and Isaac Liebes (Lessors) to Rudger Merle Co, June 18; F Schaefer, June 20, '14

July 3, 1914—S SUTTER 87-6 E Montgomery S 124-9 to beg of Lot S 62-7 W 25 S 83-11 1/2 — 92-5 1/2 along Market N 92-6 W 50, Hobart Est Co to Clinton Fireproofing Co. July 1, 1914

July 3, 1914—E ELSIE 137 N Holly Park Circle N 25x100, Robert J Jones to Wm Miller July 2, 1914

July 3, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57, Crocker Hotel Co to Clinton Fireproofing Co. June 23, 1914

July 3, 1914—W THIRD 75 N Harrison N 25xW 80, Sylvain Levy to P J Fletcher July 3, 1914

July 3, 1914—W TWELFTH AVE 100 S Lawton S 25xW 120, Cornelia (wf Augustus G P) Lane to Callaghan Bros. June 26, 1914

July 3, 1914—E PARKER AVE (Williamson) 475 N Geary N 25x E 120, V U Prah to Lindberg Bros. June 19, 1914

July 6, 1914—LOT 555 Gift Map No. 2 Maria Ohlsen (wf Henry J) to whom it may concern June 24, 1914

July 6, 1914—E LOCUST 127-8 1/2 N Jackson E 33-4 to pt which is pt of beg E 33-4 N 91-1 1/2 m or l to S line of street 20 feet wide running E from Locust along Presidio Wall SW to pt 33-5 1/2 NE from E Locust S 88-2 1/2, Henry Walter Gibbons to Currie & Currie July 6, 1914

July 6, 1914—N SILVER AVE 400 W Congdon, Frank and Mrs Frank Junge to Philip W Montrouill July 2, 1914

July 6, 1914—LOTS 12 AND 13 BLK 6 Syndicates First Add'n, Jno A Pegnum to N F Nilsson, July 2, 1914

July 6, 1914—E PARSONS 100 N Fulton E 100 NE 25 W 104 to E Parsons S 25, Ellen S or Ellen Sullivan Bannwarth to John Burns July 1, 1914

July 6, 1914—NW JACKSON & SCOTT N 127-8 1/2 xW 127-6, Academy of the Sacred Heart to William Camp and Chas A Carrillon (Camp & Carrillon) July 2, 1914

July 7, 1914—E FIFTH AVE 300 S Cabrillo, Annie E Hooper to B J Hooper July 7, 1914

July 7, 1914—E FIFTH AVE 325 N Cabrillo, Rose L Ciper to B J Hooper June 30, 1914

July 7, 1914—SE BENNINGTON AND East Ave E 35-1 1/4 S 100 W 20-4 1/2 N 100-0 1/4, M Elfrida Mellish and W Mellish to C G Anderson June 12, 1914

July 7, 1914—LOT 26 and S 1/2 Lot 25 Blk 9, Crocker Amazon Tract, Jas H or James Ricketts to Jas H or James H Ricketts April 1, 1914

July 7, 1914—E SEVENTEENTH AVE 200 S Anza S 25x E 120, Chester H Gillig to Leigh & Schultz, July 6, '14

July 7, 1914—N ELLIS 87-6 E Mason E 50xN 137-6, A O Stewart to Central Iron Works July 3, 1914

July 7, 1914—N BROADWAY 137-6 W Mason 27-6x137-6, Steve Lavesa and Frank Rossi to Frank De Martini & Co. Completed

July 7, 1914—LOT 19 BLK "I" Columbia Heights, B L and Elsie White to T M Harrington, July 6, '14

July 7, 1914—NE FULTON AND Parker Ave E 175xN 275, The President and Board of Trustees of Saint Ignatius College Cpn to P J Sullivan and E Nutting (as Spencer

Street Planting Mill) June 30, 1914

July 8, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8 1/2, Katherine P Hooker to Gladding McBean Co. July 7, 1914

July 8, 1914—NW CALIFORNIA AND Devisadero W 82-6x45, Mary G Dutton to L Hippy July 7, 1914

July 8, 1914—W FIFTH AVE 75 S Irving S 25xW 95, Minna E Eggert to W F Duffer July 7, 1914

July 8, 1914—NW ARLINGTON 545 SW Roanoke SW 30xNW 75, Jones Add'n to Fairmount, Rosa Constant to Theo McCormick July 7, 1914

July 9, 1914—NE FULTON AND Parker Ave E 175xN 275, President and Board of Trustees of Saint Ignatius College to General Eng Co, National Surety Co. July 3, 1914

July 9, 1914—LOT 2 BLK "K" Mission Terrace, G H or Geo H Moore, Clarence M Moore and Geo E Burlingame to Geo H and Clarence M Moore & Geo E Burlingame, July 9, '14

July 9, 1914—W TRINITY 68-9 N Sutter W 61-3 1/2 xN 34-4 1/2, French American Bank of Savings to The McGilvray Stone Co, July 1; F G Bellefontaine and G Hudson (as National Latbing & Furring Co.) July 6, 1914

July 9, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6, Chas A Stewart to Neil A McLean July 9, 1914

July 10, 1914—W TWENTY-SIXTH Ave 232 S California S 25xW 120, G D Harper to George F Cleese July 9, 1914

July 10, 1914—W FORTY-THIRD AV 125 S Lincoln Way S 25xW 120, C H Dahlman to M M Finlayson July 3, 1914

July 10, 1914—W TWENTY-FIRST Ave 250 S Geary S 25xW 120, Elmer Drees to Leigh & Schultz July 10, 1914

July 10, 1914—W THIRTY-THIRD Ave 75 S Lincoln Way (H) S 25x W 90, Bernard E Torney to whom it may concern July 9, 1914

July 10, 1914—N SACRAMENTO 160-5 E Jones E 22-11xN 120, Whitell Realty Co to Sarraillie & Lagomarsino July 6, 1914

July 10, 1914—W TWENTY-THIRD Ave 100 N Judah (J) N 25xW 120, Henry Inskip to M Fauth July 10, 1914

July 10, 1914—N BROADWAY 42-6 E Baker E 50 N 137-6 W 29-3 1/2 SE 1-6 1/2 W 21-1 1/2 S 136, Albert L Ehrman to Harry G Graper July 10, 1914

July 11, 1914—W NINTH AVE 200 S Irving 25x120, B Longo to G Orri, F Marschalek July 11, 1914

July 11, 1914—N PACIFIC 91-6 W Jones W 23x60, Albert J Fabre to L A Rose July 3, 1914

July 11, 1914—W SEVENTEENTH Ave 100 N California N 26xW 120, Charles W Higgins to whom it may concern July 8, 1914

July 11, 1914—W TENTH AVE 433-4 N Balboa (B) N 33-4xW 120, Louis A Colton to whom it may concern June 8, 1914

July 13, 1914—E TWENTY-TH AVE 145 N Balboa N 25x E 120, Jas W Edmonds to Joel Johnson July 10, 1914

July 13, 1914—NE LARKIN AND O'Farrell E 91-6xN 43-9, John Woebeck to Munster & Bornholdt July 10, 1914

July 13, 1914—S BUSH 86-6 E Polk 63-6x120, E L Hueter to Standard Elec Constr Co. July 10, 1914

July 13, 1914—E SIXTH AVE 60 N

Kirkham N 25xE 95. John A Reinertsen to S R Anderson. July 13, 1914
 July 13, 1914—N ARMY 130 E Twin Penks Ave. W D Lambert to Geo C Wright.....July 13, 1914
 July 13, 1914—W TWENTY-SECOND Ave 150 N Anza N 24-94xW 120. Philip J De Gear to Hantzsche & McKay.....July 11, 1914
 July 13, 1914—NW HRYANT 50 NE Converse NE 25xNW 75. John Skance to J I Mitrovich. July 10, 1914
 July 13, 1914—E FILLMORE 32-6 N Pixley 32-6x82-6. A Schwartz to F Crothers.....July 13, 1914
 July 14, 1914—NW BUCHANAN AND Jefferson W 40xN 200. Panama-Pacific International Exposition Co to Struchlow, Freese & Petersen.....July 8, 1914
 July 14, 1914—SE BROADWAY AND Bartol Place 40-6x57-6. Nicola Capurro to Pacific Structural Iron Works.....July 14, 1914
 July 14, 1914—S PACIFIC 154-6 W Powell 20-6xS 60. Vincente J and Vincenza J Kusch to J Kusch, I Spiletak and D Vukovich.....July 13, 1914
 July 14, 1914—SE POST & LEAVEN-worth S 137-6xE 137-6. The Schmidell Estate to Floodberg & McCaffery.....July 11, 1914
 July 14, 1914—S BUSH 183-4 E Stock-ton E 31-8xS 126. Mrs A Rudgegar or Hermine B Rudgegar to U S Metal Products Co, Burns Bros, Butte Eng & Elec Co, General Eng & Elec Co, Antone Lettich, Paul Q Karlib and Walters & Pierson.....July 9, 1914
 July 14, 1914—S SHIPLEY 18 W Eliza Place. Bernardo Ramonda to John Halder or Harder. July 1, 1914
 July 14, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-84. Katherine P Hooker to C C Moorehouse.....July 14, 1914
 July 15, 1914—S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11½ — 92-5½ S 92-6 W 50. Holart Estate Co to Smith-Rice Co.....July 13, 1914
 July 15, 1914—W GUERRERO 216-6 N 16th N 30 W 127 m or I S 20 th to beg. Purity Ice Cream Co to R Glaze.....July 15, 1914
 July 15, 1914—NW LOMBARD AND Leavenworth W 40xN 137-6. Anne S Cushing to Collman & Collman.....July 15, 1914
 July 15, 1914—E TWENTY-FIRST Ave 275 S Anza S 25xE 120. Lottie E Hawton to Leigh & Schultz.....July 14, 1914
 July 15, 1914—S TONQUIN 90 W Steiner S 687.5xW 838.12 (Transfer Table in Transportation Bldg.) Panama-Pacific International Exposition Co to Tieslau Bros.....July 13, 1914
 July 16, 1914—S TONQUIN 90 W Steiner S 687.5xW 838.12 (Transportation Bldg.) Panama-Pacific International Exposition Co to Lange & Bergstrom.....Completed —
 July 16, 1914—E ARKANSAS 191 N 22nd N 25xE 100. Michel or Michael Allen to Wm H Grahn.....July 17, 1914
 July 16, 1914—WESTERLY PTN LOT 23, Ashbury Terrace. Mrs Ellen M Cummings to W W Rednall.....July 15, 1914
 July 16, 1914—SW LOMBARD AND Scott W 50xS 100. Edw H Mitchell to Tie Gas & Elec Appliance Co. The Turner Co and Atlas Heating & Ventilating Co.....July 10, 1914

July 17, 1914—S GEARY 53-9 W 21st Ave W 27-1xS 100. Gustave Moeller to Leigh & Schultz. July 14, 1914
 July 17, 1914—S LINCOLN WAY 30 W 25th Ave W 60xS 75. Theodore Gibson to whom it may concern.....July 16, 1914
 July 17, 1914—S ALVARADO 225 W Castro W 50xS 114. F Monson to whom it may concern. July 17, 1914
 July 17, 1914—S MOISE & NEWTON SW 30xSE 75, Ptn Lots 1, 2, 3 Bk 6 Syndicates 1st Add'n. John Bjorkman to whom it may concern.....July 15, 1914
 July 17, 1914—E NINETEENTH AVE 25 N Anza N 25xE 82-6. Michael and Nellie Costello and Bryan Feerick to whom it may concern.....July 16, 1914
 July 17, 1914—E SEVENTEENTH AVE — S Anza S 25xE 120. Leo Gilp'g to Leigh & Schultz. July 16, 1914

LIENS FILED.

San Francisco.

July 3, 1914—N TWENTY-FOURTH 25 E Vickburg E 25xN 75. C Carnevali Marble & Mosaic Co, \$90; Conrad Mollath, \$29.50 vs P H Pierce and Catherine Norton.....July 6, 1914
 July 6, 1914—N SACRAMENTO 112-6 E Lyon E 25xN 127-84. Dave Jacobi vs W H Smith, C V & Victor J Baux.....\$70
 July 7, 1914—NE O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. A J Granfield and J J Granfield (as Granfield & Co) vs Young & Swain Baking Co cpn and Burch & Hoffman Co.....\$934.90
 July 8, 1914—W POINT LOBOS AVE (or Sunset Terrace) 6 SE Cliff House SW 30 SE 35 E 45 to W line Point Lobos Ave NW to beg. National Mill & Lumber Co vs Estate Adolph Sutro, deed and Gustav Stravon and W F Mellin.....\$73.50
 July 8, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Robert W Beattie vs The Young & Swain Baking Co.....\$243.50
 July 8, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. W P Fuller & Co vs Young & Swain Baking Co and Burch-Hoffman Co.....\$427
 July 9, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Steiger Terra Cotta & Pottery Works vs Geo A Burch and Victor Hoffman (as Burch & Hoffman) and Young Swain Baking Co.....\$240.5
 July 9, 1914—W TWENTY-FOURTH & Chattanooga W 78xN 25. D Modica vs J E Branscomb.....\$383
 July 9, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Kortick-Falls Mfg Co vs Young & Swain Baking Co Cpn.....\$107.50
 July 10, 1914—NW ELLINGTON 80 NE Farragut NE 27-4 NE 103-6 SW 27-4 SE 103-6. Reinhart Lumber & Planing Mill Co vs R G Baugh and Geo W Roble.....\$90.87
 July 10, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Hart-Wood Lumber Co, \$2250.38; White Bros, \$176.65; Brittain & Co, \$47.45; Woods & Huddart, \$412.21 vs Young & Swain Baking Co and Burch &

Hoffman Co.....
 July 10, 1914—N MISSION 343-14½ W 7th W 31-74xN 165. T A McClenahan & Co vs Niel A McLean and Talbot Investment Co.....\$1236
 July 11, 1914—N MISSION 313-1½ W 7th W 31-74xN 165. Joost Bros vs N A McLean and Talbot Invest Co.....\$329.97
 July 11, 1914—NW O'FARRELL 80 W Devisadero W along N O'Farrell 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Bennett Bros vs Young and Victor Hoffman (as Burch & Hoffman Co).....\$173.45
 July 13, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. John McGulgan & Co vs The Young & Swain Baking Co.....\$91.10
 July 13, 1914—S CLEMENT 95 W 31st Ave W 25xS 100. J M Enycart vs Estate Rose Amanda Hervey Stratton or Rose A Stratton, dec'd and Charles H Hervey, extr Estate Rose Amanda Hervey Stratton, dec'd.....\$110
 July 13, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. John Casaretto vs The Young & Swain Baking Co and Burch & Hoffman & Swain Baking Co, Geo A Burch.....\$63
 July 13, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Forreder Cornice Works, 1689; E J Carroll, \$314.60 vs The Young & Swain Baking Co, Geo A Burch and Victor Hoffman (as Burch & Hoffman).....
 July 13, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. L A Norris Co, \$96.58; Enterprise Elec Works, \$211.56; Henry Cowell Lime & Cement Co, \$1559.83 vs Young & Swain Baking Co.....
 July 13, 1914—N MISSION 313-4½ W 7th N 31-74xN 165. Forreder Cornice Works vs Talbot Invest Co and Neil A McLean.....\$1274
 July 13, 1914—W EIGHTEENTH AVE 125 N Clement N 25xW 120. Warden Bros vs E F Helms.....\$100
 July 14, 1914—N ELLINGTON AVE and N Farragut NE 80 NW 25 SW 80 SE 25 BK 18 West End Map No. 2. E D Swift (as Swift & Co) vs George W and Annie F Robie.....\$138
 July 14, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Kortick Falls Mfg Co, \$107.50; Wm G Gil-mour, \$500; John A M Bolter, \$336; Michel & Pfeffer, \$753.70 vs Young & Swain Baking Co and Burch & Hoffman.....
 July 14, 1914—N MISSION 345-3½ W 7th W 31-74xN 165. G F Bernard, \$1750.47; Vitt Elec Co, \$606; Bay Development Co, \$1177.65 vs Talbot Investment Co and Neil A McLean
 July 15, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. T W McClenahan & Co vs Stewart Estate Co and Neil A McLean.....\$314.09
 July 15, 1914—NW O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Fibre-stone & Roofing Co, \$893; Pacific Mfg Co, \$593.71; E C Dudley, \$38.15; E B and A L Stone, \$71.90; City Supply Co, \$103.41 vs The Young & Swain Baking Co and Burch & Hoffman.....
 July 15, 1914—N O'FARRELL 80 W Devisadero N 195 S 137-6 S 25 E 25 S 25 E 20 S 87-6. Pacific Gas & Elec Co vs Young & Swain Baking

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July 16, 1914—N MISSION 343-4½ W
Seventh W 21-7½xN 165. Peter-
sen-James Co vs Talbot Invest Co
and Nell A McLean.....\$648
July 16, 1914—N O'FARRELL 80 W
Devisadero W 195 N 137-6 E 150 S
25 E 25 S 25 E 20 S 87-6. Allen M
Olinger, \$11.25; Standard Portland
Cement, \$805.41 vs Young & Swain
Baking Co, Cpn.....\$325
July 16, 1914—N MISSION 343-4½ W
Seventh W 31-7½xN 165. Eureka
Teaming Co vs Talbot Investment
Co and Nell A McLean.....\$325

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$7,500. Oakland, Cal. Architect, none. Owner, H. H. McDonald. 278 38th street, Oakland. The building has been designed to contain sixteen rooms, arranged in four-room suites, and will be erected on Terrace street north of Ridgeway. Interior finish will be of pine with some elm or blue gum panels and oak floors. There will be an open fire place in each living room.

Mantels will be of tile. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—3 story and base, brick, \$54,000. Oakland, Cal. Architect, Charles W. McCall. Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected in Central Oakland and will contain a large number of two and three room suites with wall beds and private baths. Interior will be finished in pine and hardwood veneer with hardwood floors in the principal rooms. There will be steam heat, hot water supply and vacuum cleaning system. Bath rooms will be finished in tile with composition floors. Entrance and lobby will have marble wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame and brick, \$20,000. Oak-

land, Cal. Architect, William White, Albany Bldg., Oakland. Owner, R. Pozzi. The building will be erected at the corner of 23rd and Harrison Boulevard, and has been designed to contain a number of two and three room suites with private baths and wall beds. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Exterior will be faced with pressed brick and cement plaster. Plans are now being prepared.

MUNICIPAL AUDITORIUM—2 story and base. Class A construction, \$1,000,000. Oakland, Cal. Architects, J. J. Donovan and Walter Mathews, Oakland. Owners, City of Oakland. The Oakland Municipal Auditorium Advisory Board has recommended that bids be called for at once for the following work in connection with the completion of the Municipal Auditorium: Painting, finish hardware, elevator equipment, plastering and lathing, curtain hoists and seats. An official proposal will be published shortly.

AUDITORIUM WORK—Class A construction, \$1,000,000. Oakland, Cal. Architects, J. J. Donovan and Walter Mathews, Oakland. Owners, City of Oakland. Bids were opened on July 15th by the City Council for the carpentry and mill work, heating and ventilating, roofing, plumbing and gas fitting, automatic sprinklers, damp-proofing, architectural iron work, sheet metal work and skylights and for the glass and glazing. A large number of bids were received which will be found under the heading of Oakland and Alameda County in this issue.

RESIDENCE—2 story and base, frame, \$6,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Fred Mueller. The dwelling will be erected in Northeast Berkeley, and has been designed to contain eight rooms, bath and sleeping porch. A one-story garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine with some hardwood veneer and oak floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room room will be finished in tile and will have a composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. L. Olsen. The dwelling has been designed for a seven-room house, and will be erected on Santa Ray avenue. Interior will be finished in pine and hardwood veneer with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. E. Crosby. The dwelling will be erected on Lake Shore avenue, and has been designed for an eight-room house with bath and sleeping porch. Inte-

rior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and furnace heat. Mantels will be of tile. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$1,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. Hunter. The dwelling will be erected on Woolsey street east of Dana, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with hardwood veneer and hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, H. E. Jackson. The dwelling will be erected in the Crocker Highlands Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine, white enamel and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

MAUSOLEUM — 1 story granite. Cost not stated. Fruitvale, Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owners, Estate of P. Calton. The mausoleum has been designed in the classic style and will contain eight receptacles. There will be modern plumbing and electric work. Interior will be finished in marble. There will be ornamental bronze and art glass. Exterior will be faced with marble and granite. Plans will be ready for figures in a few days.

RESIDENCE — 2 story and base, frame, \$4,500. Oakland, Cal. Architect, none. Owners, Banning & Stewart 5215 Broadway, Oakland. The dwelling will be erected on Belgrave Place near Napa street, and has been designed for a nine-room house with bath. Interior finish will be of pine throughout. There will be some hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$1,250. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. L. Eschbacher. The dwelling has been designed for a seven-room house with bath and will be erected on Fairbanks

avenue. Interior will be finished in pine and hardwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. There will be tile wainscot and composition floor in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OFFICES — 3 story and base, brick and steel. Cost not stated. Oakland, Cal. Architects, Millwain Bros., Delger Bldg., Oakland. Owners, San Francisco & Oakland Terminal Railroad. Construction of the frame of this building is now underway. The architects are now taking figures for finish carpentry, electric work, mill work, marble and tile work, lathing and plastering.

MOTION PICTURE THEATRE — 1 story. Class C construction, \$12,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Elston and George Clark. The building will be erected at the corner of Durant Way and Telegraph avenue. Interior will be finished in pine with considerable ornamental plaster. A special system of ventilating will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Oakland Auditorium Bids Are Opened.

Bids Received For Work on Ten Departments and are Referred to City Attorney's Office.

A large number of bids were opened Wednesday by the Oakland City Council for construction on the Municipal Auditorium. Included in this work were the carpentry and mill work, heating and ventilating, roofing, plumbing and gas fitting, automatic sprinklers, dampproofing, iron work, sheet metal work and skylights and the glass and glazing. All bids were referred to the City Attorney, the Public Works Commissioners and Auditorium Advisory Committee.

Following is a complete list of all figures submitted:

Carpentry and Mill Work.	
Foster-Vort Co.	\$33,850
P. G. MacIntyre.....	37,700
W. D. Henderson.....	37,400
R. W. Littlefield.....	39,795
Christenson Bros.	40,700
Heating and Ventilating.	
Bay Engineering Co.....	\$29,450
Peterson-James Co.	28,280
Robert Dalziel Jr., Co....	27,100
J. C. Hurley Co.	26,616
Pacific Fire Ext. Co.....	26,852
Seibert Co.	25,439
Victor Engineering Co....	24,195
Scott Company	28,790
F. T. Walsh Co.....	28,700

Roofing.	
National Roofing Co.....	\$1,190
Bay Cities Roofing Co....	1,117
Paraffine Paint Co.....	1,146
Butler Roofing Co.....	1,940
J. W. Bender Roofing & Pav- ing Co.	1,581
Plumbing and Gas Fitting.	
Robert Dalziel Jr., Co....	\$19,427
Carl T. Doell	17,937

Frederick W. Snook.....	18,984
Scott Company	18,980
Automatic Sprinklers.	
Pacific Fire Ext. Co.....	\$1,350
Scott Company	4,358

Damp Proofing	
National Roofing Co.....	\$1,399
Paraffine Paint Co.....	1,792

Architectural Iron Work.	
Rudger-Merle, \$33,740 (a) deduct \$1,750; (b) deduct \$2,250, California Artistic Metal & Wire Co., \$30,600 (a) deduct, \$2,900; (b) deduct, \$1,425.	

C. J. Hilliard Co., \$42,200 (a) deduct, \$2,000; (b) deduct, \$2,700.	
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Sheet Metal Work and Skylights.	
Yager Sheet Metal & Plumbing Co., \$20,887 (a) add, \$9,100; (b) add, \$7,300; (c) \$ ———.	

Robert Dalziel Jr., Co., (a) \$12,887; (b) ———; (c) ———.	
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Conlin & Roberts, Inc., \$18,867 (a) \$24,338; (b) \$22,858; (c) ———.	
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U. S. Metal Products Co., \$17,600 (a) \$8,855; (b) \$7,098; (c) \$374.	
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Capital Sheet Metal Works, \$19,100; (a) \$5,731.20; (b) \$1,961.20; (c) \$314.10.	
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Fordeier Corning Works, \$16,800 (a) \$5,470; (b) \$3,890; (c) \$230.	
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Glass and Glazing.	
W. P. Fuller Co., \$8,445 (a) deduct, \$950; (b) deduct, \$800.	

California Plate & Window Glass, \$7,489 (a) deduct, \$520; (b) deduct, \$240.	
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Building Contracts Awarded.

Oakland.			
No.	Owner	Contractor	Amt.
1745	Kennedy	Dalton	2500
1746	Guisli	Ucello	400
1747	Omen	Mortenson	400
1748	Bishop	MacIntyre	1000
1749	Macque	Jones	800
1750	Tesio	Schley	4000
1751	Graham	Cederberg	3074
1752	Johnston	Swalley	7500
1753	Bolts	Bolts	2000
1754	Bolts	Bolts	2000
1755	Banning	Stewart	4500
1756	Sommer	Sprague	550
1757	St. Anthony	Brockhage	800
1758	Gompertz	Reichel	1000
1759	Henas	Brown	1000
1760	Langke	Baughman	500
1761	Cooke	Rockingham	1900
1762	Oakland Home.....	Owner	2425
1763	Same	Same	2425
1764	Same	Same	2425
1765	Same	Same	2425
1766	Same	Same	2425
1767	Same	Same	2425
1768	Same	Same	2425
1769	Same	Same	2425
1770	Same	Same	2425
1771	Same	Same	2425
1772	Same	Same	2425
1773	Same	Same	2425
1774	Same	Same	2425
1775	Same	Same	2425
1776	Same	Same	2425
1777	Same	Same	2425
1778	Same	Same	2425
1779	Key Route	S. F. Bridge	4600
1780	St. Mary's	Griffin	2500
1781	Ahlbach	Ahlbach	2800
1782	Johnston	Swalley	5000
1783	Shannon	Price	4600
1784	Bischoff	Bischoff	2500
1785	Same	Same	2500
1786	Powell	Baccus	400
1787	Allen	Allen	2000
1788	Newsom	Newsom	900
1789	James	James	900
1790	Debenedetti	Owner	400
1791	Silva	Silva	1400
1792	Newly	Newly	1000
1793	Ruedy	Poss	400
1794	Peake	Peake	2500
1795	Blake	Culcharr	550
1796	Coward	Coward	2500
1797	MacKinnon	MacKinnon	1700
1798	Kessler	Kessler	2500
1799	S. F. O. T.	Fruze	2812
1800	Same	Cruz	2500
1801	Legris	Legris	400
1802	Rine	Fabing	550
1803	McDonald	McDonald	5200
1804	Cal	Nilson	15000
1805	Same	1500	
1806	Same	Lawson	2600
1807	Same	List	1160

(1745) E BROADWAY 167 N Napa.
Oakland. One-story 6-room dwelling
Owner.....Gertrude Kennedy, Pacific
Grove, Cal.
Architect ...None.

Contractor, Chambers & Dalton, 1542 Broadway, Oakland
COST, \$2500

(1716) 1385 SIXTEENTH, Oakland.
Addition.
Owner,.....R. Guissi, 1295 15th, Okd.
Architect,.....None.
Contractor, D. Lee Co, 131 Avon, Okd.
COST, \$100

(1717) NW FIFTEENTH & FRANK-
lin, Gasoline supply station.
Owner,.....Omen Oil Co., 406 Golden
Gate Ave., S. F.
Architect,.....None.
Contractor, Mortenson Constr. Co.,
19th and Indiana, S. F.
COST, \$400

(1718) NO. 127 LAKE, Oakland. Alter
Owner,.....G. C. Bishop, Premises.
Architect,.....None.
Contractor, P. G. MacIntyre, 335 34th,
Oakland.
COST, \$1000

(1719) NO. 2798 E-FOURTEENTH,
Oakland. Alterations and repairs.
Owner,.....Mrs. Thos. Macgue, Prem.
Architect,.....None.
Contractor, Jones Bros., 333 35th, Okd.
COST, \$500

(1754) N FORTY-FIFTH 300 W Shat-
tuck Ave., Oakland. One-story 5-
room dwelling.
Owner,.....L. Lenardini, Premises.
Architect,.....None.
Contractor, E. Camponosi, 5174 Miles
Ave., Oakland.
COST, \$1575

(1755) W CRESCENT 150 W Perry,
Oakland. Two-story 9-room dwlg.
Owner,.....Louis T. Tesio, 720 Broad-
way, Oakland.
Architect,.....None.
Contractor, Karl Schley, 1155 14th,
Oakland.
COST, \$4000

(1756) LOT 28 Resubdivision pth Blk
"Y," Vernon Park, Oakland. All
work for two-story frame dwelling.
Owner,.....P. A. Graham, Oakland.
Architect,.....None.
Contractor, Cederberg & Anderson,
1033 Poplar, Oakland.
Filed July 13, '14. Dated July 3, '14.
Roof sheathed and brick chimney
built\$767
S'ingled and plumbing and elec-
tric work roughed in 767
Completed and accepted 767
Usual 35 days 773
TOTAL COST, \$3074
Bond, \$6000. Surety, American Surety
Co. Limit, 35 days. Forfeit, none.
Plans and specifications filed.

(1757) SW LINDA AVE & NW GLEN
Ave SW 40xNW 100, Oakland. All
work for two-story frame apart-
ments.
Owner,.....Miss C. Alice Johnston, 919
Lincoln Way, S. F.
Architect,.....None.
Contractor, H. M. Swalley, 476 Cheney
Ave., Oakland
Filed July 13, '14. Dated July 13, '14.
Frame up and rafters in place, 1
Interior plastered and 2nd coats 1
Exterior plaster on 1
Ready for painter 1
50 days after 1
TOTAL COST, \$7600
Bond, none. Limit, 90 days after July

15. Forfeit, none. Plans and specifi-
cations filed.

(1760) S ALEXANDER COURT 114 W
35th Ave., Oakland. One-story 10-
room dwelling.
Owner,.....M. C. Bolts, 3116 Central
Ave., Alameda
Architect,.....None.
Day's work COST \$7500

(1761) S ALEXANDER COURT 116 W
35th Ave., Oakland. One-story 10-
room dwelling.
Owner,.....M. C. Bolts, 3116 Central
Ave., Alameda.
Architect,.....None.
Day's work COST \$6000

(1762) W BELGRAVE PLACE 118-4
N Napa, Oakland. Two-story nine-
room dwelling.
Owner,.....Banning & Stewart, 7215
Broadway, Oakland.
Architect,.....None.
Day's work COST \$1500

(1763) N EVELYN 225 W Vale Oak-
land. One-story 3-room dwelling.
Owner,.....E. J. Sommers and wife,
3145 Ilgin, Oakland.
Architect,.....None.
Contractor, C. F. Sprague, 1142 Evelyn
Oakland.
COST, \$750

(1764) SW E-SIXTEENTH AND 16TH
Ave., Oakland. Reshingle and re-
pairs.
Owner,.....St. Anthony's Church
Premises.
Architect,.....None.
Contractor, F. A. Brackhaug, 1226 Ni-
toma, San Francisco.
COST \$800

(1765) W TWENTY-FIFTH AVE 145
S E-21st, Oakland. One-story five-
room dwelling.
Owner,.....C. W. Gompertz Cor., Ma-
cridan and Edit, Oakland
Architect,.....None.
Contractor, Paul R. Reber, 1626
Josephine, Berk Cal.
COST, \$1500

(1766) NOS. 1921-23 E-FOURTEENTH
Oakland. Alterations.
Owner,.....M. Henas, Premises
Architect,.....None.
Contractor, Joe Brown, 1443 19th Ave.,
Oakland.
COST \$6000

(1767) NO. 149 FIFTY-FIRST Oak-
land. Alterations and repairs.
Owner,.....Otto H. Lange, Premises
Architect,.....None.
Contractor, J. W. Langdon, 1647 55th
Ave., Oakland
COST \$2000

(1768) NO. 1516 Pearl Alameda One-
story dwelling.
Owner,.....M. C. Cooke, Berkeley.
Architect,.....None.
Contractor, J. H. Locking, 1114, 2306
8th J. C. Ave., Alameda
COST \$1000

(1769) W BARTLETT 10 N Deering
Oakland. One-story 5-room dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2425

(1770) COR. BARTLETT & BROOK-
line Ave., Oakland. Alterations.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2425

(1771) NW BARTLETT & DEERING,
Oakland. One-story 5-room dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2125

(1772) W BARTLETT 80 N Deering,
Oakland. One-story 5-room dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2125

(1773) W BARTLETT 160 N Deering,
Oakland. One-story 5-room dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2425

(1774) W BARTLETT 120 N Deering,
Oakland. One-story 5-room dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2425

(1775) E PERSIMMON 150 S Brook-
line, Oakland. One-story four-room
dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....None.
Day's work COST, \$2275

(1776) E PERSIMMON 225 S Brook-
line, Oakland. One-story four-room
dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2275

(1777) E PERSIMMON 262 S Brook-
line, Oakland. One-story four-room
dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2275

(1778) E PERSIMMON 187 S Brook-
line, Oakland. One-story four-room
dwelling.
Owner,.....Oakland Home Corp., 1st
National Bank Bldg., Okd.
Architect,.....C. C. Dakin, 1st National
Bank Bldg., Oakland.
Day's work COST, \$2275

(1779) NO. 2926 FOREST, Berkeley.
Garage.
Owner,.....S. J. Gray, Premises.
Architect,.....None.
Contractor, W. A. Steep, 117 65th, Okd.
COST, \$1000

(1780) NO. 2914 FOREST, Berkeley.
Addition dwelling.
Owner,.....S. J. Gray, Premises.
Architect,.....None.
Contractor, W. A. Steep, 117 65th, Okd.
COST, \$1150

(1781) SE HASTE AND COLLEGE.
Berkeley. Addition.
Owner.....Caroline K. Laird, 2437
College Ave., Berkeley.
Architect...None.
Day's work. COST, \$300

(1782) S TAMALPAIS 100 NE Shasta,
Berkeley. Alterations.
Owner.....Daniel Gibbs, Premises.
Architect...None.
Contractor...S. W. Gibbs, Premises.
COST, \$400

(1783) W ARCH 150 S Virginia, Ber-
keley. Two-story 8-room dwelling.
Owner.....Mrs. Clara L. Preble, 2549
Dwight Way, Berkeley.
Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly
Contractor...H. T. Preble, 2549 Dwight
way, Berkeley.
COST, \$5500

(1784) S. F. BAY W. City of Oakland.
Substructure for new terminal yard
and trestle approach and remodel
present slips and wharves.
Owner.....San Francisco - Oakland
Terminal Railways, Syndi-
cate Bldg., Oakland.
Architect...None.
Contractor...S. F. Bridge Co., Nevada
Bank Bldg., S. F.

Filed July 15, '14. Dated July 8, '14.
20th day of each month..... 90%
40 days after..... 10%
COST: Cressed piles, 52.33 c per lin
ft.; untreated lumber, \$28.18 per M ft.;
cressed timber, \$61.12 per M ft.
Bond, \$150,000. Surety, Aetna Accident
& Liability Co. Limit, Dec. 15.
Forfeit, \$100. Plans and, specifications
filed.

(1785) S COUNTY ROAD from Irving-
ton to Mission San Jose formerly
known as the Gallegos Tract, Mission
San Jose. Mill work, roofing, lumber,
cement, gravel, hardware, painting,
plumbing, plastering and all labor for
remodeling two-story frame uilding.
Owner.....St. Mary's Orphanage.
Architect...None.
Contractor...F. C. Griffin & Sons.
Filed July 15, '14. Dated July 14, '14.
2nd joists up..... 1/4
Roof on 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1600
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1788) S HARWOOD AVE 160 E Col-
lege Ave., Oakland. Two-story 7-
room dwelling.
Owner.....Jos. and W. J. Ahlbach, 85
Dorland, Oakland.
Architect...None.
Day's work. COST, \$2800

(1789) SW LINDA AND GLEN AVES.,
Oakland. Two-story 16-room flats.
Owner.....C. Alice Johnson.
Architect...None.
Contractor...H. M. Swalley, 710 Walk-
er Ave., Oakland.
COST, \$5000

(1790) NE WALAVISTA AND LAKE
Shore Ave., Oakland. Two-story 6-
room dwelling.
Owner.....W. W. Shannon, 1540 San
Pablo Ave., Oakland.
Architect...None.
Contractor...Price Bros., 498 Alcatraz
Ave., Oakland. COST, \$4600

(1791) E COLLEGE 35 S 61st, Oak-
land. One and one-half-story six-
room dwelling.
Owner.....Jno. A. Bischoff, 551 Crof-
ton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1792) E COLBY 73 S 61st, Oakland.
One-story 6-room dwelling.
Owner.....Jno. A. Bischoff, 551 Crof-
ton Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1793) NE THIRTEENTH & WEB-
ster, Oakland. Alterations.
Owner.....H. A. Powell, Berkeley.
Architect...None.
Contractor...Bacous & Kennedy, 565
16th, Oakland.
COST, \$400

(1794) W BAY PLACE 250 N 24th,
Oakland. One and one-half-story 6-
room dwelling.
Owner.....O. E. Allen, 310 24th, Okd.
Architect...None.
Day's work. COST, \$2000

(1795) NO. 1532 FIFTH AVE., Oak-
land. Alter dwelling into flats.
Owner.....K. E. Newsom, Premises.
Architect...None.
Contractor...M. L. Newsom, 1532 5th
Ave., Oakland.
COST, \$800

(1796) S FOOTHILL BLVD. 1000 W
90th Ave., Oakland. Green house.
Owner.....E. James, 8635 Foothill
Blvd., Oakland.
Architect...None.
Day's work. COST, \$900

(1797) W TELEGRAPH 80 N 47th,
Oakland. Foundation.
Owner.....P. DeBenedetti, Oakland.
Architect...None.
Day's work. COST, \$400

(1798) SE TWENTY-SEVENTH AVE
and E-11th, Oakland. One-story 5-
room dwelling.
Owner.....Jno. M. Silva, 2633 E-11th,
Oakland.
Architect...None.
Day's work. COST, \$1400

(1799) W EIGHTY-FOURTH AVE 200
N Plymouth, Oakland. One-story 6-
room dwelling.
Owner.....M. Newly, 1431 79th Ave.,
Oakland.
Architect...None.
Contractor...W. L. Newly, 1431 79th
Ave., Oakland.
COST, \$1000

(1800) NO. 1423 FOURTH AVE., Oak-
land. Repairs and reshingle.
Owner.....John Ruedy, 1427 4th Ave.,
Oakland.
Architect...None.
Contractor...C. C. Foss & Son, 1242 1st
Ave., Oakland.
COST, \$400

(1802) E COLUSA AVE 200 S Joseph
Ave., Oakland. One and one-half-
story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
Architect...None.
Day's work. COST, \$2500

(1803) NO. 1456 BROADWAY, Oak-
land. Alterations.

Owner.....Blake & Moffitt Estate, 812
Broadway, Oakland.
Architect...None.
Contractor...S. Kulchar & Co., 518 4th,
Oakland. COST, \$550

(1804) S SLATFTEH AVE 450 W
Pryal, Oakland. One-story six-room
dwelling.
Owner.....J. Coward, 6081 Claremont
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1805) SW FIFTY-SEVENTH AND
Shattuck Ave., Oakland. Addition.
Owner.....W. H. MacKinnon, SE 21st
and Brush, Oakland.
Architect...None.
Day's work. COST, \$400

(1806) E BROADWAY 195 S Prospect.
Oakland. One and one-half-story 6-
room dwelling.
Owner.....J. Kessler, 1137 Linden,
Oakland.
Architect...None.
Day's work. COST, \$2500

(1808) SW TWENTY-SECOND AND
Grove, Oakland. Steam heating sys-
tem for three-story brick office bldg.
Owner.....San Francisco, Oakland
Terminal Railway, Syndi-
cate Bldg., Oakland.
Architect...Milwain Bros., Delger
Bldg., Oakland.

Contractor...L. D. Frazee, 392 11th, Okd.
Filed July 17, '14. Dated July 16, '14.
Roughed in \$ 500
Completed and accepted..... 1500
Usual 35 days..... 812
TOTAL COST, \$2813
Bond, \$1750. Surety, Illinois Surety Co.
Limit, 5 1/2 days. Forfeit, \$50. Plans
and specifications filed.

(1809) PLUMBING, SEWERS, LEAD-
ers, stand pipes, tanks, sheet metal
work, tinning and fireproofing of
door and windows on above.
Contractor...J. B. Cruz, 2632 Myrtle,
Oakland.
Filed July 17, '14. Dated July 16, '14.
Roughed in \$1318
Completed and accepted..... 2636
Usual 35 days..... 1319
TOTAL COST, \$5273
Bond, \$3000. Surety, Illinois Surety Co.
Limit, 5 1/2 days. Forfeit, \$50. Plans and
specifications filed.

(1810) E KINGSLEY 200 N E-37th,
Oakland. Two-story 7-room dwlg.
Owner.....Cyril A. Legris, 491 53th,
Oakland.
Architect...None.
Day's work. COST, \$2500

(1811) NO. 429 SIXTY-FIRST, Oakland
Addition.
Owner.....R. H. Ring, 1340 E-28th,
Oakland.
Architect...None.
Contractor...F. N. Fabing, 1251 Hop-
kins, Oakland.
COST, \$550

(1812) W TERRACE 371 NE Ridge-
way, Oakland. Two-story 16-room
apartments.
Owner.....H. H. McDonald, 278 38th,
Oakland.
Architect...None.
Day's work. COST, \$5300

(1814) SW CAMDEN AND NW GIB-
son Ave NW 549.64 SW 400 SE 494.54

NE 398.21, Oakland. Plumb and reinforced concrete work, cement plastering, grading and other work for three-story and basement reinforced concrete College building.

Owner.....California & Nevada District of German Evangelical Lutheran Synod of Missouri, Ohio and other states
Architect...Frederick D. Boese, 45 Kearny, San Francisco.

Contractor...Nilson & Arras.
Filed July 17, '14. Dated July 10, '14.
Twice a month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$15,000

Bond, \$7500. Surety, Illinois Surety Co. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

(1815) CARPENTER AND MILL work, iron work, plastering, tinning, glazing, terrazzo and other work on above.

Contractor...Wm. Martin, 1012 Buchanan, San Francisco.

Filed July 17, '14. Dated July 2, '14.
Payments same as above.....

TOTAL COST, \$15,741

Bond, \$7570.50. Sureties, D. O. Druffel and Edwin Peterson. Limit, 130 days. Forfeit, \$5. Plans and specifications filed.

(1816) PLUMBING, GAS FITTING & steam heating system on above.

Contractor...Herman Lawson, 344 4th Ave., San Francisco.

Filed July 17, '14. Dated July 10, '14.
Once a month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2600

Bond, \$1200. Sureties, W. A. Newsom and G. F. Bernard. Limit, 110 days. Forfeit, \$3. Plans and specifications filed.

(1817) PAINTING, TINTING, ETC., on above.

Contractor...Otto List, 915 Florida, S. F.
Filed July 17, '14. Dated July, —, '14.

Twice a month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1160

Bond, none. Limit, 120 days. Forfeit, \$3. Plans and specifications filed.

ARCHITECT'S CERTIFICATE.

July 17, 1914—Chester H. Miller has filed his certificate of architecture. Issued March 24, 1913. Filed March 28 1913.

SUMMARY REPORT OF BUILDING OPERATIONS.

For the Fiscal Year Ending June 30, 30, 1914. Compiled by Max Muntel, Bureau of Permits and Licenses, Oakland, Cal.

1913	No. of Permits	Amounts
Month		
July	282	\$ 660,588.25
August	337	1,080,996.40
September	354	456,424.00
October	348	777,387.45
November	217	424,226.25
December	202	1,099,621.70
1914.		
January	226	257,786.40
February	279	429,192.20
March	335	625,907.50
April	300	405,540.50
May	307	366,728.50
June	312	451,231.15
Total	3552	\$7,025,630.30

Comparison With Previous Year.
Fiscal No. of Total

Years	Permits	Cost.
1912-1913	3974	\$9,201,906.30
1913-1914	3552	7,025,630.30

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1750	Corvey	Helms	500
1751	Forrester	Sattin	650
1752	Rose	Willford	2375
1753	Cornwall	Pearson	2900
1754	Lenardini	Componosi	1575
1758	Richter	Richter	1500
1759	Reige	Hart	1000
1759	Grey	Sleep	400
1780	Grey	Sleep	1150
1781	Laird	Laird	500
1782	Gibbs	Gibbs	400
1783	Preble	Reible	5500
1786	Howell	Kollmer	3337
1787	Bullock	Bullock	600
1801	Bothin	Thaxter	400
1807	Union Invest	Owner	600

(1750) NO. 1725 FELTON, Berkeley. Alterations.

Owner.....S. C. Corvey, Premises.
Architect...None.

Contractor...Wm. C. Helms, 1727 1/2 Felton, Berkeley.

COST, \$500

(1751) S GRABER 430 E College Ave., Berkeley. One-story 3-room dwlg.

Owner.....Kate A. Forrester, 2736 Garber, Berkeley.

Architect...None.
Contractor...H. J. F. Sattin, 2536 Chilton Way, Berkeley.

COST, \$650

(1752) NW WOOLSEY & BATEMAN, Berkeley. Two-story 6-room dwlg.

Owner.....Rosina B. Rose, 5801 Dover Oakland.

Architect...None.
Contractor...H. W. Willford, 1229 Broadway, Oakland.

COST, \$2375

(1753) SW EUCLID AVE & CEDAR, Berkeley. Two-story 3-room addition to dwelling.

Owner.....Bruce Cornwall, Premises.
Architect...John Hudson Thomas, 1st National Bank Bldg., Pkly.

Contractor...Ben Pearson, 2403 Grove, Berkeley.

COST, \$2000

(1758) S DELAWARE 50 E 10th, Berkeley. One-story 5-room dwelling.

Owner.....F. C. Richter, 1039 Delaware, Berkeley.

Architect...None.
Day's work.

COST, \$1500

(1759) NO. 935 PARDEE, Berkeley. Addition.

Owner.....J. Reige, Premises.
Architect...None.

Contractor...D. E. Hart, 1075 42nd, Okd

COST, \$1000

(1786) LOT 10 BLK 4 Map Berryman Tract, Berkeley. Grading, concrete, brick, carpentry, sheet metal, electric work and painting for two-story and basement frame dwelling.

Owner.....John G. Howell, 2436 Virginia, Berkeley.

Architect...Henry H. Gutterson, 80 Post, San Francisco.

Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

Filed July 14, '14. Dated July 8, '14.

Frame up and roof boarded..... 1/4
Plastered 1/4

Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$3537.55

Bond, \$1750. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1787) W COLLEGE 90 N Haste, Berkeley. Alterations and repairs.

Owner.....A. F. Bullock, 1706 8th Ave., Oakland.

Architect...None.
Contractor...O. M. Bullock, 1706 8th Ave., Oakland.

COST, \$600

(1801) E ELLSWORTH 125 N Parker, Berkeley. Addition.

Owner.....M. Bothin, Turlock, Cal.

Architect...F. W. Thaxter, 2454 Ashby Ave., Berkeley.

COST, \$400

(1807) S DWIGHT WAY 140 W San Pablo Ave., Berkeley. One-story 5-room dwelling.

Owner.....Union Investment Co., 2516 San Pablo Ave., Oakland.

Architect...None.
Day's work.

COST, \$600

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1813	Sequoyah	Doell	3525

(1813) SW DIVISION NO. 4 in survey of partition of Rancho De San Antonio, owned by Ygnacio Peralta in his life time, now deceased, by Luis Castro, County Surveyor of County of Alameda August 29, 1871, distant

251.36 SE from W Cor. Division No. 3 NE 491.55 NE 135.84 NE 463.25 NE 800.47 NE 274.80 NE 541.26 NE 200 SE 713.01 SE 370 NE 500.39 NE 229.59 NW 298.30 NW 45 SW 201 NW 500 SW 215 NW 500 NE 390 NW 190 SW 290 NW 150 NE 288.45 NW 100 SW 630 NW 400 NE 560 N W142.34 NW 498.05 NW 300 NE 440 NW 244.70 SW 708.65 th on curve to left (rad 48.39)

SW 44.4 th curve to right (rad 274.98) 32.68 SW 163.23 SE 230.59 SW 160.82 SW 518.57 W 166.10 SW 424.47 SW 183.66 SW 159.72 SW 404.78 SW 358.10 SW 346.10 NW 148 W on curve to right (rad 354.33)

405.71 th curve to left (rad 106) 112.82 SE on curve to right (rad 79.37) 24.49 SE 235.70 SW 364.56 SW 671 SE 1368 to pt beg. Oakland.

Plumbing and drainage work for frame club house.

Owner.....Sequoyah Country Club, 328 1st National Bk Bldg., Oakland, (Thy P. J. Walker, Co. Agent), Monadnock Bldg., San Francisco.

Architect...Edward G. Garden, Pheasant Bldg., San Francisco.

Contractor...Carl T. Doell, 467 21st, Oakland.

Filed July 18, '14. Dated July 16, '14.

1st and 15th of each month.. 75%
36 days after..... 25%

TOTAL COST, \$3525

Bond, \$1763. Surety, Fidelity & Deposit Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

ALAMEDA COUNTY.

July 1, 1914—SW TWENTY-SECOND and Grove S3.13x129.33, Okd. San

Francisco Oakland Terminal Railways to Baccus & Kennedy..... June 30, 1914

July 2, 1914—LOT 4 BLK 6 Map Haddon Road, Okd. Jeannette A Jordan to Jos Flittner..... June 30, 1914

July 1, 1914—LOT 15 BLK "Y" Regents Park Tract No. 1, Bkly. E L Hiteman to whom it may concern..... June 29, 1914

July 1, 1914—LOT 17 BLK 5 Brookdale Terrace, Okd. L W Anderson to whom it may concern..... June 23, 1914

July 6, 1914—LOT 26 BLK "D" Geo W Austin's Vernon Park Tract, Glendale Ave, Okd. Caroline E Briggs to A R Dexter..... July 6, 1914

July 3, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to Anthony & Heyer..... June 26, 1914

July 3, 1914—LOT 24 BLK 1331 Beauty & Paladeau Tract being No. 3562 Marshall, Okd. Mrs Pauline De Luchi to Jos Flittner..... June 15, 1914

July 7, 1914—NW WARFIELD AVE 40 SW Cottage, being SW 10 Lot 60 and NE 30 Lot 59 Map Piedmont-by-the-Lake, Okd. J F McMath to whom it may concern..... June 26, 1914

July 7, 1914—SW SANTA CLARA & Park Aves W 27-6xS 60, Alameda. Tucker Investment Co to H C Andersen..... July 3, 1914

July 5, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont, W S Bliss to Geo M White..... July 6, 1914

July 9, 1914—LOT 31 BLK 3 Northbrae, Bkly. Albert Houston to Patrick-Nelson Bldg Co..... July 9, 1914

July 10, 1914—4 MILES FROM TP, OF Pleasanton. J Witt Dougherty to Standard Elec Con Co..... June 30, 1914

July 10, 1914—SE ADDISON & ACTON E 40xS 115, Bkly. F N Strang to whom it may concern..... July 8, 1914

July 11, 1914—S ELM (or 24th) & W Telegraph Ave W 50 S 140 E 50 N 140-6, Okd. M M Horn to McCree & Sampson..... July 10, 1914

July 11, 1914—SE DURANT & TELEGRAPH Aves th along E line Telegraph Ave 90x E 110, Bkly. J A Elston and George Clark to California Constr Co..... July 10, 1914

July 11, 1914—LOT 1 BLK "C" Map 4th Ave Park, Okd. E M F Parker and W M McFarland to A Cederborg and A H Anderson..... July 8, 1914

July 11, 1914—LOT 10 BLK 2 Colusa Ave Ext, Bkly. F R Penke Co to Patrick-Nelson Bldg Co..... July 11, 1914

July 11, 1914—SE SHAFTER AVE 43x.06 SW Kieth Ave SW 40xSE 110, Okd. Joseph Coward to whom it may concern..... July 9, 1914

July 13, 1914—SW AYALA AVE 115 NE Martin NE 36xS 135, Okd. Mrs A Filben to Mager Bros..... July 10, 1914

July 13, 1914—LOT 22 and NW 15 Lot 21 Bkly "B" Amended Map Fairview Tract, Oakland Tp. Chas Stutson Wheeler to C W Reed..... July 10, 1914

July 13, 1914—LOT 7 Resbvdn Bkly 87 Highland Park, Alameda Co. Matilda B Levin to Roy B Litton..... July 11, 1914

July 13, 1914—N MATHER 130 from N Ine Gilbert th along Mather 40 being pth Bkly "J" Map No. 2, Highland Terrace, Okd. Wallace Clark to whom it may concern..... July 1, 1914

July 13, 1914—W GRANT 50 N Addison N 46xW 100, Bkly; W Grant Ave 130 N Maddison, Bkly. Alameda County Home Bldrs Inc to Otto Mailanen..... July 11, 1914

July 13, 1914—NE W-FOURTEENTH

& Peralta th along 14th \$0.05 being ptn Lots 19, 20, 21, 22 Bkly 581 Map Peralta and Center St. Lands, Okd. Wallace Clark to whom it may concern..... July 11, 1914

July 14, 1914—SW WOOD AND GOSS 100x100, Oakland. Miss Elizabeth Becker and Mrs Marla Sander to Jos Flittner..... July 8, 1914

July 15, 1914—SE SARATOGA AVE and NE Elm NE 120xSE 132.50, Brooklyn Tp. Emma M Blom (widow)..... \$4000

July 15, 1914—LOT 19 BLK "H" Map Northbrae Terrace, Bkly. Amanda J Arps (wf E G)..... \$4000

July 15, 1914—ENTER LINE BAY View Ave \$82.96 NE Sunnyside NE 335.07 SE 327.62 SW 194.64 NW 296, Brooklyn Tp. Mary F Silva (wf Manuel F)..... \$4000

July 16, 1914—LOTS 339 AND 340 Map Stone Orchard, Alameda Co. Wm and Hatty Fried to whom it may concern..... May 29, 1914

July 16, 1914—ADELINE NO. 3209, Okd. Joseph Giani (by J A Valadon) to James Grimmins and E J Coleman..... July 15, 1914

July 17, 1914—NE S. MARY'S AND Pleasanton Avenue E 65xN 125, Pleasanton. Anton Petersen to C A Bruce..... July 14, 1914

July 17, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to Reinhardt Planing Mill Co..... July 16, 1914

LIENS FILED.

ALAMEDA COUNTY.

July 1, 1914—LOT 27-B 22 Map North Cragmont Tract, Oakland Tp. L E Wilber vs Frank A and Dorothy M Brown and Patrick Nelson Bldg Co..... \$100

July 1, 1914—NW SOUTH COURT being ptn Lots 82 and 83 Map Pleasant Valley Court, Okd. Edna Louise Carey (wf James A)..... \$4500

July 3, 1914—NE JONES & THIRD N 100x E 172, Bkly. Augustine Huillade (wf Auguste)..... \$5000

July 3, 1914—LOT 55 AND S 16 Lot 54 Map Loma Vista Tract, Okd. Edward A Goodfellow..... \$400

July 3, 1914—LOT 37 Map Santa Fe Tract No. 16, Okd. Eva J Ericson (wf Joe Edwin)..... \$5000

July 3, 1914—TELEGRAPH AVE NOS 3917, 3919 3923, Okd. Luke Dempsey vs W H McKinnon and W A Williams..... \$45

July 6, 1914—LOTS 57 AND 58 BLK 2 Map Briggs Tract, Okd. John Souza..... \$1500

July 7, 1914—N FAIRVIEW 40 W King W 40xN 105, Bkly. Ida Ekstorm (wf Chas A)..... \$3500

July 7, 1914—LOTS 97, 98, 99, 100, 101 and 102 Rosa Lee Tract No. 2, Okd J B Henderson..... \$4000

July 9, 1914—LOT 26 Map Alta Piedmont Tract, Piedmont. A A Story vs John Heafey..... \$273.25

July 10, 1914—N SANTA CLARA AVE 209.74 E Third Ave E 50x166 3-12, Ala. Phillip Orbell vs Ida E Hermes..... \$41.50

July 14, 1914—LOT 143 Map Higgins Tract, Oakland Tp. John P Maxwell vs F H Dailey and O M Bullock..... \$21.57

July 15, 1914—E PIEDMONT AVE 134 S Stuart S 38 E 125 S 42 W 5 S 3 E 30 N 93 W 30 S 10 W 120, Bkly. F W Foss Cova L E Parks and A M Lambert..... \$56.59

July 16, 1914—LOT 3 BLK 56, Town of Niles. Niles Lumber & Milling Co vs J A and Annie M Silva and F C Griffin & Sons..... \$68.85

July 17, 1914—LOT 3 BLK 56, Town of Niles. L A Vieux vs J A Silva..... \$65

July 17, 1914—LOT 21 BLK "D" Map Piedmont Knoll, Okd. Redwood Mfg Co vs Wickham Havens, Inc, East Bay Home Builders, J Davidson and H L Wood..... \$455.39

SAN JOSE AND THE SANTA CLARA VALLEY

MAUSOLEUM—1 story, concrete and granite. Cost not stated. Home of Peace Cemetery, San Mateo Co, Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, J. J. Mack. The mausoleum has been designed in the classic style and will be circular in shape with a number of large granite columns hand carved. Interior will be arranged for eight receptacles. Marble and Caen stone will be used for interior finish. There will be a large amount of ornamental bronze, iron and art glass. Exterior will be faced with granite and marble. Plans are being prepared.

ASSOCIATION BUILDING—3 or 4 story and base, brick and steel, \$100,000. San Jose, Santa Clara Co., Cal. Architect, William Binder, Rea Bldg., San Jose. Owners, Young Women's Christian Association. A site has been secured and preliminary plans have been prepared for a suitable building. Details of construction have not been completed and further mention will be made of the work as the plans progress.

LIENS FILED.

SAN MATEO COUNTY.

RECORDED	AMOUNT
July 11, 1914—LOT 6 BLK 3, Crystal Springs Park, San Mateo. E K Nelson vs Collman & Collman and William C Duncan.....	\$770
July 10, 1914—LOT 26 BLK "C" Mission Street Tract, Daly City. H H Smith vs Betsy & Ben Wadler.....	\$30.85
July 11, 1914—LOTS 4 and 5 BLK 11, East San Mateo. Cederborg & Anderson, \$396.30; Bond & Jones, \$112.89; Adolph Widell, \$78.60; B S Hanson, \$192.64; Oscar L Zeis (as Diamond Plumbing Co.), \$203; Loop Wisnom Lumber Co., \$1673.93 vs S A Nelson and C W McElwain.....	
July 14, 1914—WOODSIDE near Redwood City. H Lansfield, \$8.90; Dow Turner, \$271.40; C A Stevenson, \$26.50 vs Jefferson J Graves, W and J Sloane cpm, and P H Patterson..	

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED	ACCEPTED
July 9, 1914—REDWOOD CITY. Horace Hawes Gymnasium to Donnelly & Waller.....	July 9, 1914
July 10, 1914—FLORIBUNDA AVE & Almer Road, Burlingame. Alice Hager to Jas P Fletcher, July 2, 1914	July 10, 1914
July 10, 1914—LOT No. 75 MAP NO. 1 of Sbdn No. 2 of a ptn of Wellesley Park. Charles Miller to whom it may concern.....	July 10, 1914

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San Francisco

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

SCHOOL—1 story and base, frame and plaster, \$12,000. Kentfield, Marin Co., Cal. Architect, Edwin Schaefer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building will be designed in the Mission style and will contain four class rooms. Interior will be finished in pine throughout with some oak floors. Plans provide for a warm air system of heating. Modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are now being prepared.

SCHOOL—2 story and base, brick or reinforced concrete, \$52,000. Richmond, Contra Costa Co., Cal. Architects, Stone & Wright, 24 So. California street, Stockton. Owners, City of Richmond. These architects have just been commissioned to prepare plans for the new school building which will be erected at the corner of 23rd and Main streets. Plans will be drawn for a twelve-room school with a large auditorium. There will be steam heat, oil burning plant, vacuum cleaning and program clocks. Interior will be finished in pine with maple floors. Exterior will be faced with either pressed brick or cement plaster. Further mention will be made of the work as plans progress.

SCHOOL—2 story and base, brick and concrete, \$52,000. Pittsburg, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg Union High School District. Bids opened on July 15th for this work show L. G. Burgen & Son of San Francisco low on the general construction at \$67,450, and Siebert Co. low on the heating and ventilating at \$8,524. All bids were in excess of the amount available and will be rejected. Plans will be revised and new figures called for shortly.

Contracts Awarded.

HARBOR DREDGING—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer Posey, Richmond. Owners, City of Richmond. Bids opened for this work show the Western Reclamation Co. low at \$4,975, and the Cutting Estate Interests second at \$6,000. An award of contract has not been made.

Pittsburg School Bids Are Opened.

Four Bidders on General Construction
And Same Number For Heating.
Will be Re-advertised.

PITTSBURG, Contra Costa Co., Cal. —Only four sets of figures were received by the Board of Education on July 15th for the general construction of the new two-story brick school building, designed by Architect A. W. Cornelius. Four sets of figures were also received for the heating and ventilating. All bids were in excess of the amount available and plans will probably be revised and new figures called. Following is a complete list of the bids:

General Construction Pittsburg School.
H. C. Warwick, S. F. \$74,997
Teichert & Ambrose, Sacramento 74,900
L. G. Burgen & Son, S. F. 67,450
Dunnivant-Houghton-Van Sant
Company, S. F. 71,950
Heating, Pittsburg School.
J. C. Hurley, S. F. \$ 8,790
Pacific Fire Ext. Co., S. F. 10,598
Royal Heating Co., S. F. 13,125
Siebert Co., S. F. 5,524

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
July 11, 1914—LOT 16 RACE TRACT Sbdvn to Town of Concord. Oren-McGuire Lumber Co to Charles Kauffelt	\$ 8,790
July 11, 1914—LOTS 25 AND 26, Olsen Sbdvn R N Burgess Co's Map No., Olsen Sbdvn. Oren-McGuire Co to William Pearson.....	10,598

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

WHARF—Timber construction, \$2,500. Sacramento, Cal. Engineer, Engineering Dept. Associated Oil Co., Sharon Bldg., S. F. Owners, Associated Oil Co. Plans are complete and the work has been started by Day Labor on the construction of a timber wharf on the westerly side of S street in the F. A. Miller Tract. Details can be secured from the owners.

WAREHOUSE—1 story and base, terra cotta tile, \$6,000. Sacramento, Cal. Architect, none. Owners, California Almond Growers' Exchange, People's Bank Bldg., Sacramento. The

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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building will be erected on C street between 18th and 19th streets, and will cover a considerable ground area. Interior will be finished in pine and plaster. There will be modern electric work and plumbing. Exterior will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,000. Sacramento, Cal. Architect, none. Owner, Alice Thompson, care F. Stephenson Bros., Franklin street, Sacramento. The building will be erected on 23rd street north, and will contain two modern flats of four and five rooms. Interior will be finished in pine with some redwood. There will be oak floors in the living and dining rooms. Open fire places are specified and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

JAIL—2 story and base, brick, \$30,000. Red Bluff, Tehama Co., Cal. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Tehama County. Contractor, R. W. Moller, San Francisco, general construction. Contract price, \$30,000. Note: All bids for the steel cell work and jail furnishings were rejected and new bids will be called.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

NO. 1809 C ST., on W 60 feet Lot 7, B. C. 18th and 19th Sts., Sacramento. One-story terra cotta tile building. Owner, California Almond Growers' Exchange, 708 Peoples' Bank Bldg., Sacramento. Architect, none. Day's work, COST, \$5500

TENTH AND K STS., on ptn Lot 8, J. K. 10th and 11th Sts., Sacramento. Re-model elevator shaft and install Otis elevator at Physicians' Bldg. Owner, Physicians Bldg. Co., 1005 K St., Sacramento. Architect, none. Contractor, Otis Elevator Co., Forum Bldg., Sacramento. COST, \$3000

MONTEREY AVE., bet. California and Railroad Ave, Lot 1026, Elmhurst. Four-room frame residence. Owner, D. C. Jenkins, Rincon Ave., Elmhurst. Architect, none. Day's work, COST, \$950
LOT 4 BLK 43, South Sacramento on

Madrone, bet 35th and 36th Sts., Sacramento. Remove building from Lot 13 Blk 31, South Sacramento.
Owner.....E. A. Thelle, Caro R. O. Kimbrough's Hardware Store, J St., Sacramento.
Architect...None.
Contractor...Keating & Holt, Forum Bldg., Sacramento.
COST, \$880

NOS. 1508-1510 TWENTY-THIRD N 40 feet of S 80 feet of E 67 feet Lot "A," O, P, 22nd and 23rd Sts., Sacramento. Two flats.
Owner.....Alice Thompson, Care F Stephenson Bros., Franklin, California.
Architect...None.
Day's work.....COST, \$3600

WESTERLY OF S 110 FEET OF F. A. Miller Tract, bet Sacramento River and Railroad and abutting on N line of Y street Sacramento. Build wharf on Sacramento River.
Owner.....Associated Oil Co., Sharon Bldg., San Francisco.
Architect...None.
Day's work.....COST, \$2500

NOS. 3801 SIXTH AVE., Loc 213 South Oak Park, Sacramento. One-story grocery store.
Owner.....Mrs. C. M. Bourne, Prem.
Architect...None.
Contractor...C. M. Bourne, South Oak Park, Sacramento.
COST, \$250

NOS. 3114 S ST., Lot 4, T Court in Blk S, T, 31st and 32nd Sts., Sacramento. One-story 5-room building.
Owner.....Wm. H. Towers, 3507 Park Ave., Sacramento.
Architect...None.
Contractor...Hunt Bros., 2926 S St., Sacramento.
COST, \$1600

NOS. 1201-1207 J ST., Lot 10 Blk I, J, 12th and 13th Sts., Sacramento. Remove plaster ceiling and substitute beaver board on Diepenbrock Theatre.
Owner.....M. H. Diepenbrock.
Architect...None.
Contractor...Robert Trost, 26th and Howard, San Francisco.
COST, \$950

7 ST., bet 33rd and 34th Sts., Lot 3 Allen & Leitch Tract Blk V, W, 23rd and 24th Sts., Sacramento. One-story dwelling.
Owner.....W. P. Phillips, 4011 Cypress Ave., Sacramento.
Architect...None.
Contractor...W. B. Phillips, 4011 Cypress Ave., Sacramento.
COST, \$2000

SACRAMENTO SOUTHERN R R, North of U Street on Blk 6, Brannan Addn., Sacramento. Frame building covered with galvanized iron for blacksmith shop.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Day's work.....COST, \$200

SACRAMENTO RIVER on N Bank of Second Bannan Slough, Sacramento. Erect pumping plant.
Owner.....Natomas Consolidated of California, Forum Bldg., Sacramento.
Architect...None.

Contractor...Electric & Machine Equipment Company.
Filed July 11, '14. Dated June 30, '14.
COST, \$12,685
Forfeit, \$25 a day. Limit, Dec. 15, 1914

NOS. 126 J ST., E 80 feet Lot 8, J, K, 1st and 2nd Sts., Sacramento. One-story addition on rear of building.
Owner.....Amelia Gregory, 1205 15th St., Sacramento.
Architect...None.
Contractor...Peter Leoni, 1330 V St., Sacramento.
COST, \$2000

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

EL DORADO, bet Main and Weber Ave., Lot 16, Stockton. Remodel interior of brick building.
Owner.....Matilda Sacconi.
Architect...None.
Day's work.....COST, \$1500

WILLOW, bet Madison and Monroe, Lot 10, Stockton. Frame building.
Owner.....H. F. Warmpelmair, 332 E-Oak St., Stockton.
Architect...None.
Day's work.....COST, \$2100

NOS. 721 N-CALIFORNIA ST., Stockton. Remodel frame building.
Owner.....Miss A. E. Loley.
Architect...None.
Day's work.....COST, \$2800

THE OAKS S 1/2 Lots 9 and 11 Blk 10, Stockton. Erect frame building.
Owner.....W. J. Remdle.
Architect...None.
Day's work.....COST, \$2200

NOS. 920-930 E-MAIN ST., Stockton. Repair interior frame building.
Owner.....Raggio & Holman.
Architect...None.
Day's work.....COST, \$400

GRANT, bet. Market and Washington, Lot 16, Stockton. Frame building.
Owner.....F. B. Clark.
Architect...None.
Day's work.....COST, \$500

POPLAR, bet. Ophir and Pilgrim, Lot 5, Stockton. Erect frame building.
Owner.....H. V. Dobson, 1406 E-Washington, Stockton.
Architect...None.
Day's work.....COST, \$1400

SUTTER, bet. Rose and Magnolia, Lot 13, Stockton. Remodel frame bldg.
Owner.....Mrs. Emma Powell, 1130 N-Sutter, Stockton.
Architect...None.
Day's work.....COST, \$1500

EL DORADO, bet Main and Weber Ave., Lot 16, Stockton. Remodel and add to brick building.
Owner.....Josiah C. Caine, 27 S-El Dorado St., Stockton.
Architect...None.
Day's work.....COST, \$12,500

CORNER SONORA & STANISLAUS Sts., Stockton. Two-story frame building.
Owner.....Mrs. D. Mollenhaur, 327 E-Washington, Stockton.
Architect...None.
Day's work.....COST, \$3200

OAK, bet. Madison and Monroe, Lot 10 Stockton. Remodel frame building.

Owner...Margaret L. Mace.
Architect...None.
Day's work.....COST, \$500

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
July 13, 1914—W 1/2 LOT 6, G, H, 13 and 14th Sts., Sacramento. Fred C Wallner to A. Holdener. July 7, '14

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
July 10, 1914—Lot 3, V, W, 21st & 22nd Sts., Sacramento. O S Sarsl vs A D Nicholson and J Paulding Edwards\$197.50

COMPLETION NOTICES.

SACRAMENTO COUNTY.

July 14, 1914—N 20 FEET Lot 7 Blk 55, Oak Park, Sacramento. Vincent Marinkovich to J A SilvaJuly 13, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BANK AND TRUST BUILDING—1 story and base. Class A construction, \$100,000. Fresno, Fresno Co., Cal. Architect, George William Kelham, Sharon Bldg., S. P. Owners, represented by S. N. Griffith, Fresno. The building will be erected on J street near Mariposa, and will cover an area of 50 by 100 feet. The design will be in the classic style and construction will be fireproof throughout. A complete steel frame, reinforced walls, doors and roof slabs will be used. Interior will be finished in metal trim, marble and hardwood. There will be steam heat, special fireproof vaults and ornamental bronze and plaster. Exterior of the building will be faced with granite and marble. Plans are now being prepared.

FLAT—2 story and base, brick, \$5,000. Fresno, Fresno Co., Cal. Architect, W. F. Bowman, Fresno. Owner, C. J. Krieger. The building will be erected at the corner of Tuolumne and F streets, covering an area of 10 by 60 feet. There will be a store on the first floor and one modern six room flat on the upper floor. Interior will be finished in pine. There will be an open fire place in the living room. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BUILDING CONTRACTS.

FRESNO COUNTY.

BLOCK 132, Fresno. All work for one-story brick shop for school purposes.
Owner.....Fresno City School Dist., Fresno.

Architect...Coates & Traver, Fresno.
Contractor...E. P. Smith & N. E. James Fresno.

Filed July 10, '14. Dated July 7, '14.
Brick work up to trusses, plates on right wing.....\$2000
Same on left wing.....1800
Ready for roof.....3000

Cement floor finished.....	1000
Ready for paint.....	1000
When completed.....	6365
Usual 35 days.....	5725

TOTAL COST, \$22,890

Bond, none. Limit, 65 working days.
 Forfeit, \$20 per day. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—1 and 2 story, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan. Van Nuys Bldg., L. A. Owner, J. Benton Van Nuys. The dwelling will be erected in Windsor Square, and will contain in the neighborhood of 20 rooms, 5 baths and sleeping porches. A two-story garage will also be erected on the property. Interior finish will be of pine and hardwoods. There will be a central heating system and vacuum cleaning. Exterior of both the house and garage will be covered with cement plaster. Plans are now being prepared.

WAREHOUSE—5 story and base. Class A construction, \$60,000. Los Angeles, Cal. Architect, George F. Costerisan and J. F. Kavanaugh, California Bldg., L. A. Owners, Dixon Art Glass Co. The building will be erected at the northeast corner of Griffith avenue and 31st street, covering an area of 80 by 140 feet. Construction will be fireproof throughout with reinforced concrete walls and floors, metal window sash and frames and fireproof interior partitions. Interior finish will be of pine throughout. There will be elevator service, hot water system and hardwood finish in the office. Exterior of the building will be faced with cement plaster. Plans are complete and work will be done by Day Labor and subcontract.

FREIGHT SHED—1 story and base, reinforced concrete, \$198,000. Los Angeles, Cal. Engineer, Chief Engineer G. W. Harris, Kerschhoff Bldg., L. A. Owners, Santa Fe Railroad Co. The building will be erected on Santa Fe avenue near the present passenger station and will cover a ground area of 800 by 60 feet. Construction will be fireproof throughout. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL—2 story and base, hollow tile construction, \$125,000. Van Nuys, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Van Nuys School District. The building will cover an area of 214 by 40 feet and has been arranged with a central building and two wings. The central portion will contain an auditorium and gymnasium. Wings will be arranged for six class rooms, principal's office, teachers' rooms, lecture room, departments of domestic science and manual training and agriculture. Auditorium with gallery will seat 800 people. Plans provide for steam heat, modern school plumbing and program clocks. Interior will be finished in pine with maple floors in the class rooms. There will be reinforced concrete stairways and corridors. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

THEATRE AND STORES—1 story and base, reinforced concrete, \$80,000. Pasadena, Los Angeles Co., Cal. Architect, Reginald D. Johnson. Staats

Bldg., Pasadena. Owners, Pasadena Theatre Co. The building will be erected just west of the Casa Grande Hotel near Colorado avenue. There will be a number of stores besides the theatre. Construction will be fireproof with reinforced concrete walls and floors. Fireproof interior partitions will be used. Interior of the building will be finished in pine with ornamental plaster in the theatre. Steam heat and a modern system of ventilating will be installed. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

HOTEL—3 story and base, frame and plaster, \$200,000. Pasadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernia Bldg., L. A. Owners, Maryland Hotel Co. Contractor, John L. Connor, 435 West 31st street, L. A. Contract price, \$200,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—4 story and base, brick and steel, \$85,000. Portland, Ore. Architects, Camp & Dupuy, 26 East Alder street, Portland. Owner, C. W. Pallett. The building will be erected at the northwest corner of 18th and East streets, covering an area of 100 by 150 feet. There will be a large number of three and four room suites arranged around an open court, 45 by 90 feet. Interior finish will be of pine with hardwood veneer and floors. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Plans are complete and figures are being taken.

HOTEL—2 story and base, brick, \$20,000. Salem, Ore. Architect, Fred A. Legg, Salem. Owner, George F. Rogers. The building will cover an area of 75 by 166 feet and has been designed for stores on the first floor besides the hotel office, lobby and dining room. There will be in the neighborhood of 60 guest rooms on the second floor. Interior finish will be of pine and hardwood. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LODGE HALL—3 story and base, brick and steel, \$80,000. La Grande, Ore. Architects, Houghtaling & Coughan, Henry Bldg., Portland. Owners, La Grande Elks' Hall Association. The building will be erected on a corner lot covering an area of 60 by 100 feet. There will be a number of stores on the first floor and lodge rooms, offices and banquet rooms above. Interior will be finished in pine and hardwood. There will be steam heat, elevator service and a large swimming tank. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—3 story and base, brick, \$100,000. Eugene, Ore. Architects, Hunzicker & Prouse, 1, O. O. F. Bldg., Eugene. Owners, Eugene High School District. The building will contain ten class rooms, domestic science and manual training departments, teachers'

rooms, principal's office and a large auditorium. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and modern school plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on July 29th. Plans and specifications can be secured from the architects.

Contracts Awarded.

WAREHOUSE—2 story and base, brick, \$17,000. Portland, Ore. Architects, Emil Schaacht & Son, Commonwealth Bldg., Portland. Owner, C. Henry Labbe, Contractors, Brayton Engineering Co., Pittcock Bldg., Portland. Contract price, \$17,000.

HOTEL—2 story and base, reinforced concrete, \$26,000. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, A. and C. Feldenheimer, Contractors, Palmer & Ellison, Henry Bldg., Portland. Contract price, \$26,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, brick and steel, \$70,000. Seattle, Wash. Architect, W. P. White, Transportation Bldg., Seattle. Owners, Seneca Investment Co. The building will be erected at the corner of 8th avenue and Seneca street, covering an area of 60 by 116 feet. There will be a total of 50 apartments of two and three rooms. All suites will have wall beds and private bath rooms. Interior will be finished in pine and hardwood veneer with oak floors in the living rooms. Plan provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

COURT HOUSE—2 story and base, brick and reinforced concrete, \$15,000. Port Angeles, Wash. Architect, Francis W. Grant, Melhorn Bldg., Seattle. Owners, Clallam County. The building will cover an area of 70 by 100 feet, and has been designed to contain the county jail as well as the various county offices, court rooms and supervisors' chambers. Interior will be finished in pine with some hardwood. There will be steam heat, a clock system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and separate bids are now being taken for the general construction, heating and ventilating, plumbing, electric work, jail work and clock system. Bids will be opened on August 1st.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$10,000. Olympia, Wash. Architect, W. P. White, Transportation Bldg., Seattle. Owners, Capitol City Apartment Co. Contractor, R. M. Foutes, 7th and Pike streets, Seattle. Note: This contract has been taken on a percentage basis.

RESIDENCE—2 story and base, brick, \$20,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owner, Albert Rhodes, Contractor, Harvey Allen, 1120 John street, Seattle. Contract price, \$20,000.

HOSPITAL—1 story and base, Class A construction, \$200,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Own-

ers, Tacoma General Hospital. Contractor, J. E. Bennell, 760 Commerce street, Tacoma. Contract price, \$200,000.

POST OFFICE—3 story and base, brick and steel, \$86,827. Vancouver, B. C. Architect's name not given. Owners, Canadian Government. Contractors, Whiteside & Williamson, Vancouver, B. C. Contract price, \$86,827.

RAILROAD STATION—1 and 2 story and base, brick, \$10,000. Walla Walla, Wash. Engineer, Engineering Dept. Northern Pacific R. R. Co. Owners, Northern Pacific Railway Co. Contractor, M. J. Hurson, Globe Bldg., Seattle. Contract price, \$10,000.

UNITED STATES CIVIL SERVICE EXAMINATION.

HEATING AND VENTILATING ENGINEER (MALE).

August 5, 6, 1914.

The United States Civil Service Commission announces an open competitive examination for heating and ventilating engineer, for men only, on August 5 and 6, 1914. From the register of eligibles resulting from this examination certification will be made to fill a vacancy in this position at \$1,500 a year in the United States Military Academy, West Point, N. Y., and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The appointee should be thoroughly familiar with direct and indirect heating of large buildings: the thermograde and thermostat systems of regulation; the operation of motor-driven fans; steam fitting; regulation of reducing valves, steam traps, etc.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

Subjects.	Weights.
1. Practical questions in heating and ventilating (involving a competent knowledge of mathematics and plumbing, and of heating and ventilation of buildings, both theoretical and practical)	35
2. Drawing and design (involving ability to design and draw plans, etc., for the heating and ventilating plants of modern public buildings)	35
3. Training and experience.....	30

Total 100

Eight years' experience in the design, installation, or operation of heating and ventilating plants is a prerequisite for consideration for this position. A technical education in engineering will be considered equivalent to not more than four years of these eight.

Persons who meet the requirements and desire this examination should at once apply for application Form 1312, stating the title of the examination for which the form is desired, to the United States Civil Service Board at San Francisco.

Issued June 25, 1914.

There has been an initiative petition circulated among the voters to prevent the placing on the ballot the proposition to vote on a prohibition amendment sooner than eight years after a vote has once been taken. It is pro-

mulated by the Royal Arch, a body composed of the wholesale liquor dealers of the State. Its object is to prevent the agitation of the question every year and prevent the expenses of these elections after the matter has been settled either one way or the other. But the method undertaken works against itself. It would defeat its own object and nullify the initiative provision itself. As an instance of the view taken by many people the following editorial from the Fresno Republican is an example:

FOOLISH PROPOSAL.

The California Grape Protective Association, formed primarily for the purpose of opposing the proposed state wide prohibition amendment, has sent out a circular repudiating the proposed Royal Arch amendment designed to prevent all voting on the wet and dry question for eight years. The Royal Arch amendment provides that if state wide prohibition should be defeated there are to be no more liquor elections held in California for eight years, and moreover, the vote on the amendment is to determine the wet or dry status of every local option unit in the state.

The Grape Protective Association accepts the principle of local option, now that it is an established fact, although it was not ever thus. It makes the further point, too, that the Royal Arch amendment confuses two distinctly different principles, and does so to the jeopardy of its own interests. Under the Royal Arch amendment, it would be necessary for every town and supervisorial district that did not want saloons for eight years to vote for state wide prohibition. Quick to see that point, the Grape Protective Association shows the political sagacity to oppose and repudiate the latest move of the Royal Arch. It is a curious thing that for asinine politics for many years the Royal Arch has shown a wonderful facility.

As a matter of good politics, the Grape Protective Association has taken the right course, and if the Grape Association has become a real and sincere convert to the doctrine of local option, so much the better. The real objection to the Royal Arch proposal, however, is a political objection. It is an attempt to defeat the very purpose of the initiative. That device of government is designed to permit the people to have a direct voice in government, but it is seriously proposed that the people use their power to deprive themselves of their power.

The whole thing is fundamentally ridiculous. In a popular government all power resides in the people. The people can limit the power of their presidents, governors and legislatures. They can adopt as rigid constitutions as they please and vouchsafe as little power as they feel in the mood. In fact, something like this was done in the present constitution of California, when under the sand-lot agitation, the people were in no mood to trust their chosen representatives of government, but for the people by a constitutional enactment to solemnly deprive themselves of power is the acme of folly, especially as the people, inherently possessing full governmental power could as readily undo their own tying at any time they felt so disposed.

The Referee, a paper devoted to the sporting interests and pugilistic en-

terprises of this city has a comment on Abraham Ruef and asserts that he is a power even in prison and that in the coming election the Governor will lose a great many votes because of his attitude in the matter. It also asserts that the newspapers favor the pardon of Ruef and that Older's support of Johnson is half-hearted in consequence and that had Johnson's statement come earlier in the campaign that Older would have broken with him.

This may be true. For it seems that the whole attitude of Older in the matter is taken up with the idea of freeing Ruef. And if he is sane there is certainly no reasonable explanation for his attitude if he is an honest man.

If Ruef was to be pardoned tomorrow this whole movement in favor of the injured criminal would collapse. All this sloppy sentiment over the injured criminal, all this imbecilic drivel about the wrongs of society would subside in a moment and the poor friendless criminal could rot in oblivion so far as Older and the slob sisters are concerned.

As to newspapers in San Francisco, we certainly have a prize bunch. There is M. H. De Young, and William Randolph Hearst and Fremont Older. And Governor Johnson has to depend upon these for publicity so far as the reading public of San Francisco is concerned. There is one good thing, however, he can talk and the people go to hear him, and when he speaks it is always like his statement in the Ruef case—there is never anything left to say. And if all the people would go to hear him there would be few, if any, fair minded men left to support the old guard who seek to divert the people from the principles of free government.

Of course the criminal element and the underworld will vote against Johnson and in favor of Ruef. Did not the Chronicle and the Examiner aid and abet the element that dogged Francis J. Heney and the graft prosecution? And did not that same attitude result in the attempted assassination of Heney and the dynamiting of Gallagher's home in Oakland? And now the Bulletin is in the attitude of trying to override the equal protection of the laws.

Governor Johnson certainly has to depend upon the good sense and independent thinking of the common people of San Francisco. In the state the really representative newspapers are with him. The Sacramento Bee and the Fresno Republican, the really ably edited newspapers that have a reputation throughout the country, are his most zealous supporters. And confronting an election where he comes before the people on a record of achievement such as no man ever had before, he is confronted with the situation that he is appealing to them on principle alone and asking them to lay aside political and personal prejudice. It is time for the yeomanry of the state to rally to his support for the attack is being made not in the open, not on the great reforms that have been effected, not on the commissions that the old guard would abolish, but on the hundred and one little personal things that do not concern the vital principles of government.

The report of registration frauds in Alameda county bring up a situation

that is to be regretted, especially on the part of the Progressive party. For all the old guard have been waiting for four years for such a thing to happen and in all human probability it would happen in the course of time. For the practical politician aligns himself with any party where he sees probable success and the hope of gain for himself. So in any new movement or in any reform there are those who are in it for their own ends and they carry with them the methods of the politician in any field. Of course the old guard will claim that these men were appointed to do dirty work. But it is the condition that they know. That it is up to the people to judge the Johnson administration by what it has accomplished, to judge the leaders by the manner in which they have met responsibilities and then determined whether or not these men have acted fairly and honestly with the people.

The report is that the Eastern holding company of the United Railroads had no knowledge of the investment of Calhoun in the Solano Irrigated Farms project. And it is the natural thing to believe that had the real estate scheme gone through and the speculation have materialized it would have been Mr. Calhoun that would have realized the profits and not the stockholders of the United Railroads.

If there is any difference between this kind of an act and the banker who uses the funds of the bank to speculate or play the races we fail to see it. Yet Calhoun is the man who has long been held up to the public of San Francisco as possessing such marvelous ability in financial matters that it amounted to genius. If this work stamps a man as a genius there are many embezzlers now serving time who should have the same kind of a rating.

The reports in papers state that the minority stockholders in the New Haven Railroad will sue the directors for 206 million dollars. This to recover money wherein one of the best paying railroads in the United States was wrecked. And this condition was brought about by Morgan and the great financiers whom the champions of special privileges would have us believe possess all the wisdom of the world and should guide the financial destiny of the nation.

Relative to the action now pending by the government to compel a dissolution of the corporation the Fresno Republican has this to say:

"The situation has demanded and is demanding a solution of the difficulties of corporative management too large to be left to the petty jealousies of partisan politics. A large majority of the members of Congress, of all parties have shown themselves ready to support the administration in a vigorous course that would compel trust managers, handling not their own money, but the money of tens of thousands of investors, to deal in an honest and conservative fashion with the funds committed to their judgment. President Wilson himself has started out with a view to going at least half way toward national supervision.

But both the President and Congress have seemed, during the last month, to be wavering in the face of the talk of big business that big business must be left undisturbed to work out not only its own fortunes but the fortune

of all the people of the country without any supervision whatever. Big business has bullied little business into the notion that people would cease to eat and wear and build homes if the nation forbid the Morgans and Mellens to use their own arbitrary will in the reinvestment of the millions they get from banks, insurance companies and other avenues for gathering up popular savings.

The revelations, therefore, of the Interstate Commerce Commission, in their timeliness, are a thousand times more important than would be any trial and conviction, later on, through the Department of Justice, of any particular director of the New Haven company."

Several immense dams are being constructed throughout the state that will impound vast volumes of water, in some cases under tremendous pressure. Some of these dams are being constructed of concrete and some of earth. In any case ample provision should be made for the inspection in the course of construction as well as for examination during the period of maintenance. For all of these dams are at high altitudes in the mountains. The valleys below are endangered by the storage of the water above if the dams should ever break. And the havoc that has been wrought in other places indicates the danger latent in the storage of water at such places. The most recent happening of this occurred in Utah.

On the night of May 25th, the Hatchtown Reservoir, on the Sevier River, Utah, 226 miles south of Salt Lake City, failed. According to "Engineering News," the leakage was noted by the watchman at the downstream toe of the dam, near the end of the outlet culvert. This developed into several small streams; and, later, large sections of the lower face began to slip off and wash away. At 7:30 in the evening, from 100 to 140 feet of the dam went out, releasing over 500,000 cubic feet of water, which had a depth at the point of failure of 53 feet. The immediate cause of the break was leakage along the outer surface of the outlet culvert. The dam has a maximum height of 60 feet deep, and a length along the crest of 780 feet. The dam was built of earth.

The Great Western dam at Big Meadows on the north fork of the Feather river is being constructed of earth. It will impound an immense volume of water. The fall in the river below is steep there being white water for about 40 miles. The rich and populous valley below demands that there be no faulty construction or maintenance of the dam. And the time to determine the safety is in the course of construction.

ARTIFICIAL RUBBER PROPOSED AS A BY-PRODUCT OF STEEL MAKING.

It appears that at a recent meeting of the Iron and Steel Institute, in London, the president, in a paper on by-products in steel manufacture, discussed utilizing the gases of blast furnaces for sundry purposes, including the synthetic production of India rubber from coke oven gases, and stated that efforts were being made to obtain from coke oven gases the hydrocarbons, the derivatives of which were found in

LLOYD C. COMEGYS COMMERCIAL ATTORNEY

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India rubber, and that experiments already made fore-shadowed manufacture of artificial rubber.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING,
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 315 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

Until 11 o'clock P. M., August 10, 1914.
Mendocino County from 23 1/2 miles north of Hopland to Ukiah (1-Hum-1-A) about 11.4 miles in length, to be graded and a portion paved with Portland cement concrete.

Humboldt County from Miranda to Dyerville (1-Hum-1-C), about 13.8 miles in length, to be graded.

Santa Clara County from Santa Clara to San Jose (IV-S. Cl-2-A), about 1.9 miles in length, to be built of Portland cement concrete with asphaltic wearing surface.

Santa Clara County from the northerly county boundary to San Jose (IV-S. Cl-3-A), about 6.8 miles in length, to be built of Portland cement concrete.
Contra Costa County from San Pablo Creek to Pinole (IV-C. C-1-A), about 3.6 miles in length, to be graded.

Until 2 o'clock P. M., August 10, 1914.
Humboldt County from Shively to Jordan Creek (1-Hum-1-D), about 3.7 miles in length, to be graded.

Alameda County from Greenlawn to Livermore (IV-Ala-5-A), about 5.0 miles in length, to be built of Portland cement concrete.

Santa Barbara County from El Capitán Creek to Alcatraz (V-S. B-2-F), about 9.3 miles in length, to be graded.

Orange County from Calivan to Irvine (VII-Or-2-B), about 9.4 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-Imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office, and the specifications at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Whittier, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on blank form furnished by the Commission. The specifications of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. WASHINGTON,
CHARLES E. STERN,
California Highway Commission
ALFRED B. FLETCHER,
Highway Engineer
CHARLES C. CARNEY,
Acting Secretary. (*)

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

The Advertising Value Of A Trade Journal.

By Lloyd C. Comegys.

Advertising fails or is successful, in proportion as to how it is planned or used. It is not sufficient that a doctor take a knife and make a clean cut incision into a patient, but he must know what kind of an incision to make, whether long and shallow or short and deep and also in what part of the body to do the cutting.

Now an advertisement may be well displayed and well printed with good position in a paper and still apparently fail to bring results. The reason being that no thought was first given as to the detail result desired and as to whether the proposed advertisement was the correct method of attaining that result.

Eliminating the Publicity end of Advertising, it being too advanced a branch of the work for the general public to try and handle, and considering only the TRADE NAME part and DIRECT SELLING part of Advertising, we find:

That for the purpose of acquainting regularly and most surely, a large number of serious minded people with the name and quality of your goods and the name and location of your firm that the Trade Journal or paper is one of the best of mediums. And it is right here where this disappointment in a great deal of advertisement comes in, because advertisements that are purely Trade Name advertisements are expected to bring in the returns of Direct Selling advertising.

Never figure on Trade Name advertising alone, but always in connection with a further campaign or effort of advertising or salesmanship along Direct Selling lines.

Trade Name advertising is an important part, but it is only a part of an advertising campaign.

Your little ad coming into an office with every issue is the cheapest and best of ways of reminding people of your existence and your goods.

In Direct Selling campaigns, if the particular Trade Journal or paper covers the field or part of the field you wish covered, it can be made to bring you very great results.

Read your Trade Journals and papers and study carefully how you can use their valuable advertising space for your own advantage and profit.

A NEW FIRM.

A new firm of manufacturers of Composition Flooring and Marmorite has just been formed with offices and factory at 39 Tehama street, between 1st and 2nd streets, San Francisco, that bids fair to make good in every particular because the members of the firm are both practical men.

Mr. Van Koolbergen was for many years in charge of the great plant of "Magnesiet Exploitable My," formerly J. J. Van Koolbergen of Rotterdam, Holland. This European firm is well known to the trade throughout the world and also locally.

Mr. P. Crothers has been for years a practical contractor in this vicinity and needs no introduction.

The new firm goes into business with a thorough knowledge of the requirements and chemical composition of Magnesite or Composition Flooring, which qualification is especially important in this particular line of work.

In addition to Composition Flooring, the new firm will make a specialty of Marmorite, a new substitute for marble and tiling. Marmorite is made in different shades, highly polished and is not affected by chemicals or weather conditions.

The samples shown to a representative of the "Builder" promise a great future for this article. It must be seen to be appreciated.

Rolph, Mills & Co To Handle Conveying Machinery.

Will Represent the Alvey Manufacturing Company With a Complete Line On This Coast in the Future.

The Alvey Manufacturing Company of St. Louis, Mo., manufacturers of all kinds of conveying machinery, has actively entered this market by securing the firm of Rolph, Mills & Co., Riato Building, as their Pacific Coast agents.

Rolph, Mills & Co., which is composed of Thomas Rolph and H. E. Mills, is a well known and established firm of manufacturers' agents, having offices in San Francisco, Seattle and Los Angeles, handling some of the best accounts on the Coast, among which are Messrs. Joseph T. Ryerson & Son, of Chicago, the Sloss-Sheffield Steel & Iron Company, Birmingham, the Pennsylvania Wire Glass Company, Philadelphia, The Hawaii Hardwood Co. Ltd., of Pahoa, T. H., and the American Perfectite Company, Philadelphia.

In connection with the Alvey Manufacturing Company's agency, they have secured the co-operation of William E. Spink, an engineer who makes a specialty of planning and installing conveying machinery lay-outs for the economical handling of all kinds of products and freight. Rolph, Mills & Company, therefore, are in a position to quote manufacturers' prices direct or prices on the equipment installed. They are also in a position to give expert service and advice in regard to all freight handling problems.

Among the many kinds of equipment handled by this firm are included straight and spiral chutes, gravity and spiral conveyors, movable platforms, belt conveyors, automatic lifts and overhead trolleys, as well as special equipment for breweries, creameries, canneries, etc.

This firm's responsibility and experience insures the best and most efficient service for any one intrusting business to them.

Increased Tensile Strength of Cement.

Laboratory Test Shows Increase of Nearly Sixty Per Cent With Use of Federal Steel Hardener.

All users of Portland cement will be interested in the following report of a test showing the increased tensile strength in mortar by the addition of Federal Steel Cement Hardener.

This material is composed largely of steel granules of various sizes which, beside lending their natural hardness to the mortar and acting as a minute reinforcing, also slightly expands owing to a small degree of oxidation, and makes the mortar tough and close-grained with a decidedly metallic character. The test was as follows:

Briquets were made from a mortar composed of 100 parts Portland cement and 200 parts sand.

At the end of seven days, these briquets showed a tensile strength of 262 pounds. At the end of twenty-eight days, they showed a tensile strength of 342 pounds.

Simultaneously, briquets were made from a mortar composed of 5 parts Federal Steel Cement Hardener, 100 parts Portland cement, 200 parts sand.

At the end of seven days, these briquets showed a tensile strength of 407 pounds, and at the end of twenty-eight days, a tensile strength of 546 pounds. This shows an increase of 55 per cent and 59 per cent respectively for the two periods.

The above test was made in the laboratories of Messrs. Cowell & Murray, of Cleveland, Ohio. E. A. Bullis & Co., Merchants National Bank Bldg., San Francisco, are the local representatives of the Federal Steel Cement Hardener and will gladly supply interested parties with additional information.

A CONCRETE BUOY.

Reinforced concrete, during the past few years, has been invading many fields which hitherto have been considered as belonging exclusively to iron and steel. One of the interesting illustrations of this fact is the construction of a concrete buoy at Kingston, Jamaica. It is stated that the cost is only about fifty per cent of the cost of a similar buoy made of steel. To prevent the mooring chain from injuring the bottom of the buoy, the latter is made concave. The manhole cover was grouted into its place after the buoy was afloat. Leakage is handled by means of a small pump-hole provided for that purpose.

VITALITY OF WOODEN BRIDGES.

Bridges built of timber, and particularly those of the Howe truss type, have shown a remarkable longevity, especially where they are covered in from the weather. A case in point is a bridge over Little River, near Springfield, Mass., which was recently torn down. It was built in 1835 and was only recently removed for reconstruction because of decay in some of the woodwork.

Up and Down the Coast.

BURLINGAME, San Mateo Co., Cal.—The Railroad Commission has ordered the Southern Pacific Company to increase its freight handling facilities at this point. To fill the order the Southern Pacific has purchased a block of land at the junction of the S. P. right of way and Peninsula avenue, and will at once begin the construction of modern freight sheds and the necessary spur tracks.

The Associated Oil Company has also purchased property here and will soon commence the construction of a new plant from which will be distributed oil throughout the entire peninsula district.

ALAMEDA, Alameda Co., Cal.—Despite the protests of residents and property owners, the City Council has decided to improve High street at the north end leading to the High street bridge. The improvements will call for the laying of asphalt and for the raising of the grade near the approach to the bridge.

SUSANVILLE, Lassen Co., Cal.—The City jail here has been found to be unfit for human habitation. A movement has been started to secure the erection of a new building.

OROVILLE, Butte Co., Cal.—The Great Western Power Co. has a crew of men at work on its project in Big Meadows. The head-dam across the Feather River is to be raised 10 feet. The dam is now 65 feet high. This addition to the dam is needed because of the new units being added to the power plant at Big Bend, just above Oroville on the Feather River.

NORTH SACRAMENTO, Cal.—The two school sites selected by the North Sacramento School Trustees were almost unanimously endorsed at the citizens' meeting held last Monday evening.

As a result of the meeting the trustees announced that they would advertise for bids on the \$15,000 school building to be erected at the junction of the Marysville Road and the Auburn Boulevard and for the \$5,000 school building to be erected on Arcade Creek, near the Marysville Road. The bids will be opened in fifteen days and as soon as the contracts are awarded construction will be started.

MARYSVILLE, Yuba Co., Cal.—Supervisor T. F. Whipple of Butte County has laid before the Board of Supervisors of Yuba County the proposition of building a new bridge over the south fork of Honey Creek. Whipple states that the old bridge is subject to a heavy and continuous traffic which makes it unsafe. The Yuba County Board have agreed to hold a joint meeting with the Butte Supervisors to discuss the matter with the engineers.

GLENN ELLEN, Sonoma Co., Cal.—The Grand Order of Druids has purchased a large piece of ground here and are contemplating the erection of a home for their aged members. While no architect has been selected, it is thought that construction will be started at an early date.

RICHMOND, Contra Costa Co., Cal.—City Engineer Chapman has been instructed to prepare plans and specifications for the improvements of 16th street with a concrete base and a bituminous wearing surface.

YUBA CITY, Sutter Co., Cal.—July 20th is the date set for a meeting to

discuss matters relating to the bonding of the county for bridges and roads. **CHICO, Butte Co., Cal.**—Plans and specifications for the new bridge to span Big Chico Creek at the intersection of Main street and the Esplanade, have been completed by the County Surveyor. The plans call for a concrete structure to be reinforced with steel. Bids will be called for at an early date.

Plans for a concrete bridge across the slough at the Parrott Grant lane, to be 260 feet long and a 30 foot bridge across Crouch slough have also been completed.

VALLEJO, Solano Co., Cal.—Information has been received here that the Southern Pacific Company will soon start the construction of a large passenger station and freight depot to be erected at the foot of Marin street in addition to the depot a slip is to be constructed to accommodate large ferry boats.

WOODLAND, Yolo Co., Cal.—The Supervisors have ordered County Surveyor Ashley to rebuild the bridge which was torn out during the time of the high water in Yolo Basin, to allow a dredger to pass through, the expense of the reconstruction to be paid by the districts.

DUNSMUIR, Siskiyou Co., Cal.—The Dunsmuir Bottling Works here, owned by Lee Hamilton, was destroyed by fire. The loss is estimated at \$10,000 part of which is covered by insurance. **DUNSMUIR, Siskiyou Co., Cal.**—Bids for the construction of the proposed new Shasta Springs-McCloud cut-off road will be received by the County Clerk at Yreka until Tuesday, August 4th. The county intends to construct the cut-off road to connect McCloud with the State Highway, giving a shorter and better road.

NEVADA CITY, Nevada Co., Cal.—The Elks Lodge of this city has decided to rebuild their home which was recently destroyed by fire. A special meeting will be held for the purpose of selecting an architect and for the adjustment of the insurance.

WOODLAND PRAIRIE SCHOOL DISTRICT, Yolo Co., Cal.—Sealed proposals will be received by the Board of Trustees until July 15th for the erection of a public school house. Plans and specifications may be obtained from the Superintendent of Schools, Courthouse at Woodland. A certified check made payable to the Superintendent of Schools for an amount not less than 10 per cent of the aggregate of the proposal must accompany each bid.

WATSONVILLE, Santa Cruz Co., Cal.—The Trustees of the Watsonville School District will receive bids until July 16th for furnishing of fifty tons of coal to be delivered to the various school houses in this city. Bids will be opened in the High School Building at 3 P. M.

REDDING, Shasta Co., Cal.—Plans and specifications for a new street bridge across Pit River at MacArthur have been approved by the Supervisors. The span will be 200 feet. Bids are now being called for and will close September 10th.

IGNACIO, Marin Co., Cal.—The California Fruit Cannery Association has a large amount of construction under way here. Dredging and ditching amounting to \$50,000 has already been accomplished with more work in view.

FRESNO, Fresno Co., Cal.—The cost of reclamation work in the newly

formed Stinson-Burrell district will reach \$210,000, according to a report filed with the Board of Supervisors by Engineer J. Teilman. The work will include the construction of two levees 800 feet apart following the main channel of the sloughs.

TAFT, Kern Co., Cal.—The Producers Transportation Company of this city are now making extensive preparations to reinforce its culverts along its line from Junction to San Luis Obispo. More than 200 tons of cement will be used in the work. It is planned to have the work completed before the fall rains.

DEPARTMENT OF THE INTERIOR.

BUREAU OF MINES.

New Publications, (List 30,—July, 1914)

BULLETIN.

Bulletin 73. Brass-furnace practice in the United States, by H. W. Gillett. 1914. 208 pp., 2 pls., 23 figs.

TECHNICAL PAPERS.

Technical Paper 45. Waste of oil and gas in the Mid-Continent fields, by R. S. Blatchley. 1914. 57 pp., 2 pls., 15 figs.

Technical Paper 46. Methods of recovering oil in California, by Ralph Arnold and V. R. Garfias. 1914. 57 pp., 7 figs.

Technical Paper 73. Quarry accidents in the United States during 1912, compiled by A. H. Fay. 1914. 45 pp.

Technical Paper 75. Permissible electric lamps for miners, by H. H. Clark. 1914. 21 pp., 3 figs.

NOTE.—Only a limited supply of these publications is available for free distribution, and applicants are asked to co-operate in insuring an equitable distribution by selecting publications that are of especial interest. Requests for all papers can not be granted without satisfactory reason. Publications should be ordered by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

HORIZONTAL ELEVATORS ARE TO BE LATEST.

DULUTH, (Minn.), July 17.—That the skyscrapers of the near future will contain many new features is the prediction of C. A. Patterson, Secretary of the National Association of Building Owners and Managers, in addressing that body here.

"Innovations," said Patterson, "is the middle name of the modern skyscraper. It will be a very short time when big office buildings will have elevators running not only up and down from the street to the top of the building but running horizontally on different floors. Furthermore, patrons will pay fares to ride on these elevators and get transfers from the vertical lifts to the horizontal, just as we get them on the street cars now.

"They will pipe pure air from the country right into the big city buildings, just as they pipe pure water, and bungalows built on top of tall buildings will house the owners in Summer. A building permit for such a bungalow already has been taken out in Chicago."

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

SUCCESSORS TO

"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

—== THIS WEEK'S ILLUSTRATIONS: ==—

The New A. B. Spreckels Residence, One
Of San Francisco's Most Beautiful Homes,
Designed By Architect G. A. Applegarth,
San Francisco.

Twelve Story Hotel Building Under Con-
struction for the Cliff Estate, San Francisco
Designed by G. A. Applegarth of San
Francisco.

WEDNESDAY, JULY 29, 1914.

SAN FRANCISCO AND OAKLAND,

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CALIFORNIA

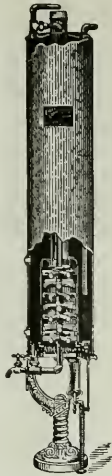
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Gives an inexhaustable supply of hot water to any part of the home, with 30 per cent less gas than any system ever produced.

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**General Contractor
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Estimates Cheerfully Furnished

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**When Your Blood is Right,
Your Whole System is Right.**

**If You Have any Blood or Skin Disease
Do Not Delay until it is too late but Order**

TO-day!

THE HOT SPRINGS REMEDY a Complete and Positive
Remedy for Syphilis, Eczema, Erysipelas, Acne, Malaria, Rheu-
matism, and all other Forms of Blood and Skin Diseases.

Hot Springs Physicians pronounce this the Greatest Blood and Skin Remedy
ever placed on the Market.

Full Course Treatment—Six Bottles—\$18.00 Single Bottle—\$5.00

We Prepare a Remedy for Every Disease. Our Treatment for Female Ills is the
the Greatest of its Kind Ever Offered Suffering Women.

Write us your Troubles. All Correspondence Strictly Private

HOT SPRINGS MEDICINE COMPANY

803 1-2 Central Ave.

Hot Springs, Ark.

Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

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OFFICIAL ORGAN

of the

CONTRACTORS' AND DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

The disclosures in the investigation of the books of the United Railroads are reported to be that Calhoun took more than 5 million dollars from the treasury. This coupled with the fact that most of the books covering the period of the graft prosecution have been destroyed indicates what was done with the money of the people who owned the stock and securities and the income derived from the operation of the property.

Certainly this was a great bunch to be "held up" by a corrupt Board of Supervisors! Certainly this was a corporation to look after the welfare of the people. And the Chronicle and the people who have so long championed the private ownership of the street railroads must feel elated at the disclosures.

When one remembers the great messages that Patrick Calhoun used to send out addressed to the "People of San Francisco"—in the light of the facts disclosed it looks like the "People of San Francisco" were imbeciles to stand for such colossal effrontery.

This kind of work by the Railroad Commission is what is determining all the old line bunch to bond together in the get-the-Johnson league. He has done and is doing effective work. And when one ceases to talk and really does something then the pack of wolves immediately jump on his back.

In commenting on the recent developments in the United Railroads tangle and of Patrick Calhoun's part in particular, the Sacramento Bee prints the following in its editorial:

That Patrick Calhoun is one of the greatest rascals ever known in California is a necessary conclusion from the facts unearthed by the Railroad Commission in its investigation of the affairs of the United Railroads.

Were it not for the admissions of officers and directors of the corporation it would seem beyond belief that Calhoun was allowed to draw large amounts from its funds as he pleased, without even pretense of vouchers. And these diversions, which in reality were downright thefts, were by his orders carried on the books as "cash on hand."

They were no more "cash on hand" than the thefts of a bank cashier or teller are "cash on hand."

Calhoun stands revealed as much a thief and scoundrel as is any ordinary employe who embezzles money confided to his care, no matter how much he may intend to restore it, "if all goes well."

In fact, many an embezzler in San Quentin or Folsom is less of a thief than Calhoun, who lacked even the

poor excuse of poverty and misfortune.

The declaration by the Auditor for the Railroad Commission, that at the time of the last annual report of the United Railroads there was an actual but not reported deficit of \$1,880,471, of which \$3,906,909 cannot be accounted for, is startling in its significance, even to persons accustomed to reading of unscrupulous juggling with the funds of great corporations.

Just how much of that enormous shortage went into the pockets of Calhoun remains to be found out. But it is practically admitted by Thornwell Mullally, who was Calhoun's assistant, that more than \$1,000,000 in cash was drawn from the company's treasury by that greedy robber between 1911 and 1913.

That was all prior to Calhoun's final big grab of \$1,096,000 last year, which he afterwards said he had invested in the Solano Irrigated Farms project.

But now President Lillenthal says that to the best of his knowledge only \$300,000 of that \$1,096,000 had been invested in the Solano enterprise, and he does not know what became of the remainder.

Yet not long ago Calhoun had the brazen hardihood to assert, in a written statement, that he had invested the whole sum of \$1,096,000 in the Solano project to expand the transportation business of the United Railroads.

Although he never pretended the money was invested in the name of that corporation, yet the declaration that it was for the company's benefit added lying and hypocrisy to his crimes of theft and breach of trust.

Calhoun speedily should be indicted, and put in jail to await trial for his colossal embezzlements. He richly deserves a long term in the penitentiary.

The common thief, burglar and highway robber are respectable compared with a rich man at the head of a street-railroad corporation who deliberately, systematically and continuously plunders the stockholders and increases the burdens of the public.

In this instance the defendant is the wife of a former Premier, of some claims to beauty, and a clever pleader in her own defense. She is making cunning bids for sympathy at every opportunity. And as under such circumstances it is seldom that a conviction is had, there is a fair prospect that she either will be acquitted or found guilty of a minor offense.

It looks like a plain case of deliberate murder; mitigated, however, by the atrocious behavior of the disreputable editor who provoked the homicide—if charges be true as to his conduct and intentions.

A Concise History Of The Development Of Electricity.

Discovery, Evolution and Application to the Needs of Industry.

The following address was delivered before a recent meeting of the Winnipeg Builders' Exchange by J. H. Schumacher, secretary-treasurer of Schumacher-Gray Co., Ltd., contracting electrical engineers:

So rapidly have the applications of electricity to the wants of industry followed one another during the last thirty-five years that it may seem as though the whole science had been practically developed during that time, and yet the real foundation work, made the almost innumerable electrical contrivances of today possible, was mainly laid before that period.

Although the science has been placed on a mathematical basis, and results figured very readily, the definition of electricity has yet to be given, and many philosophers are still devoting their lives to finding the correct definition.

Electricity was manifest to primitive man in its most powerful and uncontrollable form—that is, lightning. He did not understand the exact cause and nature of lightning, and in Greek mythology it was taught that the god Jupiter was expressing his wrath at the wrong-doing of the people when he hurled his thunderbolts from his throne on Mount Olympus. In the year 600 B. C. Thales, the father of Greek philosophy, discovered that amber, when rubbed, attracted light bodies, and he believed that amber had a soul. Nothing further was discovered for the next 2,200 years, until Dr. Gilbert, an English scientist, discovered that certain other materials, when rubbed like amber, had the property of attracting light bodies like a magnet. The Greek word for amber is "Elektron," and it is from this that Dr. Gilbert derived the word "Electricity." This was in the year 1600.

Sir Isaac Newton, in 1700, discovered that it was possible to create sparks several inches long by rubbing a ball of sulphur between the hands. In 1749 Benjamin Franklin, at a picnic, made the first practical use of electricity by killing a turkey with electricity and roasting it in a fire kindled by an electric spark. In 1752 he established the identity of the electric spark and lightning by drawing electricity from a cloud by means of a kite. He was the discoverer of the lightning rod as a protection of buildings against the lightning. He also advanced the theory that electricity was fluid.

Galvanic Action Accidentally Discovered.

Such was the state of the knowledge of electricity about the year 1800. Near this time Galvani, an Italian professor of anatomy, wished to tempt the appetite of his wife by making her some soup of frogs. He had skinned the frog and hung it on a copper hook, so that in dangling in the wind it hit an iron rail a short distance below. He noticed that every time the legs made a contact with the rail the dead frog's legs would twitch, and in later experiments produced the twitching by touching the nerve of the limb with a rod of zinc and the

muscle with a rod of copper in contact with the zinc rod. Galvani thought he had discovered the principle of life, and built up on these experiments a theory that now seems absurd. When he died little did he think of the renown that his frogs would win by leading to the principles that were responsible for our electric battery cell of today.

Alexandra Volta, an Italian professor of physics, heard the story of the frogs and continued the experiment, which proved that the electricity was not in the animal, but was generated by the contact of two dissimilar metals and the moisture of the flesh. He then produced the famous volta pile, which consisted of placing a series of bits of copper and zinc alternately one above the other, but each separated by a piece of cloth wet with dilute acid. Since the day of Volta the voltaic cell and galvanic battery have been greatly improved, yet they remain essentially the same in principle, and therefore science gives to Volta the credit of having made the force in nature serviceable to man, and honored him by calling the electrical unit of force or pressure, the volt.

Professor Oersted of Copenhagen discovered, in the year 1820, that wire carrying an electric current acted upon the needle of a compass, thus showing the relation between magnetism and electricity. Oersted's discovery set a French philosopher named Ampere to work along the same lines, and he established certain laws of electromagnetic induction in mathematical form. Several years later Michael Faraday, an English scientist, discovered electro-magnetic rotation and developed the electromagnet. This was about 1830, and with these principles established, the telegraph, telephone, electric motor, dynamo, together with the transmission of power, follow step by step in rapid order.

Invention of the Electric Motor.

The germ of the electric motor is found in the inventions of Joseph Henry, an American, who was one of the most prolific inventors of the world, although he was little known to the public. In 1839 Jacobi, a German, made probably the first application of the electric motor, when he propelled a boat on the River Neva with a one horse-power motor. About the middle of the century Jacobi found that by placing two dynamo electric machines in one circuit, one as a generator and the other as a motor, it was possible to transmit mechanical power of electricity.

The first machine of sufficient capacity to operate an electric lamp was in Brussels, but strange to say, this machine was built with the absurd object of using it to decompose water and employ the resulting gases to produce light.

The Advent of Electric Light.

Electric light was first thrown on the sea from the South Foreland light-house in England on December 8, 1858.

The arc lamp was made known by Sir Humphrey Davy at the beginning

of the century, but little was done in using this type of lighting because of the inability to get enough current to operate it, until after the dynamo was a commercial success. Since that time the arc lamp has been greatly developed by using different materials for the carbon, and up to the present time is about the most efficient form of lighting, but has the objection of being too intense for interior lighting, and is really only adaptable to street lighting.

It was not until about 1880 that Edison really constructed an incandescent lamp that was of any commercial value. His original lamp had a platinum filament, which he afterwards changed to carbon, and the lamp has practically remained in this form until the present day. About ten years ago the tantalum and tungsten lamps were placed on the market. They were three times as efficient as the old carbon lamp. In the present year great improvement has been made in the tungsten lamp by filling the bulb with nitrogen gas instead of the vacuum. This change has increased the efficiency over 100 per cent. Only about 10 per cent of the available amount of energy in electric lighting is given out in light, and the remainder in heat.

Scientists are now working on what they call the cold light, similar to that of the firefly, which will give a more efficient light. Many other types of lamps are in use, but only used for special purposes, such as the Cooper Hewitt lamp, in photography.

It was about 1850 that induction coils were commercially built, and the common electric door bell was developed about this time. From this developed the alternating current transformer, and C. F. Varley, of London, took out patents, but it was not until 1879 that J. B. Fuller, of New York, was first to recognize the value of the transformer.

In 1885, transformers were first used in London in the manner of operation as we use them here in Winnipeg for reducing the voltage from 2,200 volts to 101 volts for lighting.

Since 1885, transformers have increased in size, efficiency and operating voltage. Transformers of 5,000 kilowatt capacity and 98 per cent efficiency are common. Many transmission lines are operating above 110,000 volts.

In 1882 Nikola Tesla, an American inventor, exhibited before the Royal Institution of London the alternating current motor, all motors previous to that time having been of the direct current type. By means of Tesla's apparatus, a force of 77 horse-power was transmitted 110 miles from the falls of the Neckar to Frankfort-on-the-Main. Just a few months previous to this, however, power was transmitted 13 miles from the falls of the Willamette River in Oregon to Portland, in a larger amount than that of the Neckar experiments. These experiments naturally attracted engineers to the possibilities of the utilization of the world's greatest waterfall at Niaga-

ara, where there is a possible maximum of 7,000,000 horse-power.

It was in 1877 that Siemens, the great German inventor, prophesied that in a few years the great waterfalls like that of Niagara would be utilized to generate electricity, and to transmit by its means electric light and power to the surrounding industrial stations. It seemed like a wild dream then, but before twenty years had passed it had been realized, and today the power of Niagara is turning machinery, running street cars and lighting the streets in the cities of Buffalo, Toronto and many other cities of Ontario and New York. The generators are of 5,000 horse-power each, the largest up to that time having been 2,100 horse-power at the Chicago World's Fair. The Niagara Falls Power Company's plant was completed in March, 1895, but power was not used in Buffalo until November, 1896.

Long Distance Power Transmission.

In May, 1896, it was demonstrated that power may be transmitted from Niagara Falls to New York city, when current of 1-30 horse-power was transmitted over the Western Union Telegraph Company's wires to run a working model of the Niagara Falls Water Company's plant at the New York Electrical Exposition. This was the longest distance that power was ever transmitted. Long distance power transmission is not confined to Niagara Falls, as in California power is transmitted over 241 miles at 150,000 volts. Up to the present time voltages higher than this have not been commercially attempted, as the difficulty is in the insulation of the transmission lines, and insulating materials have not quite kept pace with the increase of line voltages. The Keokuk (Iowa) power development on the Mississippi River is the largest at the present time, and was just put into operation less than a year ago.

In the province of Manitoba there is over three million available horse-power, but up to the present time only 50,000 horse-power has been developed, and is practically all used in Winnipeg and vicinity.

The power drives in factories and industrial plants have undergone great transformations due to the developments of waterfalls. Electric motor drives have caused an enormous saving of power over that required when steam or water power is used direct to keep a multitude of pulleys and belts and shafting in operation. It was found in the Waltham watch factory, and also in the Baldwin locomotive works, that 75 per cent of the engine power was absorbed by the gears and shafting without a single machine on duty. The use of electric drive has made a great change in the building construction of factories, as such buildings are now built with thinner walls and floor slabs, and a great amount of vibration of the machinery is eliminated. Most belts and shafting are done away with, and there are now more light and sanitary factories than ever before. It is said that in the cities of New York and Chicago as many people travel vertically as horizontally, and the favorite method of propelling elevators is by electricity. It seems almost incredible, when considering the extent of the elevator industry, that the first use of electric power on a freight elevator was in New York in 1882.

History of Telegraphy.

We can look back with interest into another branch of the business—the telegraph. The telegraph was the dream of many scientists in many countries, and it is the popular impression on the American continent that it is exclusively an American invention, and almost exclusively the product of Samuel F. B. Morse, but this impression is erroneous.

It was in 1832, shortly after Oersted's discovery, that Schilling, a Russian, devised a system of telegraphy, using thirty-six needles that were deflected by currents in the wires. In 1839 the first telegraph for public use in the world was opened in England. It was 20 miles long, and of the *Stagle* needle type. The wires were suspended in goose quills on posts. Commercial business was taken, but evidently the income of the line was derived from the exhibition of its working. Although admission was only a shilling, and children half price, it was not well patronized, until its fame was spread abroad by the capture of a murderer through its aid. The murderer after committing the crime took a train, but was surprised at being arrested on his arrival at his destination, as his description had been telegraphed. The early telegraph systems were rather impractical, and the credit for the electromagnetic telegraph, which is the basis of the one used today, belongs to Samuel Morse. The story of his financial difficulties is interesting, and also of how his friends laughed at his so-called useless toy. He received a little financial backing from Alfred Vail, and in 1838 filed a caveat in Washington, and took his instrument to Washington and exhibited the telegraph on a ten-mile circuit before President Van Buren. He then appealed to Congress for \$30,000 to build a 50-mile line, but was turned down. For two years he wandered about Europe and then returned, and in 1841 went again to Washington and set up his instruments and appealed to Congress for aid, and the appropriation was passed on the last night of the session. He then began the line from Washington to Baltimore. The first ten miles of line was laid in pipe, but they found that the line would not work, so the entire line was run overhead on poles. It was in May, 1844, that he sent the first message. He then invented the Morse code of telegraphy, and the signs were sent by setting the signals on a cylinder and turning it at uniform speed, and the messages were received on a strip of paper run by clockwork. The reason for this was that the impression was that an operator could not make a good enough distinction between dots and dashes. The use of the telegraph then began to be a commercial proposition and used for transmitting news. Lines were built all over the United States and Europe. In time it became necessary to build more lines, or find some means of transmitting more messages over the same wires. This led to the invention of the duplex system in 1872 by Stearns of Boston, which allows two messages—one each way—to be transmitted simultaneously. A few years later Edison and Stearns devised the quadruple system in which four messages—two each way—could be transmitted simultaneously over the same wire. This is the system now used mostly by the telegraph companies.

In 1850 a cable was laid across the English Channel, but the cable broke after transmitting a few signals. In 1851 a new cable was laid. A cable was also laid across the Hudson River between New York and Jersey City, using gutta-percha as an insulation.

For communication between Europe and America, the Atlantic ocean seemed an insurmountable barrier, but Cyrus W. Field organized a company in 1854 for this purpose, and after twelve years of disappointing failures they succeeded in their object. Five cables lay at the bottom of the Atlantic ocean from Field's attempts before communication was accomplished in 1866, and represented millions of dollars. Since that time cables have girdled the globe and now any part of the world is within a few minutes' communication of any other civilized part.

Great as the telegraph is, still greater is the telephone, when you consider that it is a daily occurrence for people to talk from New York to San Francisco and understand one another as easily as we do over the telephone in our own city.

It was in 1860 that Philip Rees, a German school teacher, discovered the principle of the telephone. In 1876 Alexander Graham Bell and Elisha Gray almost simultaneously invented successful speaking telephones. After a great amount of litigation in the courts, Bell apparently established his right to the invention, and has reaped the profit. The greatest use of the telephone is on the American continent, and it is not so extensively used in Europe. In Europe methods of business were established before the telephone came into use, and it has been hard to find use for the telephone. Consequently the service is very poor. In America, however, it is just the reverse, as business has adapted itself to the telephone, and there are now more telephones in the United States than in all the rest of the world.

Wireless Telegraphy.

A more recent development in communication is that of the wireless telegraph. As early as 1838 certain effects were noticed in experiments, and it was observed that messages could be transmitted without wires within the same room. In December, 1842, Professor Henry, of Princeton University, sent a wireless telegram across a canal 80 feet wide. Sir William Preece arranged a system in 1882 between the English coast and the Isle of Wight to transmit messages without wires.

Hertz, in 1886, made some complete experiments in the study of electric waves, the result of which gave a tremendous impetus to the development of wireless telegraphy. Sir Oliver Lodge made some greater discoveries in this line in 1889, and other investigators made certain improvements along the proper lines until 1896, when Marconi, an Italian, worked with Sir William Preece, and they together developed a feasible commercial proposition. In August, 1907, Marconi organized a \$5,000,000 company and tried out his proposition in his own country at Rome.

The Canadian Government invited Marconi to try his experiments in this country, and gave him all possible assistance. He erected a station at Glace Bay, and in December, 1902, sent his first radiograms across the Atlantic to the Kings of England and Italy.

On January 16, 1903, a complete radiogram was sent by President Roosevelt to the King. Dr. Lee de Forest has also invented a system which transmits more rapidly than the Marconi system, and is used extensively in the United States. Communication has been established between Manhattan Beach, New York, and Colon, Panama, a distance of 2,170 miles. A still greater distance has been covered from Arlington Heights at Washington to Eiffel Tower in Paris. Most of the modern ocean-going vessels have their own wireless systems, and since the Titanic disaster all vessels in the English and American merchant marine have been compelled to install wireless systems.

Electric Traction.

One thing it would be well to touch upon is the question of rapid transit in cities by means of electric railways. It has caused cities to grow much faster than before, as it now places people in the suburbs within easy reach of their offices. It has given the real estate man a chance to raise the value of property in the outlying districts, as they no longer talk of so many miles away, but so many minutes from certain points in the city. We can now call our country friends our neighbors on account of the short time that is between us.

Electric railways were in the toy stage until Siemens and Halske built a short line of 1-3 of a mile in 1879 at the Berlin Exposition. The locomotive drew three cars, having a capacity of twenty people, and attained a speed of eight miles per hour. The current was supplied with a third central rail, the running rails were used as a return.

In 1879-80 Mr. Sprague, of the United States navy, was ordered on duty at the Crystal Palace Electrical Exposition in London, and there used the overhead trolley. In the United States

Charles J. Van Depoele, a Belgian by birth, constructed an experimental line in Chicago in 1883, and a year later installed a line at the Toronto Exposition. The cars in their present form were first used in 1885 in South Bend, Ind., and Minneapolis, Minn., where they replaced steam locomotives that ran as street cars. You will understand that the electric railway has made rapid developments since that time, and is still only adaptable for the more thickly settled communities.

In the operation of the equipment of the Panama canal, nearly everything is operated by electricity, because it is the most efficient and quickest method of handling the locks and towing the vessels through the canal.

Electro metallurgy, the process of depositing pure metals, has a large field in copper, silver, gold and aluminum industries. The electric furnace has brought about great developments in the mining industry, as the electric arc is the hottest flame known. The greatest use of the electric furnace is in Germany and Sweden, the latter giving the world the purest iron.

Electricity has found its way into all branches of industry and science, and surgeons are using it to a great extent in their work. It has found its way into the home, and I just noticed recently that 103 electric ranges were installed during the past week in Winnipeg. In the city of Winnipeg over 2,500 electric ranges are in use, and no other city in the world approaches these figures in the cooking line. No doubt inside of five years many houses will be heated by electricity. Winnipeg affords the best opportunities on the American continent today for future development, and the low rates that prevail here will make it one of the foremost cities in the world.

the building will be faced with pressed brick. Plans are being prepared.

ASTORIA, ORE.—Apartment house, 3 story and base, frame, \$25,000. Architects, Houghtalling & Dougan, Henry Bldg., Portland. Owners, F. A. Merrill et al. The building will cover an area of 60 by 85 feet and will be arranged for a number of two and three room suites. Interiors will be finished in pine throughout. Plans provide for steam heat, an automatic elevator and hot water system. Bath rooms will have tile wainscot and composition floors. Wall beds will be used in all suites. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for at once.

LOS ANGELES, CAL.—Apartment house, 2 and 3 story and base, brick \$50,000. Architect, Edward C. Taylor, Consolidated Realty Bldg., L. A. Owners, Southern California Brick Co. The building will be erected at the corner of Stephenson and Soto streets, covering an area of 157 by 85 feet. There will be a total of 100 rooms, divided into two and three room suites. Interior will be finished in pine and hardwood. Plans provide for steam heat and a hot water system. All suites will have wall beds and private bath rooms. Entrance will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are nearly complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, L. J. Jones, Central Bank Bldg., L. A. Owner, Mrs. Allie Tompkins. The building will be erected on 6th street near Burlingame and has been designed to contain 52 rooms which will be arranged in two and three room suites. All apartments will have wall beds and private bath room. Interior finish will be of pine with some elm panels. There will be steam heat, automatic elevator and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans have been revised and new figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, L. J. Jones, Central Bldg., L. A. Owner, Isadora Cohn. Contractor, George A. Ward, Grant Bldg., L. A. Contract price not stated.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house equipment. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. Bids are being called for on revised plans for the mechanical equipment for the Municipal Bath House at San Rafael. The work will consist of water heating system, steam heat, power generating equipment, laundry equipment and engine. Plans and specifications can be had from the architect.

BONDS.

YUBA CITY, SUTTER CO., CAL.—Bonds in the sum of \$500,000 will be voted in this county at the general

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on Mission street between 6th and 7th streets. There will be a number of two and three room suites with private baths and wall beds. Interior will be finished in pine and elm panels. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of California street east of Leavenworth and has been designed to contain a number of four room suites. Interiors will be finished in pine with some hardwood floors and wainscot. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds. Exterior of the build-

ing will be covered with cement plaster on metal lath. Marble and tile will be used in the entrance. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house addition, 2 story and base, frame, \$10,000. Architect, A. Howard Peterson, Blake Bldg., Oakland. Owner, Fletcher Ames. This work will consist of remodeling a hotel and store building into a modern apartment house. There will be new interior finish, painting, plastering, plumbing and electric work. Wall beds will be used. Some exterior alterations will also be made. Plans are complete and figures are now being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base. Cost not stated. Architect, James T. Nabrett, Richmond. Owners, Cray, Brown & Heinzen. The building will be erected on Macdonald avenue, and has been designed for stores on the first floor and a number of two-room suites above. The building will have a frontage of 50 feet. Interior will be finished in pine throughout. There will be wall beds and hot water system. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of

BRIDGES AND DAMS.

election in November. This has been decided by the Supervisors who will take the matter up for definite discussion on September 4th. The money will be used in the construction of roads and new bridges throughout the county. Providing the issue carries a portion of the money will be expended in the construction of a road between Yuba City and a point south of Nicolaus, which would join with a new road now being constructed by Sacramento County out of the capital city. A bridge would also be constructed over the river at Nicolaus for the purpose of dispensing with the ferry.

DINUBA, TULARE CO., CAL.—The Trustees of the Kingsburg joint union high school have purchased a site for a new high school building consisting of ten acres. A bond election will be held in the near future for the voting of bonds to erect a new school building.

RED BLUFF, TEHAMA CO., CAL.—The Supervisors here have adopted resolutions to purchase sufficient state highway bonds to build the state highway from the Butte county line north through Los Molinos to Red Bluff, the county to build all the bridges. The amount necessary to construct this strip is estimated to cost \$195,000 and the supervisors are prepared to buy the bonds to this extent. Definite action has been urged by T. H. Ramsey, chairman of committee appointed by the Board to interview the State Highway Commission recently.

The Supervisors of Tehama county have also decided to call a bond election to provide for approximately \$200,000 for bridges throughout the district, mostly along the proposed state highway from the Glenn County line to the Shasta County line. Should the issue carry the following bridges will be constructed—Sand Slough bridge, \$125,000; from Butte County line to Los Molinos, \$9,500; from Glenn County line to Shasta County, \$31,500. There are a few other bridges for which the county surveyor has prepared plans and specifications; these also will be constructed.

SACRAMENTO, CAL.—The Board of Supervisors have decided to call a bond election for \$2,425,000 for improved highways in Sacramento County to be constructed under the report presented by the Sacramento County Highway Commission.

SHANDON SCHOOL DISTRICT, SAN LUIS OBISPO CO., CAL.—The Commercial Bank of San Luis Obispo has purchased the bonds of the Shandon School District amounting to \$4,005. The money will be used in the construction of a school building.

MONROE SCHOOL DISTRICT, SONOMA CO., CAL.—A special bond election will be held here on July 30th for the purpose of voting bonds in the sum of \$3,900, the money to be used in the construction of a school building.

CURTIS CREEK SCHOOL DISTRICT, TUOLUMNE CO., CAL.—A bond election will be held here on August 10th to vote bonds in the sum of \$75,000. The bonds are in the denomination of \$750 each, bearing 6 per cent per annum. Should the issue carry the money will be used in the building and furnishing of a school building and the preparing of the grounds.

SEBASTOPOL SCHOOL DISTRICT, SONOMA CO., CAL.—By a vote of 114 to 53 the proposition to bond this district to the amount of \$20,000 carried. There were only two votes over the re-

quired number. The funds will be expended in the buying of additional grounds and the construction of a new high school.

DOWNEY, LOS ANGELES CO., CAL.—A bond election will be held in the Daltan School District on August 16th for the purpose of voting bonds in the sum of \$10,000 for the erection of a school building and the purchasing of the necessary apparatus for same.

LOS ANGELES, CAL.—The Railroad Commission has rendered decision, authorizing Davies Warehouse Company of Los Angeles to issue \$250,000 face value of bonds to be sold at not less than 90 and bearing 6 per cent interest. Proceeds of the sale of the bonds will be used to erect two five-story fireproof warehouses at East 2nd and Central Avenues, in Los Angeles.

REDLANDS, SAN BERNARDINO CO., CAL.—The Holton Power Company of Redlands has asked authority to issue \$200,000 par value gold bonds. Funds will be used in the making of additions and extensions to the present electrical plant.

NEHALEM, ORE.—The election for the issuance of \$12,500 in bonds for the purchase of the local water system, the construction of a reservoir and for the building of an electric light plant by the municipality carried here by a large majority.

HOOD RIVER COUNTY, ORE.—Bonds amounting to \$75,000 were voted here and carried. The proceeds of the sale will be used for the completion of the Columbia Highway units. Plans for the improvement will be prepared under the supervision of Major H. E. Bowby, state highway engineer.

RICHMOND, CONTRA COSTA CO., CAL.—At a special election held here on July 22nd a proposed issue of \$2,500,000 in bonds to provide for a municipal water system serving Richmond, Stege, Rust, San Pablo and Grant from Toland's Landing on the Sacramento River was defeated. The vote was 1616 in favor of the issue and 921 against, which gave 74 ballots less than the necessary two-thirds majority. About 55 per cent of the total registered vote, 4600, turned out. Water Commissioner R. H. Curry stated that he and his fellow workers were not discouraged and would attempt again to have the communities authorize the bonds.

DALY CITY, SAN MATEO CO., CAL.—The Railroad Commission has rendered a decision on the application of the Crocker Estate Company for an appraisal of its water system in Daly City. This city has recently voted \$100,000 bonds for the construction of a water system and the Commission was asked to place a value on the Crocker property. The Commission's engineer found the value to be \$30,816.

MODESTO IRRIGATION DISTRICT, STANISLAUS CO., CAL.—The State Railroad Commission has declared, after a thorough investigation into the resources, finances, and the future of the Modesto Irrigation District, that it is wealthy enough to stand a further indebtedness of \$610,000 to carry on proposed improvements. The company is taking water from the Tuolumne River, and obtains two feet of water on the land the year round if necessary. The water right is assessed by the commission at \$1,225,000, while the value of contiguous land is \$15,291,000.

SAN FRANCISCO—Ferry slips, timber pile construction. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans and specifications have been approved for the construction of two new ferry slips at the south end of the Union Ferry Building. Bids are now being called for and will be opened by the State Board of Harbor Commissioners on August 13th. Plans and specifications can be secured from the Harbor Commissioners.

WATERFORD, STANISLAUS CO., CAL.—Road Bridge, reinforced concrete and steel. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans are complete and have been approved for the construction of a reinforced concrete and steel road bridge to be erected near Waterford. Bids are now being taken and will be opened on August 10th. Plans and specifications can be secured from the engineer.

WALNUT CREEK, CONTRA COSTA CO., CAL.—Bridge, reinforced concrete construction. Cost not stated. Engineer, County Surveyor Elam C. Brown, Martinez. Owners, Contra Costa County. The bridge will cost between \$7,000 and \$8,000, and will be erected near Walnut Creek. Plans are complete and have received the approval of the Board of Supervisors. Bids are now being taken and will be opened on August 3rd. Plans and specifications can be secured from the County Surveyor at Martinez.

BUTTE CO., CAL.—Bridges, 2, reinforced concrete and steel. Cost not stated. Engineer, County Surveyor, Oroville. Owners, Butte County. Plans have been approved for the construction of two new county bridges. One bridge will be erected across Big Chico Creek and will be 50 feet long and 45 feet wide. The other structure will be erected about 5 miles west of Durham and will be 260 feet long. Bids are now being taken for both of these structures and will be opened on August 7th. Plans and specifications can be secured from the engineer.

COLUSA CO., CAL.—Bridges, 12, reinforced concrete. Cost not stated. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans have been completed and are now out for figures for 12 small bridges and culverts to be erected in the various road districts of Colusa County. Separate figures will be taken for each bridge or culvert. Bids will be opened on August 4th. Plans and specifications can be secured from the County Surveyor.

MENDOCINO CO., CAL.—Bridges, 3, wood construction. Cost not stated. Engineer, County Surveyor, Ukiah. Owners, Mendocino County. Plans are complete and figures are now being taken for the construction of three wood road bridges in Mendocino County. Bids will be opened on August 4th. Plans and specifications can be secured from the engineer.

SEATTLE, WASH.—Canal machinery and valves. Cost not stated. Engineer, Major J. B. Cavanaugh, Burke Bldg., Seattle. Owners, United States Government. Plans are complete and bids are now being called for furnishing and installing machinery and valves for the Lake Washington Canal. Bids will be opened on August 10th. Plans and

specifications can be secured from the engineer in charge, Burke Bldg., Seattle. An official proposal appears in another column of this issue.

Contracts Awarded.

YUBA CITY, SUTTER CO., CAL.—Bridge, reinforced concrete, \$68,800. Engineer, County Surveyor, Yuba City. Owners, Sutter County. Contractors, Blake Bros., Oakland. Contract price, \$68,800.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 2 story and base. Class C construction, \$30,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owners, First Baptist Church of Berkeley. The building will be erected at the corner of Dana and Haste streets and has been designed after the department scheme. There will be a main auditorium 75 by 80 feet, Sunday school rooms 50 feet high, social rooms and pastor's study. Interior will be finished in pine with ornamental plaster in the auditorium and Sunday school rooms. Plans provide for a central heating system. Art glass will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

COURT HOUSES.

SACRAMENTO, CAL.—Court house yard work. Cost not stated. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. Plans are complete and figures are being taken for improvements to the Court House grounds. The work will include paving and landscape gardening. Bids are now being taken and will be opened on August 5th.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Storage shed, 1 story, frame and corrugated iron. Cost not stated. Architect, none. Owners, Meese & Gottfried, S. F. The building will be erected at the northwest corner of 19th and Harrison streets. No interior finish will be installed. Exterior of the building will be covered with corrugated iron. Plans are in the hands of the owners and the work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Grain elevator, frame and concrete, \$15,000. Engineer, Leland S. Rosner, Merchants' Exchange Bldg., S. F. Owners, Sperry Flour Co. The building will cover a considerable ground area and will be practically fireproof. The estimated cost does not include special machinery which will be installed. Exterior of the elevator will be covered with cement plaster. Plans have been prepared and work will be started at once.

STOCKTON, SAN JOAQUIN CO., CAL.—Sheds, 1 story, steel and frame. Cost not stated. Engineer, W. B. Thomas, Yosemite Bldg., Stockton. Owners, City of Stockton. Plans have been completed and figures are now being taken for the construction of 150 feet of steel frame sheds along the Stockton water front. No interior finish will be used. Exterior of the sheds will be covered with corrugated iron. Plans can be secured from the engineer.

BAKERSFIELD, KERN CO., CAL.—Bakery, 2 story and base, brick, \$30,000. Architect's name not given. Owners, T. J. Cornish Co. The building will

cover an area of 80 by 100 feet and will be of fireproof construction. The latest and most approved sanitary equipment and machinery will be installed. Interior finish will be of pine. Considerable tile wainscot will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FIRE HOUSES AND JAILS.

WOODLAND, YOLO CO., CAL.—Jail, 2 story and base, reinforced concrete, \$10,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Yolo County. The Supervisors recently secured a site for the new building at the northeast corner of Court and 3rd streets. Construction will be fireproof throughout. The present jail building has been condemned as unfit and construction will be rushed. The building will contain separate wards for male and female prisoners, office of the Sheriff and a large guard room. Interior finish will be of pine. There will be steam heat and a modern system of ventilation and a hot water supply. Special jail equipment will be installed. Exterior of the building will be faced with cement plaster.

FLATS.

SAN FRANCISCO—Flats and store, 3 story and base, frame, \$7,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner Frank Giarritta. The building will be erected on Scott street near Chestnut, and has been designed to contain one store on the first floor and two flats of five rooms each on the upper floor. Interior will be finished in pine with some oak floors. There will be open fire places and tile mantels. Entrance steps will be of terrazzo. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, A. Harrington, 10 Judah street. The building will be erected on the east side of 5th avenue south of Irving street, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Flats, 2 story and base, frame, \$5,000. Architect, James H. L'Hommedieu, Syndicate Bldg., Oakland. Owner, Mrs. Dann. The building will be erected on Piedmont avenue, and has been designed to contain two five-room flats with baths. Interiors will be finished in pine with some hardwood floors and veneer panels. There will be large open fire places and tile mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, E. Gravel, 3015 J street sacramento. The building will be erected at 3017 J street, and has been

designed to contain two flats of five rooms each. Interiors will be finished in pine with some oak floors. Each living room will have a large open fire place. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, brick veneer, \$10,000. Architects, J. E. Kraft & Son, Phelan Bldg., S. F. Owner, Charles J. Gallatin. The building will be erected on Lake street near 16th avenue, and has been designed to contain two modern flats of five and six rooms. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a veneered pressed brick. Plans are complete and figures are being taken.

GARAGES.

SACRAMENTO, CAL.—Garage, 1 story, concrete block construction, \$2,500. Architect, none. Owner, H. C. Muddox. The building has been designed for a private garage and will be erected on 30th street. Interior will be finished in pine. There will be a cement floor. Exterior of the building will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Okanogan, Head Gates.

The following bids were received at the office of the U. S. Reclamation Service, Los Angeles, Cal., under advertisement No 306 for furnishing head gates for the Okanogan project, Washington:

Item 1, 1 36-in circular head gate; 2 1 40-in circular head gate; 3, 1 16-in circular head gate.

The C. D. Buchart Co., Denver, Colo., item 1, \$62; 2, \$110; 3, \$28; delivers Denver, 8 to 14 days.

Bayton Beater Holst Co., Dayton, O., item 1, \$98; 2, \$140; 3, \$44; deliveries Dayton, Ohio, 30 days

Hinman Hydraulic Mfg. Co., Denver, Colo., item 1, \$118; 2, \$130; 3, \$35.50; delivery Denver, 25 days.

Coffin Valve Co., Neponset, Mass., item 1, \$160; 2, \$280; 3, \$25.50; delivery Neponset, Mass., item 1, 30 days; 2, 15 days; 3, 2 days.

Caldwell-Wilcox Co., Newburgh, N. Y., item 1, \$126; 2, \$199; 3, \$52; delivery, Newburgh, N. Y., 6 days.

Chapman Valve Co., Boston, Mass., item 1, \$165; 2, \$255; 3, \$70; delivery Indian Orchard, Mass., 60 days.

Roe-Stevens Mfg. Co., Detroit, Mich., item 1, \$140; 2, \$225; 3, \$40; delivery Detroit, 30 days.

F. Morgan Smith Co., York, Pa., item 1, \$150; 2, \$240; 3, \$69; delivery York, Pa., item 1, 30 days; 2, 45 days; 3, 30 days.

Reclamation Service, Cable.

Abstract of proposals No. 305, triple-conductor cable, Boise Project, Idaho, United States Reclamation Service, opened at Los Angeles, Cal.:

Standard Underground Cable Co., Los Angeles, Cal., \$169.20, Pittsburgh, Pa., 45 days; reels \$20.

U. S. Steel Products Co., Los Angeles, Cal., \$504, Worcester, Mass., 32 days; reels \$13.

Idaho Falls, Idaho, Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Idaho Falls, Idaho:

Bid 1. R. E. Campbell, Salt Lake City, Utah.

2. Dieter & Wenzel Construction Co., Wichita, Kans.

3. Palmberg & Mattson, Astoria, Ore.

4. J. H. Wiese, City National Bank Building, Omaha, Neb.

5. Fisher & Aiken, Idaho Falls, Idaho.

6. Sound Construction and Engineering Co., Seattle, Wash.

7. Welch Bros. & Hannaman, Oakland, Cal.

Using limestone for all stonework, except where granite and marble are required—Bid 1, \$84,452; 2, \$91,000; 3, \$91,450; 4, \$89,765; 6, \$82,049; 7, \$94,716.

Using sandstone for all stonework except where granite and marble are required—Bid 1, \$84,452; 2, \$96,000; 5, \$96,000; 6, \$81,049.

Using (state name of stone and location of quarry) stone for all stonework, except where granite and marble are required—Bid 3, \$93,450; 6, \$80,549.

For alternate No. 1, substituting plate glass for all sheet glass and pressed-pattern glass, except in basement, as specified, add—Bid 1, \$390; 2, \$300; 3, \$600; 4, \$500; 5, \$800; 6, \$800; 7, \$200.

For alternate No. 2, substituting cement-finished concrete for macadam for the driveway, as specified, add—Bid 1, \$195; 2, \$651; 3, \$1,200; 4, \$350; 5, \$300; 6, \$150; 7, 250.

For alternate No. 3, fireproof construction of second floor and first-story partitions, furring, etc., terrazzo floor with marble base, etc., in second-story corridor, and janitor's closet, as specified, add—Bid 1, \$4,100; 2, \$2,970; 3, \$3,200; 4, \$4,738; 5, \$4,000; 6, \$4,200; 7, \$3,700.

Amount included in the proposal for furnishing and installing all interior lighting fixtures add—Bid 1, \$1,500; 2, \$700; 3, \$1,200; 4, \$1,000; 5, \$900; 6, \$1,700; 7, \$850.

Transmission Line Material.

The following is an abstract of the bids received at the U. S. Reclamation Service, Los Angeles, for furnishing transmission line material, under advertisement No. 307, Okanogan Project, Wash.:

Bid 1. John A. Roebling's Sons Co., Los Angeles, Cal.

2. Standard Underground Cable Co., Los Angeles, Cal.

3. Pacific States Electric Co., Los Angeles, Cal.

4. U. S. Steel Products Co., Los Angeles, Cal.

5. National Conduit & Cable Co., Los Angeles, Cal.

Item 1, 3,000 lbs. No. 5 B. & S. copers Strand—Bid 1, \$161.25, Trenton, 14 days; 2, \$461.25, Perth Amboy, 7 days; 3, \$472.45, Cleveland, 20 days; 4, \$172.50, Worcester, 20 days; 5, \$176.25, Hastings-on-Hudson, 7 days.

Reels, Item 1—Bid 1, \$10 or \$15; 2,

\$30; 3, \$10; 4, \$10, 5, \$275.

Item 2, 16,900 lbs. No. 3 B. & S. copper strand—Bid 1, \$159.50, 14 days; 2, \$759.50, 7 days; 3, \$771.78, 20 days; 4, \$771.75, 20 days; 5, \$781, 7 days. Deliveries same as item 1.

Reels, Item 2—Bid 1, \$10 or \$15; 2, \$30; 3, \$25; 4, \$10; 5, \$97.5.

Item 3, 70 lbs. B. & S. copper tie wire—Bid 1, \$10.30; 2, \$10.50; 3, \$10.87; 4, \$10.85; 5, \$10.50.

Deliveries—Bid 1, Trenton, 14 days; 2, Perth Amboy, 7 days; 3, Worcester, 20 days; 4, Worcester, 20 days; 5, Hastings, 7 days.

Item 4, 36 ft. soft copper splicing sleeves—No bids.

Item 5, 5 1-3 miles No. 6 B. W. G. double galvanized telephone wire—Bid 1, \$81.82, Perth Amboy, 14 days; 3, \$87, Cleveland, 20 days; 4, \$86.50, Cleveland, 10 days.

Item 6, 10 1/2 miles No. 12 B. W. G. double galvanized telephone wire—Bid 1, \$53.55, Trenton, 14 days; 3, \$53.25, Cleveland, 10 days; 4, \$53.35, Cleveland, or Worcester, 10 days.

Item 7, 2,100 ft 7-wire galvanized steel strand—Bid 1, \$25.50; 3, \$26.35; 4, \$26.45.

Time and points of delivery same as item 6. No reel charges.

Item 8, 48% in double galvanized thimbles—Bid 1, \$1.92; 3, \$2.40; 4, \$2.40. Time and point of delivery same as item 6.

Las Animas, Colo., Boilers, Etc.

The following bids were received by the chief of the Bureau of Yards and Docks, Navy Department, Washington, D. C., for boilers and accessories at the naval hospital, Las Animas, Colo.:

Item 1, work complete; 2, boilers and accessories; 3, flue, fan and motor, piping, etc.; 4, work complete under bidder's specifications, \$15,020.

The Babcock & Wilcox Co., Philadelphia, Pa., item 1, \$17,066; 2, \$15,020.

E. Keeler Co., Williamsport, Pa., item 2, \$11,285.

Joseph F. Schiller, Philadelphia, Pa., item 4, valves only, \$96.

The Best Manufacturing Co., Pittsburgh, Pa., item 3, \$1,913.

The Industrial Heating & Engineering Co., Milwaukee, Wis., item 1, \$13,400.

MARE ISLAND, NAVY YARD, CAL.—Navy supplies. Cost not stated. The Navy Department is now calling for figures for furnishing the following supplies to the Mare Island Navy Yard: Hard red brick, Douglas fir, blocks, paint cans, flake granite, lampblack, chrome green, red bronze, sheathing copper, medium billet and galvanized sheet steel, rod and sheet brass, sheet copper, brass and galvanized wrought pipe, steel wire brushes, elbows, trees and bushings. Bids will be opened on August 11th. Full particulars can be secured from the Commandant of the Mare Island Navy Yard.

SAN FRANCISCO — Signal system. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures will be opened on August 3rd for installing an electric signal system in the old United States Subtreasury Building in San Francisco. Plans and specifications can be secured from the Custodian of the building at San Francisco or from the Supervising Architect at Washington. An official proposal

appears in another column of this issue

-HALLS & SOCIETY BLDGS-

SAN FRANCISCO—City Hall interior stone work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on July 29th for the interior stone work for the new City Hall. The work has been out for figures before. Plans and specifications can be secured from the Board of Public Works.

Contracts Awarded.

OAKLAND, CAL.—Municipal auditorium work. Cost not stated. Architects, J. J. Donovan and Walter Matthews, Oakland. Owners, City of Oakland. The following contracts have been awarded for construction on the Oakland Municipal Auditorium: Carpentry and mill work, Foster-Vogt Co., \$33,850; heating and ventilating, Victor Engineering Co., \$24,195; dampproofing, National Roofing Co., \$1,290; composition roofing, Bay Cities Roofing Co., \$1,117; plumbing and gas fitting, Carl Doell, \$17,927; automatic fire extinguishing system, Scott Co., \$4,350. In the matter of bids for architectural metal, glass and glazing, and sheet metal and skylights, same have been referred to the contract committee of the commission for investigation.

HOSPITALS

SAN FRANCISCO—Hospital, 1 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The building will be known as the Potrero Emergency Hospital, and will be erected at the corner of 20th and Kentucky streets. Construction will be fireproof with interior partitions of metal lath and plaster. Interior finish will be of pine with considerable tile specified. There will be a central heating system. Modern hospital plumbing and equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened by the Board of Public Works on August 5th.

ELDRIDGE, SONOMA CO., CAL.—Epileptic cottage, frame and concrete, \$18,140. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 21st for the construction of a cottage for epileptics at the Sonoma State Home show Lewis Cereghino & Son of San Francisco low at \$18,140. They will probably be awarded the contract. A complete list of these figures will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

PATTON, SAN BERNARDINO CO., CAL.—Hospital laundry building, 1 story, brick and concrete, \$18,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 22nd for the construction of a laundry building at the Southern State Hospital at Patton show Mulder & Harnish of Los Angeles low at \$17,889. They will be awarded the work. A complete list of these figures will be found under the heading of Los Angeles and Southern California in this issue.

AGNEWS, SANTA CLARA CO., CAL.—Hospital cottages, 1 story, frame and reinforced concrete, \$35,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans are now being prepared for several cottages to be erected at the Agnews State Hospital, which will replace the temporary buildings erected just after the earthquake. Construction will be similar to that of the cottages recently erected at several other of the state hospitals. Plans are now being prepared and further mention will be made of the work when bids are called.

HOTELS.

TURLOCK, STANISLAUS CO., CAL.—Hotel, 2 story and base, brick, \$18,000. Architect, L. K. Condrallan, Fresno. Owner, A. Toprabanian. The building will be erected at the corner of Main and Broadway and will contain four stories on the first floor. Upper floor will be arranged for 30 guest rooms and several baths. Interior finish will be of pine throughout. Patent store fronts are specified. There will be a hot water system. Bath rooms will have tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL. Hotel alteration, 2 story and base, brick, \$12,500. Architect, none. Owner, J. C. Craine, 27 South El Dorado street, Stockton. The present building will be remodeled into an up-to-date rooming house. The first floor will contain stores besides the hotel entrance. There will be new painting, plastering, electric work and carpentry. A steam heating system and hot water supply will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be carried on by Day Labor.

LODI, SAN JOAQUIN CO., CAL.—Hotel, 4 story and base, brick and steel, \$50,000. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owner, Lodi Hotel Co. The building will be erected on a corner site and will contain three stores and the hotel dining room and lobby on the first floor. Upper floors will be arranged for in the neighborhood of 100 guest rooms and a number of public and private baths. Interior finish will be of pine with some hardwood veneer and ornamental plaster. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile with composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. A contract for the structural steel has been awarded the Ralston Iron Works, S. F., for \$5,000, and figures will be taken at once for the balance of the work.

LOS ANGELES, CAL.—Hotel, 5 story and base, Class B construction, \$100,000. Architect, Arthur Lindley, Hollingworth Bldg., L. A. Owner's name withheld. The building will be erected on Gladys avenue near 4th street and will cover an area of 100 by 100 feet. There will be a complete steel frame and brick exterior walls. There will be a total of 150 guest rooms with about 25 per cent baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will

have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Robert G. Seller. The building will be erected on South San Pedro street, covering an area of 42 by 122 feet. There will be two stories on the first floor besides the hotel office. Upper floors will contain a total of 50 guest rooms and several public baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now complete and figures are being taken.

LIBRARIES.

CLOVIS, FRESNO CO., CAL.—Library, 1 story and base, reinforced concrete, \$7,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Town of Clovis. Competitive plans of Glass & Butner have been accepted for the new library building. There will be two reading rooms, librarian's office and stack rooms. Interior finish will be of pine with maple floors. There will be a central heating system. Metal book stacks will be specified. Exterior of the building will be faced with cement plaster. Working drawings are now being prepared. Further mention will be made of the work when figures are called.

CORNING, TEHAMA CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architect, Clarence L. Stiles, 216 Parker street, Berkeley. Owners, Town of Corning. The building has been designed in the classic style and will contain two reading rooms, office for the librarian and stack room. A central heating system will be installed. Interior of the building

will be finished in pine with some maple floors. Metal book stacks will be used. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures are now being taken. Bids will be opened on August 15th. An official proposal appears in another column of this issue.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect, L. M. Turton, Napa. Owners, Town of Vacaville. The building has been designed in the classic style and will contain a large public reading room, stack room and office of the librarian. Interior finish will be of pine throughout with maple floors in the reading room. There will be a central heating system and metal book stacks. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

RAILROAD CONST., STATIONS AND EQUIPMENT.

Contracts Awarded.

SHERIDAN, PLACER CO., CAL.—Railroad construction. Cost not stated. Engineer's name not given. Owners, Dairy Farm Mine Co. Contractors, Alta Construction Co. Contract price not

given. Note: The road will be seven miles long, narrow gauge and will connect Sheridan with the Dairy Farm Mine.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Live stock buildings, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee of the Exposition Co. for the additional buildings for the Live Stock Exposition show the Western Building and Engineering Co. low at \$36,100. They will probably be awarded the contract.

SAN FRANCISCO—State exhibit building, 1½ story, frame and plaster. Cost not stated. Architect, Charles K. Bryant, Richmond, Va. Owners, State of Virginia. The building will be an exact reproduction of the George Washington home at Mt. Vernon. The building will cover an area of 91 by 45 feet. Plans and specifications have been completed and figures will be called for shortly.

SAN FRANCISCO—State exhibit building, 2 story and base, frame and plaster. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, State of Michigan. The building will house the state exhibits and besides will contain a large assembly room and auditorium. Interior will be finished in pine throughout. Exterior will be covered with cement plaster. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SAN FRANCISCO—Concession work, plaster facade and grand stands. Cost not stated. Architect, J. J. Foley, 46 Kearny street, S. F. Owners, Fighting the Flames, Contractors, Commarby-Peterson Co., 46 Kearny street, S. F. Contract price not stated.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster, \$29,500. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii. Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$29,500.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. The building will be erected on J street near 12th avenue and has been designed for a six room house with bath and sleeping porch. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, E. J. Spence, 537 25th avenue, S. F. Owners, Spence and Feerick, 537 25th avenue. The dwelling will be erected on the east side of 19th avenue north of Balboa street, and has been designed to contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the

living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1 story and base, frame, \$4,000. Architect, M. J. Welsh, 22nd and Howard streets, S. F. Owner, Mr. Vanucci. The dwelling has been designed to contain seven rooms and bath and will be erected in the Potrero District. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and an automatic water heater will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$8,000 each. Architect, none. Owner, M. A. Little, 1347 4th avenue, S. F. These houses will be erected on property recently purchased by Mr. Little on Devisadero near Green street. Each house will be designed to contain eight rooms, three baths and sleeping porch. Interiors will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and will have composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are being prepared and when complete the owner will do the work by Day Labor. Construction has been started on the first dwelling.

SAN FRANCISCO—Triplex residence, 3 story and base, frame, \$12,000. Architect, Charles F. Whittlessey, 555 Clayton street, S. F. Owner, Emily M. Mullikan. The dwelling will be erected on the north side of Vallejo street west of Laguna, and has been designed to contain three dwellings of six and seven rooms. Interiors will be finished in pine and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be a central heating system and open fire places. Mantels will be of tile or brick. All bath rooms will have tile wainscot and composition floors, and will be equipped with showers. Exteriors will be covered with cement plaster on metal lath and rustic. Plans are complete, figures in and a contract will be awarded shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, C. J. Pfprang, Hudson and Claremont, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Hanover street near Newton. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the

work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,000. Architects, Hutchinson Bros., 170 13th street, Oakland. Owner, Fred Peters. The dwelling will be erected on Prince street near College avenue and has been designed to contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, H. Ware. The dwelling will be erected on Nova Piedmont, and has been designed to contain seven rooms, bath and sleeping porch. Pine interior trim will be used throughout. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and composition floor will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2311 Telegraph avenue, Berkeley. Owner, Mrs. L. Olsen. The dwelling has been designed for a seven-room house and will be erected on Santa Ray avenue. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, Mr. Schmidt. The dwelling has been designed for a five-room house with bath. Interior finish will be finished in pine throughout. Hardwood floors will be used in the dining room and living room. There will be open fire places and tile mantels. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, Albert Farr Foxcroft Bldg., S. F. Owner, W. N. Moore. The dwelling will be erected on a large lot and has been designed to contain 20 rooms, 6 baths and sleeping porches. Interior finish will be of tile, pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places, vacuum cleaning and automatic water heaters. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with

showers. Exterior of the dwelling will be covered with cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$2,000. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, M. P. Brash. The dwelling will be erected in Country Club Heights and has been designed to contain five rooms and bath. Interior will be finished in pine throughout. Hardwood floors will place and tile or brick mantel. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$7,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, J. W. Kennedy. The dwelling will be erected in Haddon Hill Tract and has been designed to contain eight rooms, three baths and sleeping porch. A frame garage will be erected on the rear of the lot. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room, den and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and composition floors. Automatic water heaters will be specified. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Leon M. Gove. The dwelling will be erected on Walker avenue and has been designed to contain eight rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete, and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, E. W. Woodward, 2645 13th avenue, Oakland. The dwelling has been designed for a seven-room house and will be erected on West 14th avenue. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, B. F. Butler, 333 49th street, Oakland. The dwelling has been designed for a six-room house and will be erected on Walla Vista avenue. Pine and redwood interior finish will be used. There will be hardwood floors in the principal rooms. Plans provide for open fire places and tile mantels. Bath room will have tile

wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, hollow tile, \$1,500. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner, V. Grey. The house will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer, hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$3,350. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner's name withheld. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine with some hardwood floors and hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner's name withheld. The dwelling will be erected in Cherokee Lane and has been designed for a six-room house with bath. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Bungalow, 1 story, frame, \$2,000. Architect, none. Owner, D. Lamorue, 4219 Stanford avenue, Sacramento. The dwelling will be erected in the Wright & Kimbrough Tract, and has been designed for a six-room house. Interior will be finished in pine throughout. There will be open fire place and tile mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Fay R. Spangler, Monadnock Bldg., S. F. Owner, W. H. Coffinberry. The dwelling will be erected on a large terrace lot and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

MARE ISLAND, CAL.—Officers' bungalows, 2, 1 story and base, frame, \$3-

500 each. Architect, Public Works Department, Mare Island, Owners, United States Government. The Navy Department has authorized the preparation of plans for two officers' bungalows at Mare Island. Each building will contain six rooms and bath. Interiors will be finished in pine throughout. Oak floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior will be covered with rustic and shingles. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Residence, 2 story and base, reinforced concrete. Cost not stated. Architects, Bebb & Gould, Denny Bldg., Seattle. Owner, J. H. Eldell. Contractors, Johnson Bros., 4315 Thackeray Place, Seattle. Contract price not stated.

SCHOOLS.

MODESTO, STANISLAUS CO., CAL.—School additions and repairs. Cost not stated. Architect, none. Owners, City of Modesto. Bids will be opened on July 30th for two small temporary school buildings, an addition to the manual training room at the High School and a small building at the Sixth street grounds. Plans and specifications can be secured from the Secretary of the Board of Education, Modesto.

OAKDALE, STANISLAUS CO., CAL.—Gymnasium and service building, 2½ story, brick, \$13,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Oakdale High School District. The building has been designed to contain a gymnasium, service department and auditorium, and will be erected on the High School grounds. Interior finish will be of pine. There will be steam heat and special gymnasium equipment. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

FRENCH CAMP, SAN JOAQUIN CO., CAL.—School addition, 1 story, frame, \$5,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, French Camp School District. The work will be in the nature of an addition of two class rooms to the present school. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

TRACY, SAN JOAQUIN CO., CAL.—School, 1 story and base, frame, \$5,000. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Tracy District School Trustees. The building will contain two class rooms. Interior will be finished in pine. There will be composition blackboards. Exterior of the building will be covered with rustic. Plans are now being prepared.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick and concrete. Cost not stated. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Bids will be opened on September 8th for a two-story class room and auditorium building at the High School. Separate bids will be taken for the general construction and for the heating, ventilating and plumbing. Details of the work have not been received but can be obtained from the architect.

SONOMA, SONOMA CO., CAL.—School, 1 story and base, brick. Cost not stated.

ed. Architect, A. C. Lutgens, 525 Market street, S. F. Owners, Sonoma School District. The building will contain six class rooms, domestic science and manual training departments and assembly room. Interior will be finished in pine with maple floors in the class rooms. A central heating system will be installed. Exterior will be faced with pressed brick. Bids were opened on July 28th. A complete report of the figures received will be issued next week.

KENTFIELD, MARIN CO., CAL.—School, 1 story and base, frame, \$12,000. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building has been designed to contain four rooms and an assembly hall. Interior will be finished in pine throughout with maple floors in the class rooms. Blackboards will be of composition. No heat will be installed. Exterior of the building will be covered with cement plaster on metal lath. Working drawings are being prepared and figures will be called for about August 5th. Further mention will be made of the work at that time.

BERKELEY, ALAMEDA CO., CAL.—School gymnasium building, 2 story and base, brick. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids were opened by the State Board of Control on July 20th for the construction of this building and show Frank Gallagher of San Francisco low at \$39,900. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

LA JOLLA, SAN DIEGO CO., CAL.—Pier at school, concrete construction. Cost not stated. Architect's name not given. Owners, Regents of the University of California. Bids were opened by the Regents of the University of California for the construction of a pier and other work in connection with the development of the Biological Research Institute at La Jolla. A complete list of all bids together with the alternate propositions will be found under the heading of Los Angeles and Southern California in this issue.

REDONDO BEACH, LOS ANGELES CO., CAL.—School, 1 story and base, brick and hollow tile, \$10,000. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Redondo Beach School District. The building will contain ten class rooms, manual training and domestic science departments and an auditorium seating 400 people. Interior will be finished in pine with maple floors in the class rooms. A central heating system, storage rooms, etc., will be located in the basement. Plans provide for modern school plumbing and electric work. Exterior of the building will be faced with ruffled brick and cement plaster. Plans are now being prepared.

SALEM, ORE.—School administration building, 2 story and base, reinforced concrete and brick, \$100,000. Architect, W. C. Knighton, Salem, Owners, State of Oregon. The building will form a part of the group of the State University buildings. Construction will be fireproof. Other details of construction have not been given out. Exterior will be faced with pressed brick and terra cotta. Plans will be ready for figures about the first week in August.

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SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Power station, 1 story, Class A construction, \$28,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. The building will form an addition to the company's present station at the north-east corner of 23rd and Georgia streets. Construction will be fireproof throughout with a complete steel frame and reinforced concrete walls and floors. Interior partitions will be of hollow tile. There will be special electrical work and machinery. Exterior of the building will be faced with pressed brick. Plans are complete and figures have been received and are now under advisement in the architect's office.

HAYWARDS, ALAMEDA CO., CAL.—Road repair, \$3,000. Engineer, County Surveyor Haviland, Oakland. Owners, Alameda County. Bids will be received on August 3rd for repairs to the County Road from Haywards to Dublin. Plans can be secured from the County Clerk or County Surveyor in Oakland.

SAN MATEO, CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be received on August 3rd by the Board of Supervisors for constructing approximately 1.581 miles of highway, known as a portion of Route 6, Divisions 1 and 2, San Mateo County Highways. Plans can be secured from the County Clerk or County Surveyor at Redwood City.

SHASTA SPRINGS, SISKIYOU CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. Bids will be opened on August 4th for constructing the county road known as the Shasta Springs-McCloud Cut-off. Plans and complete information can be secured from the County Surveyor or County Clerk.

SALT RIVER IRRIGATION PROJECT, ARIZ.—Canal work. Cost not stated. Engineers, United States Reclamation Service, Phoenix, Ariz. Owners, United States Government. Bids will be received on August 17th by the U. S. Reclamation Service at Washington, D. C., for constructing the Cave Creek Cut-off. The work involves approximately 131,000 cubic yards of excavating and 300 cubic yards of concrete work.

Contracts Awarded.

SHASTA CO., CAL.—Highway construction, \$166,216.40. Engineers, California State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Palmer-McBryde Construction Co., S. F. Contract price, \$166,216.40.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and lofts, 2 story and base. Class A construction, \$20,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F.

Owner, Mrs. Hulda Floodberg. The building will be erected on the west side of Powell street between Sutter and Bush, having a frontage of 20 feet and a depth of 82 feet. There will be a complete steel frame, designed to carry additional stories. The first floor will contain one store. Upper floor will be designed for a loft or lodge room. There will be steam heat, metal window frames and sash and metal lath and plaster interior partitions. Finish will be of pine. Patent store fronts are specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are ready for figures.

SAN FRANCISCO—Saloon, 1 story, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. McClure. The building will be erected at the corner of Main and Bryant streets. Interior will be finished in pine with tile floor. Special bar fixtures will be installed. Exterior will be covered with shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Store and office addition, 2 story. Class A construction. Cost not stated. Architect, L. B. Dutton, Chronicle Bldg., S. F. Owners, Balfour-Guthrie Co. A two-story addition to the present building of the Balfour-Guthrie Co. will be erected. The structure on California street is a classic building with a steel frame and granite exterior walls. The new portion will be fitted up for offices of the company and will be finished in hardwood. Steam heat will be used. Plans are now being prepared.

OAKLAND, CAL.—Stores, 1 story, frame and plaster, \$2,500. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, G. B. Kibbe. This building will be erected on Redwood Road and will contain two stores. Interiors will be finished in pine and redwood. There will be patent store fronts. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owner, Frank H. Ball, 911 J street, Fresno. The building will be erected at the corner of Kern and J streets, covering an area of 30 by 150 feet. There will be eight modern stores. Interiors will be finished in pine throughout. Some hardwood will be used in the display windows. Patent store fronts are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the owner.

Contracts Awarded.

LOS ANGELES, CAL.—Office building, 12 story and base. Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Bldg. Co. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. general construction. Contract price not stated.

THEATRES.

SAN FRANCISCO—Theatre, 1 story and base. Class A construction. Cost not stated. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner's name withheld. The building will be erected on the property on the west side of Mason street adjoining the Down Town Realty Co.'s hotel at the corner of Mason and Eddy streets and extending into the rear portion of their property. Construction will be fireproof throughout. The Mason street frontage will be occupied by stores. Plans have been approved and figures will be taken at once.

FRESNO, FRESNO CO., CAL.—Theatre, 2 or 3 story and base. Class A construction, \$75,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alexander Pantages. Mr. Pantages has secured a site in the heart of the business section and will erect a fireproof theatre building with offices on the upper floor. Details of construction have not been settled. Further mention of the work will be made shortly.

STOCKTON, SAN JOAQUIN CO., CAL.—Theatre, 2 or 3 story and base. Class A construction, \$75,000 to \$100,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alexander Pantages. Mr. Pantages has announced the selection of a site in the business district and states that he will start construction of a modern theatre building within a few months. Details of the building and the exact location have not been made public. Further mention will be made of the work as the plans progress.

SEALED PROPOSALS.**PROPOSALS FOR CANAL WORK.**

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Phoenix, Ariz., until 2 o'clock, **August 17, 1914**, for the construction of the Cave Creek cutoff of the Arizona Canal, Salt River Project, Ariz., and the necessary materials in connection therewith, involving approximately 131,000 cubic yards of excavation and 300 cubic yards of concrete in structures. The work is situated near the town of Glendale, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Phoenix, Ariz. P. H. NEWELL, director.

PROPOSALS FOR SIGNAL SYSTEM.

SIGNAL SYSTEM—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **3 p. m., August 3, 1914**, and then opened, for an electric signal system in the United States subways (old) building, San Francisco, Cal., in accordance with the specification, copies of which may be had at this office or at the office of the custodian, in the discretion of the supervising architect, O. WENDEROOTH, supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 862—Proposals for Centrifugal Pumps, Cast Iron Pipe Fittings, Venturi Meters, Fuse Panels, Electric Cable, Galvanized Conduit, Check Valves, Steel Angles, Cardboard, Paper, Crude Carbolic Acid, Caustic Soda and Rosin—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10-30 a. m., August 3, 1914**, at which time they will be opened in public, for furnishing the above-mentioned articles. Plans and general information relating to this circular (No. 862) may be obtained

from this office or the offices of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR MACHINERY.

MACHINERY—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Washington Canal locks will be received at this office until 12 m. August 10, 1914, and then publicly opened. Information on the project, also an engineer office, Seattle, Wash.; Pittsburgh, Pa., and Chicago, Ill. J. B. CAVANAUGH, major, engineers.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. August 22, 1914, for the construction, complete (including mechanical equipment, except elevator, lighting fixtures and approaches), of the United States post office and court house at Medford, Oreg. Three-story and basement building, ground area 5,500 square feet, first floor fire proof, stone, ornamental terra cotta and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Medford, Oreg., or at this office in the U. S. Engineer Office, Washington, D. C. Drawings and specifications will be ready for delivery after July 8, 1914. O. WENDEOTH, supervising architect.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 5th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The general construction of the Pottero Emergency Hospital to be located at Twentieth and Kentucky streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of the printed proposal forms from the Board of Public Works and completed within one hundred and fifty (150) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the supervisors, for an amount not less than ten per cent of the aggregate of the proposal. Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made under the forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Board of Trustees of the Carnegie Public Library, Corning, California, up to and including Thursday, August 13, 1914, at 8 o'clock p. m.; said bids and there to be publicly opened and read for furnishing the necessary materials and labor for the construction thereof, to wit:

One one-story and basement building for library purposes according to plans and specifications now on file with the Secretary of said Board of Trustees.

Bids must be on both reinforced concrete throughout and a combination of concrete for basement and brick for the upper story.

Cash, a bidder's bond or certified check in the sum of ten (10) per centum of the bid must accompany each bid.

Blueprints and specifications may be obtained by application to the Secretary of the Board, or may be seen at the office of Clarence L. Stiles, Architect, 2116 Parker street, Berkeley, California.

All bids must be addressed to R. B. Fripp, Secretary, Corning, California, and plainly marked on the envelope: "Proposals for the Construction of the Carnegie Public Library, Corning." Signed H. R. Fripp, Sec.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 861—Proposals for Material for Two 44,000-Volt Substations at Darien and Gamboa, including Transformers, Switches, Lightning Arresters, Switch Panels, Annunciators, Fuses, Etc.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m., August 5, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information on this contract may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BRIDGE CONSTRUCTION.

BRIDGE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, until 2 o'clock p. m., July 30, 1914, for furnishing material and erecting one 96-foot span steel highway bridge over the spillway channel, Arrowrock Dam, Boise Project, Idaho. For particulars address the United States Reclamation Service, Washington, D. C., or Boise, Idaho. F. H. NEWELL, Director.

PROPOSALS FOR LOCK MACHINERY.

LOCK MACHINERY—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Washington canal locks will be received at this office until 12 m. August 10, 1914, and then publicly opened. Information on application at engineer's office, Seattle, Wash. J. E. CAVANAUGH, major, engineers.

PROPOSALS FOR PAINTING.

PAINTING AND REPAIRS—U. S. Post Office, Fresno, Cal.—Custodian's Office—Sealed proposals will be received at this office until — m., 1914, and then opened for repairs and painting at this building, in accordance with drawings and specifications, copies of which may be obtained upon application. Custodian.

PROPOSALS FOR WOOD STAVE PIPE.

WOOD STAVE PIPE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, 519 Commonwealth Building, Denver, Colo., until 2 o'clock p. m., July 30, 1914, for the construction of approximately 1,750 lin ft of 60-in., 8,560 lin ft of 32-in., and 2,406 lin ft of 24-in diameter Douglas wood stave pipe for the Belle Fourche project, S. Dak.; the Uncompahgre Valley project, Colo., and the North Platte project, Neb., respectively. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. F. H. NEWELL, Director.

PROPOSALS FOR STEEL GATES.

STEEL GATES—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Great Falls, Mont., until 2 o'clock p. m., August 4, 1914, for furnishing structural steel

and cast iron sluice and regulator gates, gate frames, gate stands, and accessories for projects in the northern division. For particulars address the U. S. Reclamation Service, Washington, D. C., or Great Falls, Mont. F. H. NEWELL, Director.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 19th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$500,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Erecting Five Industrial Buildings" will be received at the office of the U. S. Engineer, Department, Washington, D. C., until 11 o'clock a. m., August 15, 1914, and then and there publicly opened, for erecting five industrial buildings at the United States naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau or to the commandant of the station, H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, July 30, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction, erection and installation of the Elevator Work, California State Library, State Capitol Building, Sacramento, California, in accordance with plans and specifications therefore, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Said bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of \$10.00 Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to make any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California." [SIGNED]

W. F. MCCLURE, State Engineer (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to locality. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

LIVE STOCK BUILDINGS—Frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened by the Buildings and Grounds Committee of the Exposition Co. for the additional buildings for the Live Stock Exposition show the Western Building and Engineering Co. low at \$36,400. They will probably be awarded the contract.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on Mission street between 6th and 7th streets. There will be a number of two and three room suites with private baths and wall beds. Interior will be finished in pine and elm panels. Plans provide for steam heat and a hot water system. Bath rooms will have composition floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of California street east of Leavenworth, and has been designed to contain a number of four-room suites. Interiors will be finished in pine with some hardwood floors and wainscot. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds. Exterior of the building will be covered with cement plaster on metal lath. Marble and tile will be used in the entrance. Plans are being prepared.

STATE EXHIBIT BUILDING—1½ story, frame and plaster. Cost not stated. San Francisco. Architect, Charles K. Bryant, Richmond, Va. Owners, State of Virginia. The building will be an exact reproduction of the George Washington home at Mt. Vernon. The building will cover an area of 91 by 45 feet. Plans and specifications have been completed and figures will be called for shortly.

FERRY SLIPS—Timber pile construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans and specifications have been approved for the construction of two new slips at the south end of the Union Ferry Building. Bids are now being called for and will be opened by the State Board of Harbor Commissioners on August 13th. Plans and specifications can be secured from the Harbor Commissioners.

STORAGE SHED—1 story, frame and corrugated iron. Cost not stated. San Francisco. Architect, none. Owners, Meese & Gottfried, S. F. The building will be erected at the northwest corner of 19th and Harrison streets. No interior finish will be installed. Exterior

of the building will be covered with corrugated iron. Plans are in the hands of the owners and the work will be done by Day Labor.

FLATS AND STORE—3 story and base, frame, \$7,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Frank Giarratta. The building will be erected on Scott street near Chestnut and has been designed to contain one store on the first floor and two flats of five rooms each on the upper floor. Interior will be finished in pine with some oak floors. There will be open fire places and tile mantels. Entrance steps will be of terrazzo. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

FLATS—2 story and base, frame \$3,000. San Francisco. Architect, none. Owner, A. Harrington, 10 Judah street. The building will be erected on the east side of 5th avenue south of Irving street, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SIGNAL SYSTEM—Cost not stated. San Francisco. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures will be opened on August 3rd for installing an electric signal system in the old United States Subtreasury building in San Francisco. Plans and specifications can be secured from the Custodian of the building at San Francisco or from the Supervising Architect at Washington. An official proposal appears in another column of this issue.

HOSPITAL—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The building will be known as the Potrero Emergency Hospital and will be erected at the corner of 20th and Kentucky streets. Construction will be fireproof with interior partitions of metal lath and plaster. Interior finish will be of pine with considerable tile specified. There will be a central heating system. Modern hospital plumbing and equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened by the Board of Public Works on August 5th.

CITY HALL INTERIOR STONE WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on July 29th for the interior stone work for the new City Hall. The work has been out for figures before. Plans and specifications can be secured from the Board of Public Works.

POWER STATION—1 story Class A construction, \$38,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. The building will form an addition to the company's present station at the northeast corner of 23rd and Georgia streets. Construction will be fireproof throughout with a complete steel frame and brick and reinforced concrete walls and floors. Interior partitions will be of hollow tile. There will be special electrical work and machinery. Exterior of the building will be faced with pressed brick. Plans are complete and figures have been received and are now under advisement in the architect's office.

CANAL WORK—Cost not stated. Salt River Irrigation Project, Ariz. Engineers, United States Reclamation Service, Phoenix, Ariz. Owners, United States Government. Bids will be received on August 17th by the U. S. Reclamation Service at Washington, D. C., for constructing the Cave Creek Cut-off. The work involves approximately 131,000 cubic yards of excavating and 300 cubic yards of concrete work.

STATE EXHIBIT BUILDING—2 story and base, frame and plaster. Cost not stated. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, State of Michigan. The building will house the state exhibits and besides will contain a large assembly hall and auditorium. Interior will be finished in pine throughout. Exterior will be covered with cement plaster. Plans are nearly complete and figures will be called for shortly.

FLATS—2 story and base, brick veneer, \$10,000. San Francisco. Architects, J. E. Kraft & Son, Phelan Bldg., S. F. Owner, Charles J. Gallatin. The building will be erected on Lake street near 16th avenue and has been designed to contain two modern flats of five and six rooms. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with a veneered pressed brick. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. The building will be erected on J street near 12th avenue and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, E. J. Spence, 537 25th avenue S. F. Owners, Spence and Feerick, 557 25th avenue. The dwelling will be erected on the east side of 19th avenue north of Balboa street, and has been designed to contain six rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room

and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1 story and base, frame, \$4,000. San Francisco. Architect, M. J. Welsh, 22nd and Howard streets, S. F. Owner, Mr. Vanucci. The dwelling has been designed to contain seven rooms and bath and will be erected in the Potrero District. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and an automatic water heater will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCES—4, 2 story and base, frame, \$8,000 each. San Francisco. Architect, none. Owner, M. A. Little, 1347 4th avenue, S. F. These houses will be erected on property recently purchased by Mr. Little on Divisadero street near Green street. Each house will be designed to contain eight rooms, three baths and sleeping porch. Interiors will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and will have composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are being prepared and when complete the owner will do the work by Day Labor. Construction has been started on the first dwelling.

TRIPLEX RESIDENCE—3 story and base, frame, \$12,000. San Francisco. Architect, Charles F. Whittlessey, 555 Clayton street, S. F. Owner, Emily M. Mulligan. The dwelling will be erected on the north side of Vallejo street west of Laguna, and has been designed to contain three dwellings of six and seven rooms. Interiors will be finished in pine and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be a central heating system and open fire places. Mantels will be of tile or brick. All bath rooms will have tile wainscot and composition floors and will be equipped with showers. Exterior will be covered with cement plaster on metal lath and rustic. Plans are complete, figures in and a contract will be awarded shortly.

RESIDENCE—2 story and base, frame, \$3,500. South San Francisco, San Mateo Co., Cal. Architect, Pay R. Spangler, Monadnock Bldg., S. F. Owner, W. H. Coffinberry. The dwelling will be erected on a large terrace lot, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

STORES AND LOFTS—2 story and base. Class A construction, \$20,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mrs. Hulda Floodberg. The building will be erected on the west side of Powell street between Sutter and Bush, having a frontage of 20 feet and a depth of 92 feet. There will be a complete steel frame, designed to carry additional stories. The first floor will contain one store. Upper floor will be designed for a loft or lodge room. There will be steam heat, metal window frames and sash and metal lath and plaster interior partitions. Finish will be of pine. Patent store fronts are specified. Exterior of the building will be faced with pressed brick and terra cotta. Plans are ready for figures.

SALOON—1 story, frame. Cost not stated. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. McClure. The building will be erected at the corner of Main and Bryant streets. Interior will be finished in pine with tile floor. Special bar fixtures will be installed. Exterior will be covered with shiplap. Plans are complete and figures are being taken.

STORE AND OFFICE ADDITION—2 story. Class A construction. Cost not stated. San Francisco. Architect, L. B. Dutton, Chronicle Bldg., S. F. Owners, Balfour-Guthrie Co. A two-story addition to the present building of the Balfour-Guthrie Co. will be erected. The structure on California is a classic building with a steel frame and granite exterior walls. The new portion will be fitted up for offices of the company and will be finished in hardwood. Steam heat will be used. Plans are now being prepared.

THEATRE—1 story and base. Class A construction. Cost not stated. San Francisco. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner's name withheld. The building will be erected on the property on the west side of Mason street adjoining the Down Town Realty Co.'s hotel at the corner of Mason and Eddy streets and extending into the rear portion of their property. Construction will be fireproof throughout. The Mason street frontage will be occupied by stores. Plans have been approved and figures will be taken at once.

Contracts Awarded.

CONCESSION WORK, PLASTER FACADE AND GRAND STANDS—Cost not stated. San Francisco. Architect, J. J. Foley, 46 Kearny street, S. F. Owners, Fighting the Flames. Contractors, Commary-Peterson Co., 46 Kearny St., S. F. Contract price not stated.

Bids For Livestock Bldg. At Exposition.

Buildings and Grounds Committee Open Bids for Four Sets of Buildings at Exposition.

Bids were opened at the Monday morning session of the Buildings and Grounds Committee of the Panama-Pacific International Exposition for constructing four buildings in connection with the Live Stock Exhibit. The Western Building and Engineering Co. submitted the lowest bid at \$36,400. Following is a complete list of the bids:

Live Stock Buildings.

Strehlow, Freese & Peterson.....	\$39,878
Western Building & Eng. Co.....	36,400
McSheehy Bros.....	42,825
John Monk.....	36,736
Neil A. McLean.....	42,800
Dunnivant-Houghton-Van Sant Co.....	42,933
Baker & Welsh.....	38,995

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
2471	Same	Bridge	2500
2472	Pacific G & E Co.	Fennell	387
2473	Sutro	Johnson	1885
2474	Traders Rlty	Marshall	4400
2475	Same	Band	16249
2476	Sommer	Ziff	4816
2477	Gartland	Karib	7200
2478	Fessler	Fessler	400
2479	Jannson	Jannson	1450
2480	Muzlo	Vilean	1400
2481	Bjorkman	Bjorkman	1400
2482	United Adv.	Federal	2000
2483	Quirle	Quirle	2000
2484	Neel	Collins	4000
2485	McLaughlin	Matthews	12117
2486	Keefe	Johnson	38350
2487	Parker	Bell	3540
2488	National Ice	Carlson	9543
2489	Same	Carlson	18305
2490	Same	Brandon	26361
2491	Australia	Pringle	52572
2492	Oberfeld	Cal Mill	3000
2493	Same	Yulean	830
2494	Same	Draper	1300
2495	Same	Leaf	1700
2496	Same	Kelly	1650
2497	Same	Cramer	1400
2498	Schlessinger	Greenback	4980
2499	Eby	Eby	700
2500	Delmonte	Ingrassia	1000
2501	Connell	Sullivan	400
2502	Ehrman	Ehrman	1500
2503	Thompson	Faulkner	400
2504	Pratt	Pratt	3000
2505	Mini	Mini	400
2506	Comp	Air Mch	1000
2507	Basbato	Basbato	600
2508	Rulfs	Rulfs	12500
2509	Metro Laundry	Owner	750
2510	Same	Cox	500
2511	Johnson	Johnson	500
2512	Greich	Greich	1500
2513	Harrington	Harrington	5000
2514	Pacific Aerospace	Butte	5580
2515	Same	Butte	5580
2516	Wendt	Evans	3000
2517	Clift	Franz	43329
2518	Same	Fuller	8684
2519	Alred	Alred	1200
2520	Same	Same	1800
2521	Same	Same	1800
2522	Same	Same	1800
2523	Same	Same	1800
2524	Shaefe	Miller	1000
2525	Leider	Camilli	750
2526	Good	Good	1925
2527	St. Luke	St. Luke	400
2528	French	French	500
2529	Sherman	Ferguson	700
2530	Costa	Bogart	1000
2531	Sheehan	Higginson	1000
2532	Vanderberg	Pierson	625
2533	Little	Little	8000
2534	Same	Same	8000
2535	Same	Same	8000
2536	Same	Same	8000
2537	Souvenir Watch	Mains	5500
2538	Verga	Ellipps	4620
2539	Same	Curran	560
2540	National West	Alcott	1200
2541	White	Albach	1000
2542	Same	Kunst	900
2543	Grosch	Brode	635
2544	Same	Brode	1200
2545	Same	Fuller	1129
2546	Same	Swanson	4400
2547	Same	National	5879
2548	Olsen	Olsen	1100
2549	Mentzer	Mentzer	800
2550	McCormick	Terry	900
2551	Birghini	Francesconi	400
2552	Vukich	Berkhaley	750
2553	Lehrer	Grieh	1000
2554	Moss	Bay City	9800
2555	Lawton	Adams	1750
2556	Paton	Hantzskoe	4000
2557	Patti	Verini	4500
2558	Mazzi	Chlano	3500
2559	Cooney	Fennell	1000
2560	Jovee	Anderson	1475
2561	Sandhanna	Heck	2000
2562	Parkewitz	Tressmer	1000
2563	Tobenstein	Robinson	2000
2564	Myers	Pac Car Ent	11375

(Correction in Payments)

(2457) E TWENTY-SECOND AVE 100
N Geary N 25xE 100. All work except

Materials and hardware for two-story frame residence.

Owner.....Chas. E. Johnson.

Architect.....None.

Contractor.....Chas. E. Johnson.

Filed July 17, '14. Dated July 14, '14.

Enclosed\$625

Brown coated 625

Completed and accepted..... 625

Usual 35 days..... 625

TOTAL COST, \$2500

Bond, none. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

(2471) PIER 15 WATERFRONT.

Moving & replacing bunkers, power

house, etc., on wharf and bulkhead.

Owner.....H. L. Hatch, 4439 Geary,

San Francisco.

Architect.....None.

Contractor.....San Francisco Bridge Co.,

Nevada Bank Bldg., S. F.

Filed July 20, '14. Dated July —, '14.

Bunkers and buildings moved into

their temporary location..... 50%

When bunkers and buildings are

returned to their permanent loca-

tions and the contract is com-

pleted 25%

30 days after..... 25%

TOTAL COST, \$2500

Bond, none. Limit, expeditiously as

possible. Forfeit, none. Plans and

specifications, none.

(2472) NW MINNA 85 NE 8th NE 40

xNW 80. Brick work for building

known as Station "I".

Owner.....Pacific Gas & Electric Co.,

445 Sutter, San Francisco.

Architect.....None.

Contractor.....Jas. S. Fennell, 330 Fred-

erick, San Francisco.

Filed July 20, '14. Dated —,

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$897

Bond, \$450. Surety, The Aetna Acci-

dent & Liability Co. Limit, forfeit,

none. Plans and specifications filed.

(2473) N JACKSON 137-6 E Maple E

67-6 N 170 W 67-6 m or 1 S 162. All

work for alterations to residence.

Owner.....Alfred Sutro, 3660 Jack-

son, San Francisco.

Architect.....Bliss & Paville, Balboa

Bldg., San Francisco.

Contractor.....J. Harold Johnson, 740 9th

Ave., San Francisco.

Filed July 20, '14. Dated July 18, '14.

On completion, 75%.....\$1413.75

30 days after.....Balance

TOTAL COST, \$1885.00

Bond, \$942.50. Surety, The Aetna Acci-

dent & Liability Co. Limit, Aug. 20.

Forfeit, none. Plans and specifications

filed.

(2474) S ELLIS 137-6 W Jones W

82-6x137-6. Wall beds, etc., for six-

story and basement apartments.

Owner.....Traders Realty Co., 905 1st

National Bank Bldg., S. F.

Architect.....J. R. Miller, Lick Bldg.,

San Francisco.

Contractor.....Marshall & Stearns, Phe-

lan Bldg., San Francisco.

Filed July 20, '14. Dated July 18, '14.

Monthly payments of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1400

Bond, \$2200. Surety, The Aetna Acci-

dent & Liability Co. Limit, none. For-

feit, \$60. Plans and specifications filed.

(2475) PLUMBING & GAS FITTING

on above.

Contractor.....S. W. Band, 318 Ellis, S. F.

Filed July 20, '14. Dated July 17, '14.

Payments same as above.....

TOTAL COST, \$16,249

Bond, \$8124. Surety, U. S. Fidelity &

Guaranty Co. Limit, none. Forfeit,

\$60. Plans and specifications filed.

(2476) W FIFTH AVE 200 S "I" W

120 S 25 E 120 N 25. All work for

two-story frame flats.

Owner.....T. J. J. Sommer, 133 2nd,

San Francisco.

Architect.....W. L. Schmolle, 166 Geary,

San Francisco.

Contractor.....Ed Zinkand & Son, 434

10th Ave., San Francisco.

Filed July 20, '14. Dated July 20, '14.

Enclosed\$1204

Brown coated, rough plumbing

in, roof completed 1204

Completed and accepted..... 1204

Usual 35 days..... 1204

TOTAL COST, \$4816

Bond, none. Limit 84 days. Forfeit,

none. Plans and specifications filed.

(2477) SW LARKIN AND GEARY W

76xS 120. Lath and plaster for six-

story and basement steel frame hotel

building.

Owner.....P. J. Gartland, 467 Guer-

rero, San Francisco.

Architect.....Rousseau & Rousseau,

Monadnock Bldg., S. F.

Contractor.....Paul I. Karib.

Filed July 20, '14. Dated July 15, '14.

Scratch coat on.....\$ 800

Brown coated 1800

75% of white coat on..... 800

Completed and accepted..... 2000

Usual 35 days..... 1800

TOTAL COST, \$7200

Bond, \$3600. Surety, Maryland Casu-

alty Co. Limit, 30 days. Forfeit, \$50.

Bonus, \$50. Plans and specifications

filed.

(2478) W SCOTIA 275 S Silver Ave.

one-story and basement frame dwlg.

Owner.....Max Fessler, 22 Scotia,

San Francisco.

Architect.....None.

Day's work..... COST, \$400

(2479) N TWENTY-NINTH 30 W

Castro. One and one-half-story and

basement frame dwelling.

Owner.....A. F. Jansson, 3827 Army,

San Francisco.

Architect.....None.

Day's work..... COST, \$1450

(2480) NO. 1653 VALENCIA. Erect

stone wall.

Owner.....L. Muzio, 127 Fair Oak,

San Francisco.

Architect.....None.

Contractor.....Carraro & Co., 750 Felton,

San Francisco.

COST, \$400

(2481) W BOCANA 309 N Eugenia.

One-story and basement frame dwlg.

Owner.....John Bjorkman, 2793 Mis-

son, San Francisco.

Architect.....None.

Day's work..... COST, \$1400

(2482) NO. 935 MARKET. Erect single

faced electric sign.

Owner.....United Advertising Sign &

Novelty Co.

Architect.....None.

Contractor.....Federal Sign System Elec-

tric, 257 8th, S. F.

COST, \$2000

(2483) W THIRTIETH AVE 100 S

Clement. Two-story and basement

frame dwelling.

Owner.....Fred Quirle, 13 Garden

Ave., San Francisco.

Architect.....None.

Day's work..... COST, \$2000

(2484) NW NINETEENTH AND HAR-

ison. Erect frame and corrugated

iron storage house.

Owner.....Meese & Gottfried Co.,

Premises.

Architect.....None.

Day's work..... COST, \$4000

(2485) S MISSION 75 E Julia E 25xS

160. All work for two-story and

basement and mezzanine brick bldg.

Owner.....E. McLaughlin Estate Co.

Architect.....W. H. Crim Jr., 425 Kear-

ny, San Francisco.

Contractor.....Mathies & Griffith, 185

Stevenson, San Francisco.

Filed July 21, '14. Dated July 20, '14.

Brick walls up to under of 2nd

floor and hotel way ready for

elevator\$3029

Plaster completed and metal

ceilings on 3029

Completed and accepted..... 3029

Usual 35 days..... 3030

TOTAL COST, \$12,117

Bond, \$6250. Surety, The Aetna Acci-

dent & Liability Co. Limit, 50 days.

Forfeit, \$10. Plans and specifications

filed.

(2486) N POST 50 W Larkin W 50xN

120. All work except plastering,

plumbing, painting, tinting, paper-

ing, elevator, steam heat and oil

burning plant for five-story and

basement Class "C" apartments.

Owner.....J. H. Keefe, 820 O'Farrell,

San Francisco.

Architect.....Rousseau & Rousseau,

Inc., Monadnock Bldg., S. F.

Contractor.....Joel Johnson, 110 Jessie,

San Francisco.

Filed July 21, '14. Dated July 20, '14.

Walls and piers are in.....\$3700

2nd story joists on and brick

work up to that point..... 4750

All brick work finished..... 4750

Ready for lathing..... 4750

Standing trim on..... 5750

Completed and accepted..... 3750

Usual 35 days..... 9500

TOTAL COST, \$38,350

Bond, \$19,175. Surety, Pacific Coast

Casualty Co. Limit, 120 days after

July 21. Forfeit, \$25. Plans and speci-

fications filed.

(2487) N NINETEENTH 170 E Dolores

E 25xN 100. All work except paint-

ing, plumbing, plaster, excavation,

concrete, mantels, grates, light fix-

tures, window shades and finish

hardware for three-story frame flats.

Owner.....Mary Parker, 2255 15th,

San Francisco.

Architect.....Rhodes & Marisch, 3372

16th, San Francisco.

Contractor.....C. L. Bell and A. L. Ross-

low, 550 Noe, S. F.

Filed July 21, '14. Dated July 20, '14.

Rafters on\$600

Rustle and roof on ready for

plaster 600

Standing finish on..... 570

Completed and accepted..... 885

Usual 35 days..... 885

TOTAL COST, \$3540

Bond, \$1770. Sureties, Mrs. George

Eichler and L. A. Snell. Limit, 60 days.

Forfeit, none. Plans and specifications

filed.

(2488) SE SANSOME AND UNION. Structural iron and other iron work for five-story and basement Class "C" warehouse.

Owner.....National Ice & Cold Storage Co., Postal Telegraph Bldg., San Francisco.

Architect...Chas. Wallace, Postal Telegraph Bldg., S. F.

Contractor...Vulcan Iron Works, Francisco and Kearny, S. F.

Filed July 22, '14. Dated July 3, '14.

On 1st and 15th of each month 75%
Usual 35 days..... 25%

TOTAL COST \$9543

Bond, none. Limit, as required. Forfeited, \$10. Plans and specifications filed.

(2489) CONCRETE FOUNDATIONS. framing, carpenter, stair and roofing on above.

Contractor...A. Carlson.

Filed July 21, '14. Dated July 16, '14.

Foundations completed\$3150.94
3rd floor joists in place..... 3150.94

5th floor joists in place..... 3150.94
Completed and accepted..... 3150.93

Usual 35 days..... 4201.25
TOTAL COST, \$16,805.00

Bond, \$5402.50. Surety, Pacific Coast Casualty Co. Limit, as fast as required. Forfeited, \$20. Plans and specifications filed.

(2490) BRICK WORK, CEMENTING of fire walls and sills and cleaning of walls on above.

Contractor...Brandon & Lawson, Hearst Bldg., San Francisco.

Filed July 21, '14. Dated July 16, '14.

Walls ready for 1st floor joists \$295.10
Walls ready for 2nd floor joists 3295.13

Walls ready for 3d floor joists 3295.13
Walls ready for 4th floor joists 3295.13

Walls ready for 5th floor joists 3295.13
Completed and accepted..... 3295.13

Usual 35 days..... 6590.25
TOTAL COST, \$26,361.00

Bond, \$13,150.50. Surety, Pacific Coast Casualty Co. Limit, as fast as required. Forfeited, \$25. Plans and specifications filed.

(2491) EXPOSITION SITE. Erection of The Australian Pavilion.

Owner.....Government of the Commonwealth of Australia, Lachman Bldg., S. F.

Architect...George J. Oakeshott, Lachman Bldg., S. F.

Contractor...Pringle, Dunn & Co., 338 Pine, San Francisco.

Filed July 22, '14. Dated July 20, '14.

As work progresses..... 90%
Usual 35 days..... 10%

TOTAL COST, \$52,572

Bond, \$27,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 150 days. Forfeited, none. Plans and specifications filed.

(2492) SE GREEN AND FILLMORE S 56-6X E 70-5. Mill work for three-story frame apartment building.

Owner.....Bertha Oberfeld, 127 2nd Ave., San Francisco.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...California Mill Co., 643 Bryant, San Francisco.

Filed July 22, '14. Dated July 14, '14.

On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3000

Bond, \$1500. Sureties, Frank H. Harris and C. H. White. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2493) ELECTRICAL WORK ON above.

Contractor...Coilonan Elec. & Mfg. Co., 3239 Mission, San Francisco

Filed July 22, '14. Dated July 14, '14.

Payments same as above.....

TOTAL COST, \$930

Bond, \$465. Surety, Aetna Accident & Liability Co. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2494) HEATING ON ABOVE.

Contractor...Pick Draper Co.

Filed July 22, '14. Dated July 14, '14.

Payments same as above.....

TOTAL COST, \$1300

Bond, \$650. Sureties, J. Bachman and Wm. P. Goss. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2495) LATHING AND PLASTERING on above.

Contractor...Al Leaf, 180 Jessie, S. F.

Filed July 22, '14. Dated July 14, '14.

TOTAL COST, \$1700

Bond, \$850. Sureties, Mrs. A. Leaf and Fred L. Hansen. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2496) PLUMBING ON ABOVE

Contractor...Henry M. Kelly, 2553 Bryant, San Francisco.

Filed July 22, '14. Dated July 14, '14.

Payments same as above.....

TOTAL COST, \$1650

Bond, \$825. Surety, Ellen L. Kelly. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2497) PAINTING ON ABOVE.

Contractor...Cramer Bros., 110 Jessie, San Francisco.

Filed July 22, '14. Dated July 14, '14.

Payments same as above.....

TOTAL COST, \$1620

Bond, \$810. Surety, Southwestern Surety Insurance Co. Limit, 100 days. Forfeited, none. Plans and specifications filed.

(2498) MARKET NEAR SECOND.

Lath and plaster, fire proofing and cementing for building.

Owner.....Charles Schlessinger, Mills Bldg., San Francisco.

Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.

Contractor...Ira W. Coburn, Inc., Hearst Bldg., S. F.

Sub-Contractor...Joe Greenback and J. A. Orford.

Filed July 22, '14. Dated June 30, '14.

Brown coated\$1600

White coated 1117

Completed and accepted..... 1000

30 days after..... 1265

TOTAL COST, \$4980

Bond, \$2490. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeited, \$25. Plans and specifications, none.

(2499) W MISSION 150 N 30th. New front, line walls with sheet metal and rat proof basement of store.

Owner.....A. Eby, 5 1/2 Godeus, S. F.

Architect...None.

Day's work. COST, \$700

(2500) N BROADWAY 193 E Kearny. Install take oven.

Owner.....A. Delmonte, 450 Broadway, San Francisco.

Architect...None.

Contractor...Gaetario Ingrassia, 116 Alta, San Francisco.

COST, \$1000

(2501) NE BRANNAN AND SIXTH. Raise and underpin saloon and flat.

Owner.....Mr. Connell, Premises.

Architect...None.

Contractor...D. J. & T. Sullivan, 1942 Folsom, San Francisco.

COST, \$1500

(2502) NO. 2240 PACIFIC AVE. Add bath room.

Owner.....S. M. Ehrman, Premises.

Architect...None.

Day's work. COST, \$1500

(2503) NOS. 53-61 THIRD. Alter saloon and office.

Owner.....R. R. Thompson Estate, 436 Merchants' Exchange Bldg., San Francisco

Architect...None.

Contractor...W. M. Faulkner, 1352 Ellis San Francisco.

COST, \$400

(2504) N GEARY 107-6 E 36th Ave. Two-story and basement frame dwlg

Owner.....J. J. Pratt, 6736 Geary, San Francisco.

Architect...None.

Contractor...Roy A. Pratt & Co., 6632 Geary, San Francisco.

COST, \$3000

(2505) NO. 1405 MONTGOMERY. Excavate, install toilet and concrete yard.

Owner.....J. B. Mini, 1501 Montgomery, San Francisco.

Architect...None.

Day's work. COST, \$400

(2506) SW ECKER AND JESSIE. Construct 5 skylights.

Owner.....Compressed Air Machinery Co.

Architect...None.

Day's work. COST, \$400

(2507) W CAROLINA 275 S 22nd. One story and basement frame dwelling.

Owner.....L. Bashato, 962 Carolina, San Francisco.

Architect...V. Masarie, 1121 Wisconsin, San Francisco.

Day's work. COST, \$600

(2508) E FRANKLIN 37-8 1/2 S Clay. Three-story and basement frame (6) apartments.

Owner.....Theo. E. Rulfs, 1179 Pine, San Francisco.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Day's work. COST, \$12,500

(2509) NO. 1145 HARRISON. Add corrugated iron roof.

Owner.....Metropolitan Laundry Co., Premises.

Architect...None.

Day's work. COST, \$750

(2510) S LOMBARD 53-6 W Baker. One-story frame store.

Owner.....Mr. Ackenhell, 2729 Lombard, San Francisco.

Architect...None.

Contractor...M. Cox, 2729 Lombard, San Francisco.

COST, \$700

(2511) E DOUGLASS 175 N 30th One story and basement frame dwelling.

Owner.....Robert Johnsen, 373 Douglass, San Francisco.

Architect...None.

Day's work. COST, \$500

(2512) NO 3925 TWENTIETH. One-story and basement frame dwelling.





NEW CLIFF ESTATE HOTEL NOW UNDER CONSTRUCTION
San Francisco

G. A. Applegarth, Architect
San Francisco



A. B. SPRECKELS RESIDENCE
San Francisco

G. A. Applegarth, Architect
San Francisco

Owner.....Wm. Greichen, 3945 20th,
San Francisco.
Architect...None.
Day's work. COST, \$1500

2513) E FIFTH AVE 200 S Irving.
Two-story and basement frame (2)
flats.

Owner.....A. Harrington, 10 Judah,
San Francisco.
Architect...None.
Day's work. COST, \$5000

2514) EXPOSITION SITE. Electric
machinery, equipment, fixtures, ap-
paratus, etc., for structure known as
"The Aeroscope."

Owner.....Pacific Aeroscope Co., 112
Market, San Francisco.
Engineer...J. B. Strauss.
Contractor, Butte Eng. & Elec. Co., 683
Howard, San Francisco.

Filed July 23, '14. Dated June 27, '14.
Equipment to value of $\frac{1}{2}$ of en-
tire contract price furnished....\$1395
Equipment to value $\frac{2}{3}$ of contract
furnished 1395
Completed and accepted..... 1395
Usual 35 days..... 1395
TOTAL COST, \$5580

Bond, \$2790. Surety, National Surety
Co. Limit, 45 days after ready for
same. Forfeit, \$25. Plans and specifi-
cations filed.

2515) HAULING FROM RAILROAD
cars to site all structural steel and
machinery and putting in place and
erecting same and painting machin-
ery and concrete counter balance on
above.

Contractor, George H. Griffin.
Filed July 23, '14. Dated May 16, '14.
As work progresses..... 75%
Usual 35 days..... 25%
COST: \$18.75 per ton for hauling,
erecting and painting structural steel
\$27.00 per ton for hauling, erecting
and painting machinery; \$12.61 per
cubic yard for concrete
Bond, \$4000. Surety, Fidelity & Deposit
Co. of Maryland. Limit, 60 days. For-
feit, none. Plans and specifications
filed.

2516) N HEARST AVE 125 W Genes-
see W 25XN 112-6. All work for one
and one-half-story frame building.
Owner.....H. and Sophie Wendt, 1523
Church, San Francisco.

Architect...O. E. Evans.
Contractor, O. E. Evans, 2367 Mission,
San Francisco.

Filed July 23, '14. Dated July 15, '14.
Frame up\$750
Brown coated 750
Completed and accepted..... 750
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

2517) SE GEARY AND TAYLOR S
137-6X E 87-6. Carpenter and mill
work for 12-story and basement Class
"A" hotel building.

Owner.....Cliff Realty Co., 1st Nat'l
Bank Bldg, S. F.

Architect...G. A. Applegarth, Call
Bldg, San Francisco.
Contractor, Valentine Franz, 185 Ste-
venson, San Francisco.

Filed July 23, '14. Dated July 21, '14.
Payments semi-monthly of.... 75%
30 days after..... 25%

TOTAL COST, \$43,329
Bond, \$21,665. Surety, National Surety
Co. Limit, Feb. 1, 1915. Forfeit, \$50.
Plans and specifications filed.

(2518) GLAZING ON ABOVE.

Contractor, W. P. Fuller & Co., Beale
and Mission, S. F.

Filed July 23, '14. Dated July 21, '14.
As work progresses..... 75%
30 days after..... 25%

TOTAL COST, \$8664
Bond, \$4332. Surety, Aetna Accident &
Liability Co. Limit, Nov. 1, 1914. For-
feit, \$50. Plans and specifications filed.

(2519) NW CAYUGA 275 E Onondago.
One-story and basement four-room
dwelling.

Owner.....C. S. Allred, 150 Onondago
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1800

(2520) NW CAYUGA 325 E Onondago.
One-story and basement four-room
dwelling.

Owner.....C. S. Allred, 150 Onondago
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1800

(2521) NW CAYUGA 125 E Onondago.
One-story and basement four-room
dwelling.

Owner.....C. S. Allred, 150 Onondago
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1800

(2522) NW CAYUGA 175 E Onondago.
One-story and basement four-room
dwelling.

Owner.....C. S. Allred, 150 Onondago
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1800

(2523) NW CAYUGA 225 E Onondago.
One-story and basement four-room
dwelling.

Owner.....C. S. Allred, 150 Onondago
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1800

(2524) W CASTRO 65 N 23rd. One-
story frame garage.

Owner.....Alfred H. Shaefe, 1116
Castro, San Francisco.

Architect...None.
Contractor, Fred Miller, 225 Dolores,
San Francisco.

COST, \$400

(2525) NO. 572 BOSWORTH. Concrete
foundation & floor, painting, plum-
bing, carpenter work and install win-
dows in dwelling.

Owner.....J. Leider, —Diamond, S. F.

Architect...None.
Contractor, A. Camilli, 1 Sunnyside
Ave., San Francisco.

COST, \$750

(2526) THIRTIETH AND GLEN AVE.
One-story frame barn.

Owner.....John L. Good, Alms House
Road, San Francisco.

Architect...None.
Day's work. COST, \$1925

(2527) S CLAY 192-6 W Polk. In-
derpin wall.

Owner.....St. Luke's Church, Clay &
Polk, San Francisco.

Architect...None.
Contractor, J. B. A. Trobeck, 1441 Larkin,
San Francisco.

COST, \$500

(2528) S PARIS 100 W Persia. Con-
crete foundation, ratproof and minor
alterations.

Owner...W. M. French, 605 Lisbon,
San Francisco.

Architect...None.
Day's work. COST, \$300

(2529) NO. 2160 GREEN. Repair barn
for garage.

Owner.....T. S. Sherman, Premises.

Architect...None.
Contractor, Ferguson & Son, 1737
Union, San Francisco.

COST, \$700

(2530) NW CLAY AND DRUMM. Re-
move brick and install sash and door

Owner.....Mrs. Costa.
Architect...W. B. Shea, 244 Kearny,
San Francisco.

Contractor, Bokart & Crawford, 215
Mills Bldg., S. F.

COST, \$1000

(2531) SE McALLISTER & FILLMORE.
Alter and change saloon and shop.

Owner.....John H. Sheehan, Hum-
boldt Bank Bldg., S. F.

Architect...None.
Contractor, Higginson & Co., Hum-
boldt Bank Bldg., S. F.

COST, \$1000

(2532) SW GEARY AND POWELL.
Erect hollow tile partition.

Owner.....Dr. Vanderberg, Elkins
Gunst Bldg., S. F.

Architect...None.
Contractor, Pierson & Leé, 434 Grove,
San Francisco.

COST, \$625

(2533) W DEVISADERO 110 S Green.
Two-story and basement frame dwlg

Owner.....M. A. Little, 1347 4th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$8000

(2534) W DEVISADERO 25 S Green.
Two-story and basement frame dwlg

Owner.....M. A. Little, 1347 4th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$8000

(2535) W DEVISADERO 82 S Green.
Two-story and basement frame dwlg

Owner.....M. A. Little, 1347 4th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$8000

(2536) W DEVISADERO 55 S Green.
Two-story and basement frame dwlg

Owner.....M. A. Little, 1347 4th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$8000

(2537) EXPOSITION SITE near Fill-
more Street Entrance. Erection of

building known as "Souvenir Watch
Palace."

Owner.....Souvenir Watch Co., Com-
mercial Bldg., S. F.

Architect...H. R. Hopps and S. A.
Dodge, 1024 Mission, S. F.

Contractor, Herbert L. Mains, Premises

Filed July 24, '14. Dated June 1, '14.
On 4th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$5500

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2538) N VALLEJO 113-9 W Stockton
25X76. All work except plumbing,
electric work, painting, finish hard-

ware, light fixtures and shades for three-story frame flats and store.
Owner.....G. D. Verga, 360 Columbus Ave., San Francisco.
Architect...Zanolini & Jewett, 604 Montgomery, S. F.
Contractor...V. Filippis, 866 Union, San Francisco.
Filed July 24, '14. Dated July 21, '14.
75% of value of work executed as follows:

Excavating done, footings in place, frame completed and roof on.....
Enclosed and finishing plaster on interior finish completed and accepted.....
Usual 35 days.....25%
TOTAL COST, \$4620
Bond, \$2310. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(2539) PLUMBING ON ABOVE
Contractor..Curran & Bufotli, 635 Vallejo, San Francisco.
Filed July 24, '14. Dated July 21, '14.
Rough plumbing completed.....\$210
All plumbing completed.....210
Usual 35 days.....140
TOTAL COST, \$560
Bond, limit, none. Forfeit, \$5. Plans and specifications filed.

(2540) NO. 159 SAN CARLOS AVE.
Carpenter, stair, mill and concrete work, plumbing, sheet metal, glass, glazing, lathing and plastering, painting, rough and finish hardware for two-story and basement frame flats.
Owner.....Naughton Estate (Mary L. Naughton, Trustee), 1100 Jackson, San Francisco
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Higginson Co., Inc., 804 Humboldt Bank Bldg., S. F.
Filed July 24, '14. Dated July 20, '14.
Building lathed.....\$200
Plastering and exterior work completed.....290
Completed and accepted.....290
Usual 35 days.....380
TOTAL COST, \$1160
Bond, none. Limit, Aug. 25. Forfeit, \$5. Plans and specifications filed.
NOTE:—See first report No. 2192, June 27, 1914.

(2541) NW SUTTER AND PIERCE W 75xN 120. Plumbing, drainage, gas fitting and piping, including all fixtures for two-story frame and plaster building.
Owner.....S. A. White, 1214 Eddy, San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor..Ahlbach & Mayer, 85 Dorland, San Francisco.
Filed July 24, '14 Dated June 18, '14.
Roughed in and accepted.....\$375
Completed and accepted.....375
Usual 35 days.....250
TOTAL COST, \$1000
Bond, \$500. Surety, Globe Indemnity Co. Limit, 30 days after notification. Forfeit, none. Plans and specifications filed.

(2542) PAINTING, STAINING AND varnishing on above.
Contractor..Henry Kunst.
Filed July 24, '14. Dated June 15, '14.
Primed outside and 2 coats on inside.....\$371
Completed and accepted.....371
Usual 35 days.....235
TOTAL COST, \$990
Bond, \$495. Surety, Globe Indemnity

Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2543) N SUTTER 100 W Powell. Iron ballustrades and newell posts for stairs and openings from 1st floor to roof, elevator car, etc., for eight-story reinforced concrete hotel bldg.
Owner.....M. D. Grosh, E. D. Larzelere and L. M. Sage, Mills Bldg., San Francisco.
Architect...N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor..Brode Iron Works, 37 Hawthorne, San Francisco.
Filed July 24, '14. Dated June 5, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$635
Bond, \$360. Surety, Massachusetts Bonding & Insurance Co. Limit, as fast as required. Forfeit, \$5. Plans and specifications filed.

(2544) TILING FOR BATH ROOMS & lobby on above.
Contractor..Scott Co., 243 Minna, S. F.
Filed July 24, '14. Dated July 13, '14.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1293
Bond, \$650. Surety, Pacific Coast Casualty Co. Limit, Aug. 1, '14. Forfeit, \$10. Plans and specifications filed.

(2545) GLAZING ON ABOVE.
Contractor..W. P. Fuller & Co., 301 Mission, San Francisco.
Filed July 24, '14. Dated June 15, '14.
Payments same as above.....
TOTAL COST, \$1122
Bond, \$561. Sureties, H. V. Scott and E. E. Simmons. Limit, as fast as possible. Forfeit, \$10. Plans and specifications filed.

(2546) PAINTING (but not including exterior) except front and returns which are included on above.
Contractor..Peter Swanson, 1224 20th Ave., San Francisco.
Filed July 24, '14 Dated July 10, '14.
Payments same as above.....
TOTAL COST, \$4400
Bond, \$2200. Surety, Pacific Coast Casualty Co. Limit, Aug. 25. Forfeit, \$20. Plans and specifications filed.

(2547) MILL WORK ON ABOVE.
Contractor..National Mill & Lumber Co., 5th and Bryant, S. F.
Filed July 24, '14. Dated May 26, '14.
Payments same as above.....
TOTAL COST, \$5872
Bond, \$3000. Surety, Royal Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(2548) LOT 13 BLK 5 DE BOOM TCT. All work for one and one-half-story frame residence.
Owner.....Andrew Olsen.
Architect...None.
Contractor..C. W. Hansen, 110 Jessie, San Francisco.
Filed July 24, '14. Dated July 18, '14.
Frame and rafters up.....\$512.50
Enclosed and brown coated...512.50
Completed.....512.50
Usual 35 days.....512.50
TOTAL COST, \$2050.00
Bond, \$1075. Sureties, Andrew Rasmussen and F. J. W. Anderson. Limit, 70 days Forfeit, none Plans and specifications, none.

(2549) NO. 4416 TWENTY-THIRD. Alter and repair dwelling.

Owner.....Harry Mentzer, Premises.
Architect...None.
Day's work.....COST, \$800

(2550) NO. 2419 VALLEJO Minor alterations to dwelling.
Owner.....Chas. R. McCormick, 2419 Vallejo, San Francisco.
Architect...None.
Contractor..Wm. L. Terry, 1456 Millard San Francisco.
COST, \$900

(2551) S FILBERT 150 W Laguna. Construct garage.
Owner.....Alturo Burghini, 1917 Filbert, San Francisco.
Architect...C. W. Mero, 126 Otis, S. F.
Contractor..D. Francesconi, 154 Rixley, San Francisco.
COST, \$400

(2552) NO. 560 SUTTER. New partitions and plaster walls.
Owner.....Vickery Bldg. Corp., 550 San Francisco.
Architect...None.
Contractor..E. Birkholey, 1310 Franklin, San Francisco.
COST, \$750

(2553) W ERIE 246 S Howard. One-story frame stable.
Owner.....Franz X. Lehner, 67 Erie, San Francisco.
Architect...None.
Contractor..Henry T. Grieb, 1020 Greenwich, San Francisco.
COST, \$1000

(2554) NO. 935 SANCHEZ. Raise, alter and add to dwelling.
Owner.....J. F. Moss, Premises.
Architect...Rhodes & Marisch, 3372 16th, San Francisco.
Contractor..Bay City Bldg. Co., 443 Monadnock Bldg., S. F.
COST, \$2300

(2555) E THIRTEENTH 80 N Harrison. One-story frame bottling wks.
Owner.....W. Y. Lawton, 1184 Alabama, San Francisco.
Architect...Chas. R. Rudolph, 1703 Harrison, San Francisco.
Contractor..Chas. G. Adams, 1443 Harrison, San Francisco.
COST, \$1750

(2556) N CLEMENT 55 E 22nd Ave. Two-story frame dwelling.
Owner.....Robert Paton, 2123 Clement, San Francisco.
Architect...None.
Contractor..Hantzake & McKay, 528 31st Ave., San Francisco.
COST, \$4000

(2557) E CHURCH 51-6 N 29th. Three story frame store and (2) flats and repair cottage in rear.
Owner.....Raffaele and Julia Boiti, 1681 Church, S. F.
Architect...None.
Contractor..Frank De Martini, 274 29th San Francisco.
COST, \$4500

(2558) E JULIUS PLACE 110 N Lombard. Twostory and basement frame (2) flats.
Owner.....Eugenie Mazzini, 435 Filbert, San Francisco.
Architect...L. Traverso, 854 Union, San Francisco.
Contractor..G. Chlappe, 10 Vincent Place, San Francisco.
COST, \$3500

(2539) NO. 433 POWELL Underpin south wall of store and loft bldg. Owner.....J. T. Cooney et als, Prem. Architect.....W. D. Shea, 46 Kearny, San Francisco.
Contractor.....Fennell & Wand, Foxcroft Bldg., San Francisco.

COST, \$1000

(2560) E KANSAS 50 S 22nd. One-story and basement frame dwelling. Owner.....Thos. Joyce, 226 Duncan, San Francisco.

Architect...None.

Contractor.....Chas. G. Anderson, 226 Duncan, San Francisco.

COST, \$1475

(2561) NW SOUTH PARK & CENTER Place. Raise, alter and add to frame hotel and store building.

Owner.....N. Sadanaga, Premises.

Architect...Coates & Traver, 703 Head Bldg., San Francisco.

Contractor.....Heckenroth & Schell, 110 Jessie, San Francisco.

COST, \$3000

(2562) W BERLIN 150 S Bacon. One-story and basement frame dwlg.

Owner.....M. B. Backerlin, Cor. Bacon and Berlin, S. F.

Architect...None.

Contractor.....H. A. Tessmer, 1121 Key Ave., San Francisco.

COST, \$1700

(2563) SW POWELL AND ELLIS. Repair fire damage.

Owner.....B. Lichtenstein.

Architect...None.

Contractor.....Robinson & Gillespie, 1051 Sutter, San Francisco.

COST, \$2200

(2564) EXPOSITION SITE. Cars, tracks, fittings, gear racks, power units, rails, spreaders, keepers, spikes and bolts for traveling sidewalk.

Owner.....The L. E. Myers Co., Chicago, Illinois.

Architect...None.

Contractor.....Pacific Car Equipment Co., 625 Market, San Francisco.

Bid July 25, '14. Dated July 16, '14.

On execution of contract.....\$1300

Cars in lots of 35 or more, \$50 each, within 5 days from delivery

and installation.....25%

Usual 35 days, Balance.....

TOTAL COST, \$11,375

Bond, none. Limit, 90 days from July 4, 1914. Forfeit, none. Plans and specifications filed.

INCORPORATIONS.

Jahnke Welding & Mfg Co. Capital stock, \$75,000; subscribed, \$300; shares, 10 each. Directors—Albert Jahnke, Simon Levitt and Barney Woolfe, 10 shares each. Place of business, S. F. Producers Oil & Gas Co. Capital stock, \$100,000; subscribed, \$50; shares 10 each. Directors—E. J. Torreggano, A. Duryea, E. E. Robinson, H. Abrams and L. J. Valentine. Place of business, San Francisco.

COMPLETION NOTICES.

San Francisco.

July 17, 1914—S GEARY 53-9 W 21st Ave W 27-1xS 100. Gustave Moeller to Leigh & Schultz. July 14, 1914
July 17, 1914—S LINCOLN Way 30 W 25th Ave W 60xS 75. Theodore Gibson to whom it may concern...

July 16, 1914
July 17, 1914—S ALVARADO 225 W Castro W 50xS 114. F Monson to whom it may concern. July 17, 1914
July 17, 1914—S MOISE & NEWTON SW 30xSE 75, Ptn Lots 1, 2, 3 Bk 6 Syndicates 1st Addn. John Bjorkman to whom it may concern. July 15, 1914
July 17, 1914—E NINETEENTH AVE 25 N Anza N 25xSE 82-6. Michael and Nellie Costello and Bryan Feerick to whom it may concern. July 16, 1914
July 17, 1914—E SEVENTEENTH Ave — S Anza S 25xSE 120. Leo Gilg to Leigh & Schultz. July 16, '14
July 17, 1914—N GEARY 137-6 E Larkin E 47-6x137-6. A F Schleicher to H J Hughes, Petersen-James Co, M A Flanila, A Seaholm, P Hurley, Kearns & Finnegan, Pacific Plastering Co, Vehyle & Collins. July 16, 1914
July 17, 1914—N SACRAMENTO 87-6 W Maple W 187-6 S 132-7 1/2 W 137-6 S 132-7 1/2 E412-6 N 165-2 1/2 W 87-6 N 100. Board of Trustees of Hospital for Children and Training School for Nurses to Theodore Wetzel Jr. July 16, 1914
July 15, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Sibley Grading & Teaming Co. July 16, 1914
July 20, 1914—E ARGUELLO BLVD (1st Ave) 332-7 N Geary N 108xSE 120. Fourth Church of Christ Scientist to S F to F L Hansen. July 19, 1914
July 20, 1914—W LISBON 100 S Excelsior Ave. Ward C Brown to whom it may concern. July 20, 1914
July 20, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Stewart Est Co to A Haus. July 16, 1914
July 20, 1914—E TWENTY-SIXTH Ave 125 S Lincoln Way S 25xSE 100. Wm J Quinn to D Houle. July 17, 1914
July 20, 1914—W TWENTY-SECOND Ave 250 S Lake S 25xW 120. Chas J Worth to James Welsh. July 19, 1914
July 20, 1914—EXPOSITION SITE (The Zone). Pacific Aerospace Co to Charles Wright. July 9, 1914
July 20, 1914—SW CALIFORNIA & Sansome. Fireman's Fund Insurance Co to MacArthur Concrete Pile & Foundation Co. July 18, 1914
July 20, 1914—E THIRTEENTH AVE 50 N "K" N 50xSE 120. John Bjorkman and Oscar Swanson to whom it may concern. June 9, 1914
July 21, 1914—E CASTRO 51-6 N 22nd N 25 S 25 E 105 S 25 W 105. Emma Sterlen to Price & Hutcherson. July 17, 1914
July 21, 1914—E SIXTEENTH AVE 200 S Anza S 25x127-6. Fred R or Fred K Perry to whom it may concern. July 21, 1914
July 21, 1914—E TWENTY-FIRST Ave 200 N Anza N 25xSE 120. W J McPhail to George F Cleese. July 17, 1914
July 21, 1914—E TWENTY-THIRD Ave 175 S Clement S 25xSE 120. Georgie Clark Eichler to Bell & Rosslow. July 9, 1914
July 21, 1914—N UNION 24-S E Fillmore E 37-10 N 87-6 W 62-6 S 30 E 24-S S 37-10. Charles Freiermuth to whom it may concern. July 21, '14
July 21, 1914—E TENTH AVE 50 S Lawton (L) S 25xSE 71. Andrew V Anderson to Andrew V Anderson. July 18, 1914
July 21, 1914—E THIRTEENTH AVE

22-S Irving (L) S 25xSE 120. Jane M McCarthy to whom it may concern. July 22, 1914
July 22, 1914—W OCTAVIA 82-6 N Lombard 30x106. G Del Sarto to whom it may concern. July 15, 1914
July 22, 1914—N SACRAMENTO 50 E Taylor E 25xN 60. Lily Burke to J Eric Johanson. July 14, 1914
July 22, 1914—SW BAKER & BAY E 961.52 S 618.75 W 961.52 N 618.75 to beg. (plumbing Horticulture Bldg.) Panama-Pacific Exposition Co to Wittman, Lyman & Co. July 16, 1914
July 22, 1914—E MISSION 85 N 23rd E 122-6xN 45. Sam and M E Spiro to R W Moller. July 15, 1914
July 22, 1914—NE FOLSOM AND Eighth E —. Egan Bros to R W Moller. June 25, 1914
July 22, 1914—S TONQUIN 90 W Steiner S 687.5 W 338.12 N 687.5 E 338.12 to beg. (plumbing in Transportation Bldg.) Panama-Pacific International Exposition Co to John G Sutton Co. July 16, 1914
July 23, 1914—E TENTH AVE 125 N Noriega N 25x100. P Hansen to S Tadd. July 23, 1914
July 23, 1914—E FOLSOM 157.43 N Army S 157.43 E 100 N parallel with E Folsom 150.5; W Folsom 160 N Army S 160 W to E Shotwell N 170 th to beg. J W Kerr, Chas C Wadsworth, J H Sammi, Geo W Reed, R V Lucy, Herman Van Lewen and H T Harper Trustees and as Board of Trustees Cogswell Polytechnical College or Cogswell Polytechnical College to Robert Trost. July 14, 1914
July 24, 1914—W NINETEENTH AVE 50 N Balboa. B J Hooper to whom it may concern. July 20, 1914
July 24, 1914—W NINETEENTH AVE 75 N Balboa. B J Hooper to whom it may concern. July 20, 1914
July 24, 1914—W DOUGLASS 58-6 S 21st S 25xW 110 Bk 4. Noe Garden Hd Union. Thos and Mary A Crimmins to Costello & Feerick. July 23, 1914
July 24, 1914—E BAKER 87-6 S Bush 25x100 H M Hagemann to W A and C C Terrill. July 24, 1914
July 24, 1914—N TWENTY-THIRD 87 E Douglass E 25xN 115; NE 23rd and Douglass E 87xN115. Guerrero Realty Co to Emil Nelson. July 23, '14
July 24, 1914—SE POST & LEAVENWORTH S 137-6xSE 137-6. The Schmiedell Estate Cpn to Joseph Pasqualetti. July 17, 1914
July 24, 1914—SE HARKNESS AVE 60 NE Goettingen NE 30 — 100 SE 30 SW 100. Ludwig Staltmayer to M Elberger. July 20, 1914
July 24, 1914—N 1/2 LOT 24 AND ALL Lot 25 Bk 15, Forest Hill. Carl Martin to Arthur Elvin. July 23, 1914
July 24, 1914—N CALIFORNIA 45 W 21st Ave W 50xN 70. James P and Ella McManus to W A Savage. Completed —

LIENS FILED.

San Francisco.

July 16, 1914—N MISSION 343-4 1/2 W Seventh W 31-7 1/2xN 165. Petersen-James Co vs Talbot Invest Co and Neil A McLean. \$643
July 16, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Allen M Olinger, \$11.25; Standard Portland Cement, \$503.41 vs Young & Swain Baking Co, Cpn.

July 16, 1914—N MISSION 313-13 1/2 W Seventh W 31-7 1/2 XN 165. Eureka Teaming Co vs Talbot Investment Co and Nell A McLean.....\$325	
July 17, 1914—SE SUTTER & JONES S 100X E 72. The Watson Mantel & Tile Co vs Chris and L C Larsen (Larsen & Larsen), S L M Starr and F C Larsen (Starr & Larsen) .....\$233.95	
July 17, 1914—N MISSION 343-9 W Seventh W 31-7 1/2 XN 165. Joseph Greenback vs Talbot Invest Co and Nell A McLean.....\$2151.50	
July 17, 1914—N MISSION 343-4 1/2 W Seventh N 65 W 31-7 1/2 S 165 E to beg. Woods & Huddart vs Nell A McLean and Talbot Invest Co.....\$2650	
July 20, 1914—W MISSION 25 H S Rich- land Ave S 25XW 100. H S Thomson vs Jane Doe Cavallo and Thos Healey .....\$44.85	
July 20, 1914—E BRIGHTON AVE 175 N Holloway Ave N 37-6X E 112-6. H S Thomson vs Harry F Yarl.....\$143.38	
July 20, 1914—NE RANDOLPH AVE Arch N 100X E 50. Blk 30, City Land Ass'n. H Berman vs Helen P Swan and Joseph C Stromswold.....\$150	
July 20, 1914—S HALE 30.27 W Boylston W 25.02 S 78.07 E 25.03 N 76.75 Lot 46 Blk 1 Heyman's Trct No. 2. M Berman vs Joseph C Stromswold .....\$105	
July 20, 1914—NW NAPLES 150 NE Brazil Ave NE.25XNW 100 Blk 47. Excel Ltd Association. Ghitto & Pakma, \$685; Gregory Piccoletto, \$347 vs Maria Travi and A B Frank, Adm Estate Pietro Travi.....	
July 20, 1914—W GAMBIER 50 N Pioche N 25XW 120 Blk 139 Uni- versity Ex Hd Ass'n. M Berman vs Catherine, Robert S, Alice J, Mary C and Genevieve Brown and Ada E Walte and Joseph C Stroms- wold .....\$140	
July 20, 1914—NE LAGUNA AND Union N 60X E 45. Herbert I Lau- der vs Marcus Marcussen and Mrs A S Kellogg.....\$170.40	
July 21, 1914—N GREENWICH 37-6 W Devisadero W 25XN 112-6. Norio Cavaglia vs Cesare Soracco.....\$900	
July 21, 1914—N MISSION 343-4 1/2 W Seventh W 31-7 1/2 XN 165 E 31-7 1/2 S 165. National Mill & Lumber Co vs Talbot Investment Co and Niel A McLean.....\$90	
July 21, 1914—N HAIGHT 125 W Webster W 24-4XN 137-6. J M Bailey vs May D Jahanne.....\$156.75	
July 22, 1914—S GEARY 137-6 E. Eva Mordecai (as Eureka Teaming Co) vs The Stewart Estate Co and Nell A Mc- Lean .....\$347.34	

NOTICE OF NON-RESPONSIBILITY.

July 20, 1914—SPACE ADJ. NO. 634
Market. Crocker Estate Co as to
improvements on leased property.

CESATION OF LABOR.

July 22, 1914—SW LYON & TONQUIN
W 400 N 250 E 450 S 250 (New
York State Building) Panama-
Pacific International Exposition Co
with Nell A McLean Work ceased
.....June 17, 1914

RELEASE OF BUILDING CONTRACT.

July 23, 1914—N UNION 51-9 E Tay-
lor E 25-9XN 82-9. Joseph Parente
with A Sarraillie and S Lagomarsino
Released.....July 22, 1914

ASSIGNMENT OF LIEN.

July 22, 1914—NE O'FARRELL 80 W
Devisadero W 195 N 137-6 E 150 S
25 E 25 S 25 E 20 S 87-6. Granfield
Co to Genevieve Granfield.....

INCORPORATIONS.

Armuth & Huff, Inc. Capital Stock
\$5000; subscribed, \$400; shares, \$10 each.
Directors—W. R. Huff, Margaret A.
Huff, A. L. Armuth and S. A. Armuth.
Place of business, San Francisco.

Palace Cafe Business, Saloon and
Concert Hall. Capital Stock, \$10,000;
subscribed, \$500; shares, \$100 each. Di-
rectors—William Abbott, 192 O'Farrell;
Otto F. Huber, 276 Castro; J. P. Wil-
liams, 218 Genesee; Chas. Detjen and
Edward Barron. Place of business,
San Francisco.

Horning Side Realty Co. Capital
Stock, \$75,000; subscribed, \$30; shares,
\$10 each. Directors—N. B. Ryder, J. B.
Oliver and A. McCulloch. Place of busi-
ness, San Francisco.

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE ADDITION—2
story and base, frame, \$10,000. Berke-
ley, Alameda Co., Cal. Architect, J.
Howard Peterson, Blake Bldg., Oak-
land. Owner, Fletcher Ames. This
work will consist of remodeling a
hotel and store building into a modern
apartment house. There will be new
interior finish, painting, plastering,
plumbing and electric work. Wall
beds will be used. Some exterior al-
terations will also be made. Plans are
complete and figures are now being
taken.

APARTMENT HOUSE—2 story and
base. Cost not stated. Richmond, Con-
tra Costa Co., Cal. Architect, James T.
Narbett, Richmond Owners, Cray,
Browne & Heinzen. The building will
be erected on Macdonald avenue and
has been designed for stores on the
first floor and a number of two-room
suites above. The building will have a
frontage of 50 feet. Interior will be
finished in pine throughout. There
will be wall beds and a hot water sys-
tem. Bath rooms will have tile wain-
scot and composition floors. Patent
store fronts are specified. Exterior of
the building will be faced with pressed
brick. Plans are being prepared.

CHURCH—2 story and base. Class C
construction, \$50,000. Berkeley, Alame-
da Co., Cal. Architect, Eugene K.
Martin, 2192 Shattuck avenue, Berkeley.
Owners, First Baptist Church of Berke-
keley. The building will be erected at
the corner of Dana and Haste streets,
and has been designed after the depart-
ment scheme. There will be a main
auditorium 75 by 80 feet, Sunday school
rooms 50 feet high, social rooms and
pastor's study. Interior will be fin-
ished in pine with ornamental plaster
in the auditorium and Sunday school
rooms. Plans provide for a central
heating system. Art glass will be used.
Exterior of the building will be faced
with pressed brick. Plans are com-
plete and figures are being taken.

FLATS—2 story and base, frame,
\$5,000. Piedmont, Alameda Co., Cal.
Architect James H. L'Homme-dieu, Syn-
dicate Bldg., Oakland. Owner, Mrs.
Dann. The building will be erected on
Piedmont avenue and has been de-
signed to contain two five-room flats

with baths. Interiors will be finish-
ed in pine with some hardwood floors a
vener panels. There will be lar-
ge open fire places and tile mantels. Ba-
throoms will be finished in tile. Auto-
matic water heaters will be installed.
Exterior of the house will be cover-
ed with cement plaster on metal lath.
Plans are complete and figures are be-
ing taken.

MUNICIPAL AUDITORIUM WORK
Cost not stated. Oakland, Cal. Archi-
tects, J. J. Donovan and Walter
Brewers, Oakland. Owners, City of Oak-
land. The following contracts have
been awarded for the construction of
the Oakland Municipal Auditorium:
Carpentry and mill work, Foster-Vo
Co., \$32,550; heating and ventilat-
ing, Victor Engineering Co., \$24,195; dam-
proofing, National Roofing Co., \$1,310;
composition roofing, Bay Cities Roof-
ing Co., \$1,117; plumbing and gas-
telling, Carl Doell, \$17,937; automatic fire
extinguishing system, Scott Co., \$4,310.
In the matter of the bids for architec-
tural metal, glass and glazing, a
sheet metal and skylights, same have
been referred to the contract commit-
tee of the commission for investigation.

ROAD REPAIR — \$3,000. Hayward
Alameda Co., Cal. Engineer, Coun-
ty Surveyor Haviland, Oakland. Owner,
Alameda County. Bids will be receiv-
ed on August 3rd for repairs to the Coun-
ty Road from Haywards to Dublin.
Plans can be secured from the Coun-
ty Clerk or County Surveyor in Oakland.

RESIDENCE — 2 story and has
frame, \$3,000. Oakland, Cal. Archi-
tect, none. Owner, C. J. Pfrang, Hu-
son and Claremont, Oakland. This
dwelling has been designed for a si-
ngle room house with bath and sleep-
ing porch and will be erected on Hanov-
er street near Newton. Interior finish
will be largely of pine. Hardwood floor-
ing will be used in the principal room.
There will be open fire places and tile
mantels. Bath room and kitchen will
have tile wainscoting. Exterior of the
dwelling will be covered with ceme-
nt plaster on metal lath. Plans are com-
plete and the work will be done by
Day Labor. Materials are now being
purchased.

RESIDENCE — 2 story and has
frame, \$4,000. Berkeley, Alameda Co.,
Cal. Architects, Hutchinson Bros., 41
12th street, Oakland. Owner, Fred
Peters. The dwelling will be erected
on Prince street near College avenue
and has been designed to contain seven
rooms and bath. Interior finish will
be of pine with some elm panels. Hard-
wood floors will be used in the living
room, dining room and reception hall.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. Bath room will have tile wain-
scot. An automatic water heater will
be installed. Exterior of the dwelling
will be covered with cement plaster
on metal lath. Plans are being pre-
pared and when complete the work
will be done by Day Labor.

RESIDENCE — 2 story and has
frame, \$3,500. Piedmont, Alameda Co.,
Cal. Architects, Elite Planners, 184
5th avenue, Oakland. Owner, H. War-
ner. The dwelling will be erected in Nov-
elty and has been designed to
contain seven rooms, bath and sleep-
ing porch. Pine interior trim will be
used throughout. Hardwood floors will
be used in the principal rooms. Plans
provide for furnace heat and open fire
places. Mantels will be of tile or
brick. Tile wainscot and composition

por will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, cost not stated. Oakland, Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. O. Olsen. The dwelling has been designed for a seven-room house and will be erected on Santa Ray avenue. Interior finish will be of pine with elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Tile wainscot and composition floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW — 1 story and base, frame, \$2,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Schmidt. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine throughout. Hardwood floors will be used in the dining room and living room. There will be open fire places and tile mantels. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, tile, \$25,000. Piedmont, Alameda Co., Cal. Architect, Albert Parr, Huxcroft Bldg., S. F. Owner, W. N. More. The dwelling will be erected on a large lot and has been designed to contain twenty rooms, six baths and dining porches. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places, vacuum cleaning and automatic water heaters. Mantels will be of tile or oak. Bath rooms will have tile floors and wainscot and will be supplied with showers. Exterior of the dwelling will be covered with cement stucco. A clay tile roof will be used. Plans are complete and figures are being taken.

RESIDENCE — 1 story and base, frame, \$2,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brasch. The dwelling will be erected in Country Hills Heights and has been designed to contain five rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. The wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$7,000. Oakland, Cal. Architect, W. Dickey, Central Bank Bldg., Oakland. Owner, J. D. Kennedy. The dwelling will be erected in Haddon Hill Tract and has been designed to contain eight rooms, three baths and sleeping porch. A frame garage will be erected on the rear of the lot. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room,

den and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have the wainscot and composition floors. Automatic water heaters will be specified. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Leon M. Gove. The dwelling will be erected on Walker avenue and has been designed to contain eight rooms and bath. Interior finish will be largely of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW — 1 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, E. W. Woodward, 2645 13th avenue, Oakland. The dwelling has been designed for a seven-room house and will be erected on 14th avenue. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$2,500. Oakland, Cal. Architect, none. Owner, B. F. Butler, 332 49th street, Oakland. The dwelling has been designed for a six-room house and will be erected on Walla Vista avenue. Pine and redwood interior finish will be used. There will be hardwood floors in the principal rooms. Plans provide for open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL GYMNASIUM BUILDING — 2 story and base, brick. Cost not stated. Berkeley, Alameda Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids were opened by the State Board of Control on July 20th for the construction of this building and show Frank Gallagher of San Francisco low at \$39,900. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

STORES — 1 story, frame and plaster, \$2,500. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, G. R. Kibbe. This building will be erected on Redwood Road and will contain two stores. Interiors will be finished in pine and redwood. There will be patent store fronts. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

Contracts Awarded.

and plaster, \$29,500. San Francisco, Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owners, Territory of Hawaii Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$29,500.

Berkeley Gymnasium Bids Are Opened.

Frank Gallagher of San Francisco Low and Will Probably Be Awarded the Contract.

(By Special Wire.)

SACRAMENTO, CAL., July 29, 1914.—Bids were opened by the State Board of Control on July 20th for construction of the gymnasium building at the State Home for the Deaf and Blind at Berkeley. The building is a brick and reinforced concrete building designed by State Architect George B. McDougall. Frank Gallagher of San Francisco was low man at \$39,900, and will probably be awarded the work. Following is a complete list of the bids:

Gymnasium at Berkeley.

Frank Gallagher	\$39,900
William A. Newsum	41,061
Monson Bros.	41,927
McLaren & Peterson	42,500
Williams Bros. & Henderson	42,528
Alfred Kohn	42,829
Lewis Cereghino & Son	42,860
L. G. Burgen & Son	42,933
Lewis A. Hicks Co.	43,220
Foster-Vogt Co.	43,887
Bluxome Co.	43,971
Ward & Goodwin	45,900
H. A. Klyce	44,310
Pringle-Dunn & Co.	48,950
Continental Fireproofing Co.	45,000
Carnahan & Mulford	48,237
F. L. Hansen	55,671

Building Contracts Awarded.

No.	Owner	Contractor	Amount
1825	Cederborg	Anderson	2950
1826	Bruno	Campomenosi	1925
1828	McElroy	Malley	15000
1829	St. George Hall	Kimball	954
1832	Silverstone	Rose	500
1833	Case	Thompson	500
1834	Dean	Hollenbeck	2300
1835	Tashera	Thompson	500
1836	Holson	Stand Bldg	2500
1840	Kettner	Harris	2150
1811	Tapscott	Hollenbeck	1600
1842	Same	Same	1500
1843	Same	Same	1500
1844	Same	Same	1200
1845	Ahlback	Wood	1000
1846	Bereovich	Larsen	7000
1847	Capwell	Walker	20000
1848	Ruxter	Monroe	3000
1852	Calonicio	Lattora	1500
1853	Pfrang	Pfrang	3000
1854	Rose	Souza	800
1855	Pizzola	Almquist	200
1856	Lehman	Lehman	2500
1857	Brown	Brown	2250
1859	McArthur	McArthur	2000
1860	Schmidt	Schmidt	2000
1861	Gerard	Pallen	2500
1862	Butler	Butler	3500
1863	Baird	Sommarmstrom	44000
1864	Stephens	Griffin	2000
1865	Dickie	Dickie	400
1866	Veitz	Veitz	400
1867	Stephens	Stephens	1000
1868	Ferracane	Devote	2000
1869	Luke	Sattin	765
1872	Edwards	Edwards	1250
1873	Reiertsen	Owner	2000
1874	Beckett	Beckett	400
1875	Devote	Devote	400
1876	Oakland Lp Wks.	Owner	500
1877	Moblad	McChesney	3575

(1825) W BROADWAY 323.50 N Colledge, Oakland. Two-story six-room

Get it from Bacon.

The Blocks that were
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.
CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

SCHRADER
INC. **IRON**
WORKS

**Structural Steel
Contractors**

**Works at
HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Market 337

Oakland.
dwelling.
Owner.....A. Cedecborg, 1033 Poplar.
Architect...None.
Contractor...Cedecborg & Anderson,
1033 Poplar, Oakland.
COST, \$2950

(1826) E SHAFER AVE 100 N
Cavoor, Oakland. One-story 5-room
dwelling.
Owner.....J. J. Bruno, 418 Aven St.,
Oakland.
Architect...None.
Contractor...E. Cumpomenosi, 5174
Miles Ave., Oakland.
COST, \$1925

(1828) SE NINETEENTH & TELE-
graph Ave., Oakland. Two-story
brick stores and rooms.
Owner.....J. J. McElroy, Oakland
Hotel, Oakland.
Architect...None.
Contractor...F. T. Malley, 2001 Grove
Oakland.
COST, \$15,000

(1829) SE TWENTY-FOURTH & GROVE
S 60x E 90, Oakland. Electric work

for two-story Class "C" store and
lodge building.
Owner.....St. George Hall Ass'n., 1319
Broadway, Oakland.
Architect...Cunningham & Politeo, 1st
National Bank Bldg., S. F.
Contractor...Kimball Elec. Co., 1314
Webster, Oakland.
Filed July 20, '14. Date July 1, '14.
1st and 15th of each month... 75%
Usual 35 days... 25%
TOTAL COST, \$951
Bond, \$475. Surety, Chicago Bonding
& Surety Co. Limit, 30 days. Forfeit,
\$20. Plans and specifications filed.

(1832) NO. 786 EIGHTH, Oakland.
Fire repairs.
Owner.....A. Silverstine, 1576 Albee,
Oakland
Architect...None.
Contractor...A. H. Rose & Co., 545 17th
Oakland.
COST, \$500

(1833) NO. 565 SIXTY-THIRD, Oak-
land. Alterations.
Owner...W. W. Case, Premises.
Architect...None.

Contractor...E. A. Thompson, 660 60th
Oakland.
COST, \$500

(1834) N WADEAN PLACE 400 E 54th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Dean & Wade, City Ha
Annex, Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 52
Fairfax Ave., Oakland.
COST, \$275

(1835) NO. 633 WALSWORTH AVENUE
Oakland. Alterations.
Owner.....Arthur Tashera, Premises.
Architect...None.
Contractor...E. S. Thompson & So
3650 Broadway, Oakland.
COST, \$500

(1836) NO. 841 APGAR, Oakland. One-
story 5-room dwelling.
Owner.....A. M. Holson, Premises.
Architect...None.
Contractor...Standard Bldg. Co., 56
Shafter Ave., Oakland.
COST, \$250

(1840) W RANSOM AVE 160 N San
Rita, Oakland. One-story five-room
dwelling.
Owner.....George Kettner, Premises.
Architect...None.
Contractor...Harris & Hudson, 1957
38th, Oakland.
COST, \$210

(1841) E FOOTHILL BLVD 300 S 90th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. N. Tapscott, 1st Na
Bank Bldg., Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 52
Fairfax Ave., Oakland.
COST, \$160

(1842) E FOOTHILL BLVD 350 S 90th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. N. Tapscott, 1st Na
Bank Bldg., Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 52
Fairfax Ave., Oakland.
COST, \$150

(1843) E FOOTHILL BLVD. 500 S 90th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. N. Tapscott, 1st Na
Bank Bldg., Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 52
Fairfax Ave., Oakland.
COST, \$150

(1844) S FOOTHILL BLVD. 460 S 90th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. N. Tapscott, 1st Na
Bank Bldg., Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 52
Fairfax Ave., Oakland.
COST, \$150

(1845) LOT 11 BLK 1, Brookside Pa
Oakland. All work except lathin
plastering, electric wiring, tinnin
rock and cement, blue linings, tile a
brick, nails and paper, finish har
ware, electric fixtures, wind
sashes, shades, paints, sewer plin
sash and doors, mill work, rou
lumber, hardwood, glass and 27 yar

Inoleum (provided aggregate materials and labor furnished by owners shall not exceed \$1750), furnished by owners, for two-story and basement frame dwelling.
Owner.....Joseph & Wm. J. Ahnack
San Francisco.
Architect...None.
Contractor...Charles Harding Wood,
Oakland.

Filed July 22, '14. Dated July 20, '14.
Completed and accepted.....\$1000
TOTAL COST, \$1000

Bond, \$500. Sureties, E. W. Strange
and W. P. Slattery. Limit, 100 days
after August 1. Forfeit, none. Plans
and specifications filed.

(1846) NW ISABELLA & SAN PABLO
Ave., Oakland. Alter flats to apart-
ments and repair foundation, etc.
Owner.....B. Berovich, Commercial
Bldg., Oakland.
Architect...Wm. Wilde, Albany Bldg.,
Oakland.
Contractor...August Larsen, 720 36th,
Oakland. COST, \$7000

(1847) COR. FOURTEENTH & CLAY,
Oakland. Add 2 new elevators.
Owner.....H. C. Capwell Co., Prem.
Architect...C. W. Dickey, Central Bk
Bldg., Oakland.
Contractor...P. J. Walker Co., Oakland
Bank of Svcs Bldg., Okd.
COST, \$20,000

(1848) W RAWSON AVE 180 N Trask,
Oakland. Two-story 7-room dwlg.
Owner.....Claus Ruyter.
Architect...None.
Contractor...J. W. Monroe, 690 61st,
Oakland.
COST, \$3500

(1852) N E-FOURTEENTH 100 E 96th
Ave., Oakland. Two-story 4-room
factory.
Owner.....Joe Calonicco, 420 Mont-
gomery, San Francisco.
Architect...E. Pezzilcone, 443 Market,
San Francisco.
Contractor...Pete Lattora, 1311 87th
Ave., Oakland.
COST, \$1500

(1853) N HANOVER 100 E Newton,
Oakland. Two-story 6-room dwlg.
Owner.....C. J. Pfrang, Hudson and
Claremont, Oakland.
Architect...None.
Day's work. COST, \$3000

(1854) E TWENTY-EIGHTH AVE 200
S E-9th, Oakland. One-story 5-room
dwelling.
Owner.....Joe Rose, 2723 69th, Okd.
Architect...None.
Contractor...J. F. Souza, 603 29th Ave.,
Oakland.
COST, \$800

(1855) N FORTY-SIXTH 150 W Grove,
Oakland. One-story 4-room dwelling
Owner.....C. Pizzola, 548 45th, Okd.
Architect...None.
Contractor...A. W. Almqvist, 464 43rd,
Oakland.
COST, \$2000

(1856) E DOLORES 350 N El Centro,
Oakland. One-story 5-room dwlg
Owner.....J. Lehman, 959 Apgar, Okd.
Architect...None.
Day's work. COST, \$2500

(1857) W THIRTY-FIFTH AVE 80 N
Alexander Court, Oakland. One-story
six-room dwelling.

Owner.....W. C. Brown, 1624 64th
Ave., Oakland.
Architect...None.
Day's work. COST, \$2250

(1859) S FIFTIETH 41 W Lawton
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Chas. McArthur, 382 50th,
Oakland.
Architect...None.
Day's work. COST, \$2000

(1860) S FIFTY-FOURTH 100 E Gas-
kill, Oakland. One-story 5-room
dwelling.
Owner.....Mrs. A. Schmidt, 1026 54th,
Oakland.
Architect...None.
Contractor...W. M. Schmidt, 1026 54th,
Oakland.
COST, \$2000

(1861) S GLENDORA 500 NW Clarke,
Oakland. One-story 5-room dwlg.
Owner.....R. L. Gerard, 12th and Har-
rison, Oakland.
Architect...None.
Contractor...A. H. Pullen, 686 61st, Okd.
TOTAL COST, \$2500

(1862) N WALLA VISTA AVE 275 W
Lake Shore Ave., Oakland. Two-
story six-room dwelling.
Owner.....B. F. Butler, 323 49th,
Oakland.
Architect...None.
Day's work. COST, \$3500

(1863) W OAK 516.9 N 14th N 80xW 160
All work for four-story brick apart-
ments.
Owner.....Fred G. and Mary L. Baird,
135 Stockton, San Francisco
Architect...None.
Contractor...Edward Sommarstrom, 202
E-12th, Oakland.

Filed July 23, '14. Dated July 22, '14.
Ready for plaster.....\$11,000
Rough plaster completed..... 11,000
Completed and accepted..... 11,000
Usual 35 days..... 11,000
TOTAL COST, \$44,000
Bond, none Limit, 175 days Forfeit,
none. Plans and specifications filed.

(1864) STEPHENS' RANCH, Mission
San Jose. All work for dairy barn, 2
concrete silos and alterations to hay
barn.

Owner.....Stephens' Ranch.
Architect...None.
Contractor...F. C. Griffin & Sons,
Irvington, Cal.

Filed July 23, '14. Dated July 21, '14.
Frame up\$1550
Enclosed 1550
Completed 1550
Usual 35 days..... 1644
TOTAL COST, \$6294

Bond, \$1600. Surety, Chicago Bonding &
Surety Co. Limit, 90 days. Forfeit, \$5.
Plans and specifications filed.

(1865) NO. 2173 FORTY-EIGHTH AVE
Oakland. Repairs.
Owner.....E. B. Dickie, Premises.
Architect...None.
Day's work. COST, \$400

(1866) NO. 2415 SEVENTY-EIGHTH
Ave., Oakland. Addition.
Owner.....C. F. Veitz, Premises.
Architect...None.
Day's work. COST, \$460

(1867) E RAYMOND 85 N Alcatraz
Ave., Oakland. One-story 4-room
dwelling.

Owner....E. W. Stephens, 558 Alca-
traz Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

(1868) NO. 2132 ADELANE, Oakland.
Addition.
Owner.....J. Ferracone, Premises.
Architect...None.
Contractor...John Perona, 674 19th,
Oakland.
COST, \$100

(1870) W FOURTEENTH AVE 195 SE
13th Ave., Oakland. One-story 7-
room dwelling.
Owner.....E. W. Woodard, 2645 13th
Ave., Oakland.
Architect...None.
Day's work. COST, \$3000

(1872) W MCCLELLAND 80 N Rose
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Jas. Edwards, Beulah
Heights, Oakland.
Architect...None.
Contractor...Webb, Beulah Heights,
Oakland. COST, \$1250

(1873) E WEBSTER 98 S 48th, Oak-
land. One-story 5-room dwelling.
Owner.....A. B. Reinertsen, 601 Jones,
Oakland.
Architect...None.
Day's work. COST, \$2000

(1874) E TWENTY-THIRD AVE 50
S 18th, Oakland. One-story 3-room
dwelling.
Owner.....Mrs. Edna F. Beckett, 2035
Channing Way, Berkeley.
Architect...None.
Contractor...J. P. Beckett, 2035 Chan-
ning Way, Berkeley. COST, \$500

(1875) W UNION 55 S 24th, Oakland.
Corrugated iron shed.
Owner.....Geo. Devoe, 2339 Adeline,
Oakland.
Architect...None.
Day's work. COST, \$400

(1876) NE SIXTEENTH & CAMP-
bell, Oakland. One-story warehouse
Owner.....Oakland Lamp Works &
General Elec. Co., Premises
Architect...None.
Day's work. COST, \$400

(1877) E DOLORES AVE 320 N El
Centro, Oakland. One and one-half
story 5-room dwelling.
Owner.....W. G. Mohlad, 1161 Park
Ave., Alameda.
Architect...None.
Contractor...W. E. McChesney, 2605
Etna, Berkeley. COST \$3575

Contracts Awarded. Berkeley.

No.	Owner	Contractor	Am't.
1827	Taylor	Taylor	1500
1820	Purcell	Donaldson	400
1821	Munger	Monger	500
1827	Onley	Jones	4840
1838	Luke	Sattin	765
1839	Wilson	Pearson	2500
1849	Marlor	Maughan	3500
1850	Hicks	Blinnston	750
1851	Wrights	Wrights	2000
1858	Rasmussen	Peterson	1800
1870	Woodard	Owens	3000
1871	Gove	Gove	3480

(1878) E BAKER 200 S Russell, Ber-
keley. One-story 5-room dwelling.

Owner.....G. Taylor, 423 Walsworth Ave., Oakland.
 Architect...None.
 Day's work.....COST, \$1500

(1850) NW RUSSELL & MAGEE, Berkeley, Alterations.
 Owner.....Mrs. Rose Purcell, 1770 Goss, Oakland.
 Architect...None.
 Contractor...D. T. Donaldson, 1637 Stuart, Berkeley.
 COST, \$100

(1851) N CHANNING WAY 300 E Fulton, Berkeley, Alterations.
 Owner.....Mrs. Monger, 2233 Channing Way, Berkeley.
 Architect...None.
 Day's work.....COST, \$500

(1837) W WARRING 80 S Parker S 15 xW 135, Berkeley. All work for two-story and basement frame dwelling.
 Owner.....William Olney.
 Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
 Contractor...Jones & McGovern, 2218 Los Angeles, Berkeley.
 Filed July 20, '14. Dated July 27, '14.
 Frame up, boarded in, chimneys up and rough plumbing in..... 1/4
 Brown coated..... 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$4840
 Bond, \$2420. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1838) NO. 3192 ADELIN, being N 22 Lot and Part of S 5 Lot 10 Map Werner Tract, Berkeley. All work for additions and alterations to one-story frame moving picture building.
 Owner.....Thomas M. Luke, 2322 Rose Terrace, Berkeley.
 Architect...None.
 Contractor...H. J. Sattin, 2147 Center, Berkeley.
 Filed July 21, '14. Dated July 20, '14.

Frame up and roof on.....\$382.50
 Completed and accepted..... 191.25
 Usual 35 days..... 191.25
 TOTAL COST, \$765.00
 Bond, \$382.50. Surety, Pacific Coast Casualty Co. Limit, 30 days. Forfeit, \$1. Plans and specifications filed.

(1839) W BUENA VISTA 266 N of the bend, Berkeley. Two-story 6-room dwelling.
 Owner.....B. F. Wilson.
 Architect...None.
 Contractor...Ben Pearson, 2403 Grant, Berkeley.
 COST, \$2500

(1819) E UPLANDS 50 N Hillcrest Road, Berkeley. Two-story 7-room dwelling.
 Owner.....Valerie S. Marlor, 2508 Benvenue Ave., Berkeley.
 Architect...None.
 Contractor...P. F. Maughan, 2508 Benvenue Ave., Berkeley.
 COST, \$3500

(1850) S CENTER 150 W Oxford, Berkeley, Alterations.
 Owner.....Lewis A. Hicks Co.
 Architect...None.
 Contractor...H. Bennston, 2148 Center, Berkeley.
 COST, \$750

(1851) N FRANCISCO 250 E Milvia Berkeley. Two-story 7-room dwlg.

Owner.....J. C. Wright, Cor. Francisco and Milvia, Berkeley.
 Architect...None.
 Day's work.....COST, \$2000

(1858) W McGEHE 100 N Delaware, Berkeley. One-story 5-room dwlg.
 Owner.....P. Rasmussen, Los Gatos.
 Architect...None.
 Contractor...T. S. Peterson, 5455 Boulevard, Oakland.
 COST, \$1800

(1869) NO. 3192 ADELIN, Berkeley. Add to theatre.
 Owner.....I. M. Luke, 2322 Rose St., Berkeley.
 Architect...None.
 Contractor...H. J. F. Sattin, 2536 Chilton Way, Berkeley.
 COST, \$765

(1871) W WALKER AVE 55 S Boulevard Way, Berkeley. Two-story 8-room dwelling.
 Owner.....Leon M. Gove, 1206 Broadway, Oakland.
 Architect...A. W. Smith, 1010 Broadway, Oakland.
 Day's work.....COST, \$2480

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
1818	Ala Baths	Welbourn	5000
1819	Same	Johnson	1500
1820	Same	Welbourn	7500
1821	Tyson	Jones	1200
1822	McDonald	Aitchison	400
1823	Volberg	Horst	400
1824	Fischer	Froling	2500

(1819) FOOT PALM STREET, Alameda. Bath house.
 Owner.....Alameda Venice Baths, Premises.
 Architect...Al. Mazurette, 1546 Santa Clara Ave., Alameda.
 Contractor...F. J. Welbourn, 559 Walsworth Ave., Oakland.
 COST, \$5000

(1819) FOOT PALM STREET, Alameda. Dance platform.
 Owner.....Alameda Venice Baths, Premises.
 Architect...None.
 Contractor...W. Johnson, 1706 Eagle Ave., Alameda.
 CSOT, \$1500

(1820) FOOT PALM STREET, Alameda. Bath house.
 Owner.....Alameda Venice Baths, Premises.
 Architect...Al. Mazurette, 1546 Santa Clara Ave., Alameda.
 Contractor...F. J. Welbourn, 559 Walsworth Ave., Oakland.
 COST, \$7500

(1821) NO. 1015 SHERMAN, Alameda. Alter dwelling.
 Owner.....Jas. Tyson, Premises.
 Architect...None.
 Contractor...Paul Jones, 180 Jessie, San Francisco.
 COST, \$1200

(1822) NO. 622 TAYLOR AVE., Alameda. One-story 3-room dwelling.
 Owner.....H. McDonald, Premises.
 Architect...None.
 Contractor...Aitchison & Sons, 641 Santa Clara Ave., Ala.
 COST, \$100

(1823) NO. 1707 WEBSTER, Alameda. Alter store front

Owner.....C. C. Volberg, Premises.
 Architect...None.
 Contractor...H. J. Horst, 1314 Grand, Alameda.
 COST, \$400

(1821) HIBBARD & LINCOLN AVE., Alameda. Two-story dwelling.
 Owner.....Mrs. C. F. Fischer, 1334 Park, Alameda.
 Architect...None.
 Contractor...C. Froling, Broadway and Crist, Alameda.
 COST, \$2500

COMPLETION NOTICES.

ALAMEDA COUNTY.

July 14, 1914—SW WOOD AND GOSS 100x100. Oakland. Miss Elizabeth Becker and Mrs. Maria Sander to Jos Flittner.....July 8, 1914
 July 15, 1914—SE SARATOGA AVE AND NE Elm NE 120x85 132.50, Brooklyn Tp. Emma M Blom (widow).....\$1000
 July 15, 1914—LOT 19 BLK "H" Map Northbrae Terrace, Bkly. Amanda J Arps (wf E G).....\$4000
 July 15, 1914—CENTER LINE BAY View Ave 882.96 NE Sunnyside NE 325.07 SE 327.62 SW 194.64 NW 296, Brooklyn Tp. Mary F Silva (wf Manuel F).....\$4000
 July 16, 1914—LOTS 335 AND 340 Map Stone Orchard, Alameda Co. Wm and Hatty Fried to whom it may concern.....May 29, 1914
 July 16, 1914—ADELINE NO. 3209, Okd. Joseph Giani (by J A Valadon) to James Grimmins and E J Cushman.....July 15, 1914
 July 17, 1914—NE S. MARY'S AND Pleasanton Avenue E 65xN 125, Pleasanton. Anton Petersen to C A Bruce.....July 14, 1914
 July 17, 1914—NW TWELFTH AND Grove 112x50, Okd. The Brugiere Co to Reinhardt Planing Mill Co.....July 16, 1914
 July 18, 1914—LOT 4 AND E 1/2 LOT 5 Blk "F" Map Resdvbn Bkls A, B, C, D, E and F Map No. 3, Roberts & Wolfskill Tract, being No. 552 63, Okd. Wendel Klepping to H S Klepping.....July 16, 1914
 July 20, 1914—LOT 1 Map George W-Austin's Sdvyn of Blk "D" Vernon Park, Okd. Minnie Willford to whom it may concern.....May 15, '14
 July 20, 1914—LOT 24 BLK "H" Map Broadway Terrace, Okd. E J Roberts to whom t may concern.....July 17, 1914
 July 20, 1914—NW TWELFTH AND Grove 112x50, Okd. The Brugiere Co to Terranova Bros.....July 10, 1914
 July 21, 1914—NE ELEVENTH AND Franklin E 100xN 37 1/2, Okd. Barbara Streit (by Wm. Wilde) to E Andersen.....July 21, 1914
 July 21, 1914—LE ROY AVE NO. 1536, Bkly. Joel H Hildebrand to Frank Button.....July 20, 1914
 July 22, 1914—LOT 25 BLK 3 Amended Map Thousand Oaks Court, Oakland Tp. J H Spring and George Friend to Spring Constr Co.....July 22, 1914
 July 22, 1914—LOT 22 BLK "H" Map and Oaks Heights, Oakland Tp. J H Spring and George Friend to Spring Constr. Co.....July 22, 1914
 July 22, 1914—LOT 6 BLK "D" Map Waterside Terrace, Alameda. Mark T Cole to whom it may concern.....July 25, 1914
 July 23, 1914—E SIXTY-EIGHT AV

25 N E-14th 50 on 68th Ave, Okd.
Ellen McFarlane (wf C E)
McFarlane.....July 23, 1914
July 23, 1914—E MANILA AVE 80 S
Clifton 40x100, Okd, J J Brunning
to L G Geary.....July 14, 1914
July 23, 1914—SW E-EIGHTHENTH
40 NW 9th Ave W 35xSW 100, Okd.
Patrick Desmond to Alchison &
Son.....May 30, 1914
July 23, 1914—LOT 15 BLK 3 East
Piedmont Heights Ext, Okd. Myrtle
Wilson to Alex C Wieben, July 23, '14
July 24, 1914—E JAMES AVE 80 N
Clifton N 40x110, Okd. Israel Kes-
sler to J Kessler.....July 22, 1914

LIENS FILED.

ALAMEDA COUNTY.

July 16, 1914—LOT 3 BLK 56, Town
of Niles, Niles Lumber & Milling
Co vs J A and Annie M Silva and
F C Griffin & Sons.....\$68.85
July 17, 1914—LOT 3 BLK 56, Town
of Niles, L A Vieux vs J A Silva
.....\$65
July 17, 1914—LOT 21 BLK "D" Map
Piedmont Knoll, Okd. Redwood
Mfg Co vs Wickham Havens, Inc,
East Bay Home Builders, J David-
son and H L Wood.....\$455.39
July 18, 1914—LOTS 6 AND 7 Map
Part Estate Wm Tyson, Washington
T. Niles Lumber & Milling Co vs
C E Martenstein and F C Griffin
& Sons.....\$623.65
July 23, 1914—LOT 58 Map Resbvn
Peralta Park, Bkly. W S and John
Edward Cooper (Cooper & Son) vs
E B Fontaine and C M Blabon.....\$30
July 24, 1914—W CAMPBELL 54 S
9th S 54x102.6, Okd. Bay Elec Co
\$315.40; Oakland Wire Works, \$50;
C F Sinclair, \$168.50; Will J Cahill,
\$120 vs Cooper African Methodist
Episcopal Zion Church, J N Torres
and J B Rice (Torres & Rice).....

SAN JOSE & SANTA CLARA CLARA VALLEY.

HIGHWAY CONSTRUCTION—Cost
of stated. San Mateo Co., Cal. Engi-
neer, County Surveyor, Redwood City.
wners, San Mateo County. Bids will
be received on August 3rd by the Board
of Supervisors for constructing ap-
proximately 1.581 miles of highway
known as a portion of Route 6, Divi-
sions 1 and 2, San Mateo County High-
ways. Plans can be secured from the
county Clerk or County Surveyor at
Redwood City.

HOSPITAL COTTAGES—1 story,
frame and reinforced concrete. \$35,000.
gnews, Santa Clara Co., Cal. Archi-
tect, State Architect George B. McDou-
all, Sacramento. Owners, State of
California. Plans are now being pre-
pared for several cottages to be erect-
ed at the Agnews State Hospital, which
will replace the temporary buildings
erected just after the earthquake. Con-
struction will be similar to that of the
cottages recently erected at several
other of the State Hospitals. Plans
are now being prepared and further
attention will be made of the work
when bids are called.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

LOS GATOS NOVITIATE GROUNDS.
Alterations and additions to Novi-
tiate Building.

Owner.....Novitiate of the Sacred
Heart, Los Gatos, Cal.
Architect...Smith O'Brien, 1609 Hum-
boldt Bank Bldg., S. F.
Contractor...Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.
Filed June 9, '14. Dated June 9, '14.
On 1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$92,970
Bond, \$16,985. Surety, Globe Indemnity
Co. of New York. Limit, on or before
Dec. 15, 1914. Forfeit, \$20 per day.
Plans and specifications filed.

SE FOURTH AND SAN SALVADORE, San Jose. All work for one-story frame building.

Owner.....Mrs. E. A. Northaur, San
Jose.
Architect...L. T. Lenzen, 110 S-Second
St., San Jose.
Contractor...R. E. Carter, 347 S-10th
St., San Jose.
Filed July 3, '14. Dated July 3, '14
Frame up\$641.75
1st coat plaster on..... 641.75
When completed 641.75
Usual 35 days..... 641.75
TOTAL COST, \$2567.00
Bond, \$1284. Sureties, E. W. and O. E.
Schnabel. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

LOT 2 BLK 9, Los Gatos. All work for church.

Owner.....Union Church, Los Gatos.
Architect...Bliss & Faville, Balboa
Bldg., San Francisco.
Contractor...Chas. Pedersen, S. F.
Filed July 9, '14. Dated July 10, '14.
Frame up\$662.50
When shingled 662.50
When completed 662.50
Usual 35 days..... 662.50
TOTAL COST, \$2650.00
Bond, \$1325. Surety, National Surety
Co. Limit, on or before Nov. 6, 1914.
Forfeit, \$5. Plans and specifications
filed.

LOT 4 BLK 69, Naglee Park Tract, San Jose. All work for frame cottage.

Owner.....T. K. Melbye, San Jose.
Architect...J. A. Weldon, 639 Willis
Ave., San Jose.
Contractor...C. Rasmussen, 58 W-Santa
Clara, San Jose.
Filed July 10, '14. Dated July 10, '14.
Frame up\$575
1st coat plaster on..... 500
Building completed 500
Usual 35 days..... 500
TOTAL COST, \$2075
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

ON SOUTH ELEVENTH ST., San Jose. All work for six-room bungalow.

Owner.....Mary A. Pittott, 47 N-14th
St., San Jose.
Designer...J. A. Wagner.
Contractor...J. A. Wagner, 320 S-16th
St., San Jose.
Filed July 12, '14. Dated July 2, '14.
Frame up\$650
1st coat plaster on..... 650
When completed 650
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, \$300. Sureties, Mary L. Russell
and Carrie P. Fowler. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

NE LOCUST AND SAN FERNANDO, San Jose. All work except plumb- ing, tinning, gas fitting and sky- lights for two-story frame building.

Owner.....F Chippie, 234 W-Santa
Clara, San Jose.
Architect...L. T. Lenzen, 110 S-2nd,
San Jose.
Contractor...Sherrebeck, Butter &
Schirle.

Filed July 15, '14. Dated June 27, '14.
Frame up\$1982.00
1 coat plaster on..... 1980.00
When completed 1982.00
Usual 35 days..... 1982.50
TOTAL COST, \$7927.00
Bond, \$3965. Surety, Pacific Coast
Casualty Co. Limit, 125 days. Forfeit,
none. Plans and specifications filed.

LOTS 10 AND 11 BLK 13, Bush Ave. Hanchett Park Tract, San Jose. All work for two-story residence.

Owner.....C. H. Mockhee, San Jose.
Engineer...E. V. Cobby.
Contractor...P. J. Schmidt, 1222 Delmas
Ave., San Jose.
Filed July 17, '14. Dated July 6, '14.
30, 60, 90 days from date of con-
tract, contractor to receive 75%
of value of work and materials
furnished
Usual 35 days, remaining 25%.....
TOTAL COST, \$9748
Bond, \$4875. Sureties, W. M. Stalker
and O. Seeman. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

LOT 8 OF THE WASHINGTON SUB. of Block 17 of the Cook & Branham Sub., San Jose. All work for one- story frame dwelling.

Owner.....Rose M. Chartier, 95 S-15th
St., San Jose.
Architect...None.
Contractor...San Jose Contract Mill &
Lumber Co., 60 Vine, S. J.
Filed July 18, '14. Dated July 17, '14.
Frame up\$500
1 coat plaster on..... 500
When completed 500
Usual 35 days..... 500
TOTAL COST, \$2000
Bond, none. Limit, 60 days. Forfeit,
\$25. Plans and specifications filed.

ELEVENTH AND SAN FERNANDO, San Jose Six-room cottage.

Owner.....J. A. Pillot.
Architect...None.
Contractor...J. A. Wagner, 320 S-16th
St., San Jose
COST, \$2600

NW FIRST AND AUBERY, San Jose. Two-story residence.

Owner.....Mrs. Falkus.
Architect...None.
Contractor...C. A. Thomas, 692 N-San
Pedro, St., San Jose.
COST, \$6000

NO. 340 S-ELEVENTH ST., San Jose. Seven-room cottage

Owner.....J. F. Clark, 308 S-11th,
San Jose.
Architect...Owner.
Day's work. COST, \$2000

NO. 723 GIFFORD, San Jose. Five- room bungalow.

Owner.....V. D. Brown.
Architect...None.
Day's work. COST, \$500

NO. 342 W-SAN FERNANDO ST., San Jose. Repair house.

Owner.....Vic Congemlla.
Architect...None.
Contractor...C. Delponit, 277 N-16th,
San Jose.
COST, \$800

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

NO. 229 S-FIFTEENTH ST., San Jose.
Five-room cottage.
Owner.....A. O. Kent, 146 S-22nd St.,
San Jose.
Architect...None.
Day's work..... COST, \$2000

ACCACIA AVE., 3rd Lot E of Poplar,
San Jose. Four-room bungalow.
Owner.....J. J. Hanson, 119 N-16th
St., San Jose.
Architect...Owner.
Day's work..... COST, \$1500

NO. 155 S-SEVENTENTH ST., San
Jose. Two-room addition.
Owner...Mrs. H. Murgotten, Prem.
Architect...None.
Contractor...Yates.
COST, \$500

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BATH HOUSE EQUIPMENT—Cost
not stated. San Rafael, Marin Co., Cal.
Architect, Thomas O'Connor, San Ra-
fael. Owners, City of San Rafael. Bids
are being called for on revised plans
for the mechanical equipment for the
Municipal Bath House at San Rafael.
The work will consist of water heat-
ing system, steam heat, power generat-
ing equipment, laundry equipment and
engine. Plans and specifications can be
had from the architect.

BRIDGE—Reinforced concrete. con-
struction. Cost not stated. Walnut
Creek, Contra Costa Co., Cal. Engineer,
County Surveyor Elam C. Brown, Mar-
tinez. Owners, Contra Costa County.
The bridge will cost between \$7,000 and
\$8,000, and will be erected near Walnut
Creek. Plans are complete and have
received the approval of the Board of
Supervisors. Bids are now being taken
and will be opened on August 3rd.
Plans and specifications can be secured
from the County Surveyor at Martinez.

EPILEPTIC COTTAGE—Frame and
concrete. \$18,140. Eldridge, Sonoma
Co., Cal. Architect, State Architect,
George B. McDougall, Sacramento.
Owners, State of California. Bids opened
on July 21st for the construction of
a cottage for epileptics at the Sonoma
State Home show Lewis Cereghino &
Son of San Francisco low at \$18,140.
They will probably be awarded the con-
tract. A complete list of these figures
will be found under the heading of
Marin, Contra Costa and Sonoma Coun-
ties in this issue.

NAVY SUPPLIES—Cost not stated.
Mare Island Navy Yard, Cal. The Navy
Department is now calling for figures
for furnishing the following supplies
to the Mare Island Navy Yard: Hard
red brick, Douglas fir, blocks, paint
cans, flake granite, lampblack, chrome
green, red bronze, sheathing copper,
medium billet and galvanized sheet
steel, rod and sheet brass, sheet copper,
brass and galvanized wrought pipe,
steel wire brushes, elbows, trees and
bushings. Bids will be opened on
August 11th. Full particulars can be
secured from the Commandant of the
Mare Island Navy Yard.

OFFICERS' BUNGALOWS—2, 1 story
and base, frame, \$3,500 each. Mare
Island, Cal. Architect, Public Works
Dept., Mare Island. Owners, United
States Government. The Navy Depart-
ment has authorized the preparation
of plans for two officers' bungalows
at Mare Island. Each building will

contain six rooms and bath. Interiors
will be finished in pine throughout.
Oak floors will be used in the principal
rooms. There will be open fire places,
and tile mantels. Bath rooms and
kitchens will have tile wainscot. Exter-
iors will be covered with rustic and
shingles. Plans are now being pre-
pared.

SCHOOL—1 story and base, frame.
\$12,000. Kentfield, Marin Co., Cal. Ar-
chitect, Erwin Schaefer, Plaza Bldg.,
Oakland. Owners, Kentfield School
District. The building has been de-
signed to contain four rooms and an
assembly hall. Interior will be fin-
ished in pine throughout with maple
floors in the class rooms. Blackboards
will be of composition. No heat will
be installed. Exterior of the building
will be covered with cement plaster on
metal lath. Working drawings are be-
ing prepared and figures will be
called for about August 5th. Further
mention will be made of the work at
that time.

SCHOOL—1 story and base, brick.
Cost not stated. Sonoma, Sonoma Co.,
Cal. Architect, A. C. Lutgens, 525 Mar-
ket street, S. F. Owners, Sonoma
School District. The building will con-
tain six class rooms, domestic science
and manual training departments and
assembly room. Interior will be fin-
ished in pine with maple floors in the
class rooms. A central heating system
will be installed. Exterior will be
faced with pressed brick. Bids were
opened on July 28th. A complete re-
port of the figures will be issued next
week.

LIBRARY—1 story and base, rein-
forced concrete. Cost not stated. Va-
caville, Solano Co., Cal. Architect, L.
M. Turton, Napa. Owners, Town of
Vacaville. The building has been de-
signed in the classic style and will
contain a large public reading room,
stack room and office of the librarian.
Interior finish will be of pine through-
out with maple floors in the reading
room. There will be a central heating
system and metal book stacks. Exter-
ior of the building will be faced with
cement plaster. Plans are complete
and figures will be called for shortly.

Bids Opeend For Epileptic Cottage.

Louis Cereghino & Son Present Low Bid
at a Little More Than The Appro-
priation, No Award.

(By Special Wire)

SACRAMENTO, CAL., July 21st, 1914
—Bids were opened today by the State
Board of Control for construction of
an epileptic cottage at the Sonoma
State Home at Eldridge. The building
will be concrete and frame. Louis
Cereghino & Son of San Francisco were
low at \$18,140. A complete list of the
figures follow:

Epileptic Cottage, Eldridge,	
Louis Cereghino & Son.....	\$18,140
Boxton, Dillon & Boxton.....	18,888
L. A. Rose.....	19,210
Monson Bros.....	19,437
E. C. Kenyon.....	19,650
R. S. K. MacMillen.....	20,335
Ward & Goodwin.....	25,480
F. L. Hansen.....	26,674

LOTS 4, 5 BLK "C" Point Richmond
Tct, City of Richmond. Excavation,
foundation, chimney, ventilators,
skylights, shingles, beams, scuttle,
plumbing, painting, plastering, etc.,
for two-story frame building.
Owner.....Louis Ragazzen.
Architect...None.

Contractor...A. W. Josselyn, 141 San
Pablo Ave., Richmond.
Filed July 16, '14. Dated June 26, '14.
Frame up\$1487
All outside wood work done and
rough plumbing in..... 1487
Roof on and building plastered. 1487
Building completed as per plans
and specifications and accepted
all bills shown to be paid...Balance
All extra labor and material
above contract price to be paid
for as the same progresses....

TOTAL COST, \$5948

Bond, limit, forfeit, none. Plans and
specifications filed.

S RICHMOND AVE., bet Oregon street
and Atchinson, Topeka & Santa Fe
Railroad in a generally southerly di-
rection through Potrero Hills and
Point Richmond to approximately
station 47492.48 of said highway sur-
vey, all being in City of Richmond.
Construction and completion of a
highway tunnel, together with neces-
sary property and structures there-
for for tunnel and highway.

Owner.....City of Richmond.
Engineer...P. A. Haviland, 310 San-
some St., San Francisco.
Contractor, Shattuck-Edinger Co., 268
Market St., San Francisco.

Filed June 16, '14. Dated Jan. 17, '14.
Progressive payments monthly 75%
Usual 35 days..... 25%

TOTAL COST, \$250,317.76

Bond, \$124,825.50. Surety, United States
Fidelity & Guaranty Co. Bond, \$62,
912.74; Surety, U. S. Fidelity & Guar-
anty Co. Limit, forfeit, none. Plans
and specifications filed.

S RICHMOND AVE., bet Oregon street
and the A T & Santa Fe R R in a
generally southerly direction through
the Potrero Hills and Point Rich-
mond, to Station 64 of said Highway
Survey, said station 64 being about
700 feet easterly from the most Sly.
ferry building at Ferry Pt. on Point
Richmond, all being in the City of
Richmond. Work provided for to be
done and the material, labor and
things necessary therefore be furnish-
ed, etc., for the acquisition, construc-
tion and completion of a highway
and tunnel, together with the neces-
sary property and structures there-
for.

Owner.....City of Richmond.
Engineer...P. A. Haviland, 310 San-
some, San Francisco.
Contractor, Moffett & Mead, Monad-
nock Bldg., S. F.

Filed July 16, '14. Dated June 3, '14.
Progressive payments monthly 75%
Usual 35 days..... 25%

TOTAL COST, \$76,153.70

Bonds, \$19,500 and \$39,000. Surety,
Massachusetts Bonding & Insurance Co
and J. P. Moffett & W. S. Mead, Limit,
forfeit, none. Plans and specifications
filed.

LOT 5 BLK 2, E. A. Smith's Shdyn No.
1 Rancho San Miguel. Furnish nec-

essary labor, materials, including tools, implements and appliances and all necessary work to complete five-room wood frame cottage known as plan No. 180, sheets 1, 2, 3, 4 together.

Owner.....Mrs. C. Harper, 689 24th St., Oakland.

Architect...W. C. Helms (Authorized).
Contractor...Wm. C. Helms, 1727½ Pelton St., S-Berkeley.

Filed July 7, '14. Dated June 16, '14.

Frame up\$500
Plastering completed on inside... 500

Building completed & accepted... 887
TOTAL COST, \$1887

Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MAJIN COUNTY.

RECORDED ACCEPTED

July 24, 1914—EAST SAN RAFAEL.

Arthur G Duncan to L L Allen....

.....July 23, 1914

July 23, 1914—YOLANDA COURT.

San Anselmo, Evangeline F Bug-

bee to whom it may concern.....

.....July 17, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

ROAD BRIDGE—Reinforced concrete and steel. Cost not stated. Waterford, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans are complete and have been approved for the construction of a reinforced concrete and steel road bridge to be erected near Waterford. Bids are now being taken and will be opened on August 10th. Plans and specifications can be secured from the engineer.

GRAIN ELEVATOR—Frame and concrete, \$15,000. Fresno, Fresno Co., Cal. Engineer, Leland S. Rosner, Merchants' Exchange Bldg., S. F. Owners, Sperry Flour Co. The building will cover a considerable ground area and will be practically fireproof. The estimated cost does not include special machinery which will be installed. Exterior of the elevator will be covered with cement plaster. Plans have been prepared and work will be started at once.

LIBRARY—1 story and base, reinforced concrete, \$7,000. Clovis, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Town of Clovis. Competitive plans of Glass and Butner have been accepted for the new library building. There will be two reading rooms, librarian's office and stack rooms. Interior finish will be of pine with maple floors. There will be a central heating system. Metal book stacks will be specified. Exterior of the building will be faced with cement plaster. Working drawings are now being prepared. Further mention will be made of the work when figures are called.

BAKERY—2 story and base, brick, \$30,000. Bakersfield, Kern Co., Cal. Architect's name not given. Owners, T. J. Cornish Co. The building will cover an area of 50 by 100 feet and will be of fireproof construction. The latest and most approved sanitary equipment and machinery will be installed. Interior finish will be of pine.

Considerable tile wainscot will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL ADDITIONS AND REPAIRS—Cost not stated. Modesto, Stanislaus Co., Cal. Architect, none. Owners, City of Modesto. Bids will be opened on July 30th for two small temporary school buildings, an addition to the manual training room at the High School and a small building at the Sixth street grounds. Plans and specifications can be secured from the Secretary of the Board of Education, Modesto.

GYMNASIUM AND SERVICE BUILDING—2½ story, brick, \$12,000. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Oakdale High School District. The building has been designed to contain a gymnasium, service department and auditorium, and will be erected on the High School grounds. Interior finish will be of pine. There will be steam heat and special gymnasium equipment. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—2 story and base, brick and concrete. Cost not stated. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Bids will be opened on September 8th for a two-story class room and auditorium building at the High School. Separate bids will be taken for the general construction and for the heating, ventilating and plumbing. Details of the work have not been received but can be obtained from the architect.

HOTEL—2 story and base, brick, \$18,000. Turlock, Stanislaus Co., Cal. Architect, L. K. Condralian, Fresno. Owner, A. Toprahanian. The building will be erected at the corner of Main and Broadway and will contain four stores on the first floor. Upper floor will be arranged for 30 guest rooms and several baths. Interior finish will be of pine throughout. Patent store fronts are specified. There will be a hot water system. Bath rooms will have tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES—1 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owner, Frank H. Ball, 914 J street, Fresno. The building will be erected at the corner of Kern and J streets, covering an area of 50 by 150 feet. There will be eight modern stores. Interiors will be finished in pine throughout. Some hardwood will be used in the display windows. Patent store fronts are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the owner.

THEATRE—2 or 3 story and base. Class A construction, \$75,000. Fresno, Fresno Co., Cal. Architect, B. Marcus Predica, Empire Bldg., Seattle. Owner, Alexander Pantages. Mr. Pantages has secured a site in the heart of the business section and will erect a fireproof theatre building with offices on the upper floor. Details of construction have not been settled. Further mention of the work will be made shortly.

BUILDING CONTRACTS.

FRESNO COUNTY.

SW COR. LOT 76 Reeding Villa, Cal. Plaster work and marble base for crematory.

Owner.....California Cremation Society of Fresno.

Architect...Cunningham & Polite, 1st National Bank Bldg., S. F.

Contractor...W. J. Biddle, 5671 Dover, Oakland.

Filed July 17, '14. Dated July 2, '14.

One-half done\$825

All work done..... 825

Usual 35 days..... 520

TOTAL COST, \$2200

Bond, \$1100. Surety, Pacific Coast

Casualty Co. Limit, 50 working days.

Forfeit, \$10 per day. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGES—2 reinforced concrete and steel. Cost not stated. Butte Co., Cal. Engineer, County Surveyor, Oroville. Owners, Butte County. Plans have been approved for the construction of two new county bridges. One bridge will be erected across Big Chico Creek, and will be 50 feet long and 45 feet wide. The other structure will be erected about 8 miles west of Durham and will be 260 feet long. Bids are now being taken for both of these structures and will be opened on August 7th. Plans and specifications can be secured from the engineer.

BRIDGES—3, wood construction. Cost not stated. Mendocino Co., Cal. Engineer, County Surveyor, Ukiah. Owners, Mendocino County. Plans are complete and figures are now being taken for the construction of three wood road bridges in Mendocino County. Bids will be opened on August 4th. Plans and specifications can be secured from the engineer.

COURT HOUSE YARD WORK—Cost not stated. Sacramento, Cal. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. Plans are complete and figures are being taken for improvements to the Court House grounds. The work will include paving and landscape gardening. Bids are now being taken and will be opened on August 5th.

SHEDS—1 story, steel and frame. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, W. B. Thomas, Yosemite Bldg., Stockton. Owners, City of Stockton. Plans have been completed and figures are now being taken for the construction of 150 feet of steel frame sheds along the Stockton waterfront. No interior finish will be used. Exterior of the sheds will be covered with corrugated iron. Plans can be secured from the engineer.

FLATS—2 story and base, frame, \$4,000. Sacramento, Cal. Architect, none. Owner, E. Gravel, 3015 J street, Sacramento. The building will be erected at 3015 J street, and has been designed to contain two flats of five rooms each. Interiors will be finished in pine with some oak floors. Each living room will have a large open fire place. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.



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HOTEL ALTERATION—2 story and base, brick, \$12,500. Stockton, San Joaquin Co., Cal. Architect, none. Owner, J. C. Craine, 27 South El Dorado street, Stockton. The present building will be remodeled into an up-to-date rooming house. The first floor will contain stores besides the hotel entrance. There will be new painting, plastering, electric work and carpentry. A steam heating system and hot water supply will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be carried on by Day Labor.

HOTEL—4 story and base, brick and steel, \$50,000. Lodi, San Joaquin Co., Cal. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owners, Lodi Hotel Co. The building will be erected on a corner site and will contain stores and the hotel dining room and lobby on the first floor. Upper floors will be arranged for in the neighborhood of 100 guest rooms and a number of public and private baths. Interior finish will be of pine with some hardwood veneer and ornamental plaster. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile with composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. A contract for the structural steel has been awarded the Ralston Iron Works, S. F., for \$5,000, and figures will be taken at once for the balance of the work.

GARAGE—1 story, concrete block construction, \$2,500. Sacramento, Cal. Architect, none. Owner, H. C. Muddox. The building has been designed for a private garage and will be erected on 30th street. Interior will be finished in pine. There will be a cement floor. Exterior of the building will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

BRIDGES—12 reinforced concrete. Cost not stated. Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans have been completed and are now out for figures for 12 small bridges and culverts to be erected in the various road districts of Colusa County. Separate figures will be taken for each bridge or culvert. Bids will be opened on August 4th. Plans and specifications can be secured from the County Surveyor.

LIBRARY—1 story and base, reinforced concrete, \$10,000. Corning, Tehama Co., Cal. Architect, Clarence L. Stiles, 2416 Parker street, Berkeley. Owners, Town of Corning. The building has been designed in the classic style and will contain two reading rooms, office for the librarian and

stack room. A central heating system will be installed. Interior of the building will be finished in pine with some maple floors. Metal book stacks will be used. Exterior of the building will be faced with cement plaster. Working drawings are complete and figures are now being taken. Bids will be opened on August 13th. An official proposal appears in another column of this issue.

HIGHWAY CONSTRUCTION—Cost not stated. Shasta Springs, Siskiyou Co., Cal. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. Bids will be opened on August 4th for constructing the county road known as the Shasta Springs-McCloud Cut-off. Plans and complete information can be secured from the County Surveyor or County Clerk.

RESIDENCE—2 story and base, frame, \$3,000. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner's name withheld. The dwelling will be erected in Cherokee Lane, and has been designed for a six-room house with bath. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

BUNGALOW—1 story, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, D. Lamorne, 4219 Stanford avenue, Sacramento. The dwelling will be erected in the Wright & Kimbrough Tract, and has been designed for a six-room house. Interior will be finished in pine throughout. There will be open fire place and tile mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SCHOOL ADDITION—1 story, frame, \$5,000. French Camp, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, French Camp School District. The work will be in the nature of an addition of two class rooms to the present school. Interior will be finished in pine. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL—1 story and base, frame, \$5,000. Tracy, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Tracy District School Trustees. The building will contain two class rooms. Interior will be finished in pine. There will be

E. H. Williams

Chalmer Munday

Munday & Williams

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composition blackboards. Exterior of the building will be covered with rustic. Plans are now being prepared.

THEATRE—2 or 3 story and base. Class A construction, \$75,000 to \$100,000. Stockton, San Joaquin Co., Cal. Architect, E. Marcus Pretica, Empire Bldg., Seattle. Owner, Alexander Pantages. Mr. Pantages has announced the selection of a site in the business district and states that he will start the construction of a modern theatre building within a few months. Details of the building and the exact location have not been made public. Further mention will be made of the work as the plans progress.

JAIL—2 story and base, reinforced concrete, \$10,000. Woodland, Yolo Co., Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Yolo County. The Supervisors recently secured a site for the new building at the northeast corner of Court and 3rd streets. Construction will be fireproof throughout. The present jail building has been condemned as unfit and construction will be rushed. The building will contain separate wards for male and female prisoners, office of the Sheriff and a large guard room. Interior finish will be of pine. There will be steam heat and a modern system of ventilation and a hot water supply. Special jail equipment will be installed. Exterior of the building will be faced with cement plaster.

BUNGALOW—1 story and base, hollow tile, \$4,500. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner, V. Grey. The house will contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are complete and work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$3,350. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner's name withheld. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine with some hardwood floors and hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

Contracts Awarded.

BRIDGE—Reinforced concrete, \$68,800. Yuba City, Sutter Co., Cal. Engineer, County Surveyor, Yuba City. Owners, Sutter County. Contractors, Blake Bros., Oakland. Contract price, \$68,800.

TRESTLE—Timber construction. Cost not stated. Yolo, Yolo Co., Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Graff Construction Co., Seattle. Contract price, \$239,703.80.

YOLO, YOLO CO., CAL.—Trestle. timber construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Graff Construction Co., Seattle. Contract price, \$239,703.80.

RAILROAD CONSTRUCTION—Cost not stated. Sheridan, Placer Co., Cal. Engineer's name not given. Owners, Dairy Farm Mine Co. Contractors, Alta Construction Co. Contract price not given. Note: The road will be seven miles long, narrow gauge and will connect Sheridan with the Dairy Farm Mine.

HIGHWAY CONSTRUCTION—\$166,216.10. Shasta Co., Cal. Engineers, California State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Palmer-McBride Construction Co., S. F. Contract price, \$166,216.40.

Yuba City Bridge Contract Awarded.

Sutter County Supervisors Award Bridge Contract to Blake Bros., of Oakland, for \$68,800.

YUBA CITY, Sutter Co., Cal., July 21, 1914—Bids were opened on July 20th by the Board of Supervisors for the construction of a concrete bridge across the Butte Slough. Blake Bros., of Oakland, submitted the lowest figure for the work at \$68,800 and were awarded the contract. The structure will be 1920 feet long carried on 40 foot spans. The work is to be completed in Ross Con Co., Sacramento..... \$9,231 mitted were as follows:

Yuba City Bridge Work

Blake Bros., Oakland.....	\$68,800
Dunnivant-Houghton-Van Sant	
Co., San Francisco.....	76,300
Ross Con. Co., Sacramento.....	89,231
Sound Con. & Eng. Co., S. F.....	72,800

If the State Reclamation Board agrees to build the approaches, abutments and 400 feet of proposed extension to the bridge it will reduce the cost by \$5,430.

Shasta Co., Div. 2, Route 3, Sees. B2 & C	
Palmer & McBryde Constr.	
Co., San Francisco.....	\$166,216.40
Carnahan & Mulford, S. F.....	168,477.68

Award Contracts On Trestle And Roads.

State Highway Commission Awards Contracts For Yolo Trestle and Highway Work in Shasta.

SACRAMENTO, CAL. July 21, 1914.—Bids were opened by the State Highway Commission and contracts were award-

ed for construction of the Yolo Basin Trestle and for construction of Division 2, Route 3, Sections B2 and C of the State Highway in Shasta County.

Graff Constr. Co., of Seattle, were awarded the contract for the Yolo Trestle on their bid of \$239,703.80. The engineer's estimate for the work was \$218,385.63.

Palmer & McBryde Constr. Co., of San Francisco, were awarded the contract for Division 2, Route 3, Sections B2 and C of the State Highway in Shasta County on their bid of \$166,216.40. The engineer's estimate was \$168,477.58. Following is a list of the bids submitted:

Yolo Trestle Work.

Graff Constr. Co., Seattle.....	\$239,703.80
Dunnivant-Houghton-Van Sant	
Co., San Francisco.....	243,977.35
Sound Con. & Eng. Co., S. F.....	245,309.00
Mahony Bros., S. F.....	260,868.35

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

SIERA AVE near Sacramento Ave. 1 W 49 feet Lot 55, H J Goethe Co. Ad'n P, Sacramento. One-story 5-room frame dwelling.

Owner.....H. F. Carstens, 1831 I St., Sacramento.

Architect...None.

Day's work. COST, \$1800

W ½ LOT 2, H. L. 16TH AND 17TH Sts., Sacramento. Repair dwelling.

Owner.....W. C. Lowry, 1610 K St., Sacramento.

Architect...None.

Contractor...G. W. McKay, 1018 T St., Sacramento.

COST, \$500

NO. 2315 Q ST., W ½ LOT 6, P. Q. 23rd and 24th Sts., Sacramento. One-story frame private garage in rear.

Owner.....J. Lauffer, 2812 X St., Sacramento.

Architect...None.

Contractor...W. R. Saunders, 2810 I St., Sacramento.

COST, \$400

LOT 79, Mont Clair Tract, Sacramento. Remodel frame dwelling.

Owner.....J. McFarlane, 801 Mont Clair Ave., Sacramento.

Architect...None.

Day's work. COST, \$500

LOT 16 J ST. SUB TCT NO. 3, Sacramento. Alter dwelling.

Owner.....Annie M. Taylor, 1524 J St., Sacramento.

Architect...None.

Contractor...M. Ahrendale, East Sacramento.

COST, \$250

SCHLEY AVE, E 39 feet of W ½ of S ½ LOT 12, Edwin Tullar Tract, Sacramento. One-story store and dwlg.

Owner.....J. Cayocia, Box 816 Catherine Ave., Sacramento.

Architect...None.

Day's work. COST, \$250

RIDGE ST., near Upper Stockton Road. Lot 284, Wright & Kimbrough Tract

14, Sacramento. One-story 5-room dwelling.

Owner.....D. Lamorne, 4219 Stanford Ave., Sacramento.

Architect...None.

Day's work. COST, \$1950

NO. 3017 J ST., W ½ Lot 6, I, J, 30th and 31st Sts., Sacramento. Two flats

Owner.....E. Gravel, 3015 J St., Sacramento.

Architect...None.

Day's work. COST, \$4000

NO. 2811 T ST., S ½ of N ½ Lot 5, U, V, 23rd and 24th Sts., Sacramento.

Erect dwelling.

Owner.....Thomas P. Rogers.

Architect...None.

Contractor...Robert Powell, 2811 T St., Sacramento.

COST, \$2500

NO. 2120 TWENTY-FOURTH S ½ of N ½ Lot 5, U, V, 23rd and 24th Sts; S ½ of N ½ Lot 5, U, V, 23rd & 24th Sts., Sacramento. One-story five-room residence.

Owner.....Thomas P. Rogers.

Architect...None.

Contractor...Robert Powell & Co., 2811 T St., Sacramento.

COST, \$2500

NOS. 1112-1114 THIRTIETH ST, S ¼ Lot 4, K, L, 29th and 30th Sts., Sacramento. Concrete block private garage.

Owner.....H. C. Muddox.

Architect...None.

Day's work. COS, \$2000

NO. 3124 MAGNOLIA AVE., S 40 feet Lot 73 Shdyn B, South Sacramento.

One-story five-room dwelling.

Owner.....Lizzie B. Thomas, Colonial Heights, Sacramento.

Architect...None.

Contractor...J. A. Shumate.

COST, \$1500

LOT 19, Riverla No. 1, Sacramento. Erect dwelling.

Owner.....Antone Koch, Freeport Road, Sacramento.

Architect...None.

Contractor...Henry M. Koch, 2114 33rd, Sacramento.

COST, \$2000

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

SONORA, bet Aurora and Sacramento, Lot 8, Stockton. Erect brick pattern shop, storage and loft.

Owner.....Holt Mfg. Co., Aurora and Church Sts., Stockton.

Engineer...Engineer of Holt Mfg. Co.

Contractor...Healy Constr. Co., 527 E. Anderson St., Stockton.

COST, \$4000

SACRAMENTO, bet Lafayette and Sonora, Lots 9, 11, 12, 15, 16, Stockton. Corrugated iron foundry.

Owner.....Holt Mfg. Co., Aurora and Church Sts., Stockton.

Architect...R. P. Morrell, I. O. O. F. Bldg., Stockton.

Contractor...Healy Constr. Co., 527 E. Anderson St., Stockton.

COST, \$13,000

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
July 17, 1914—S ½ LOT 15, SEC 20,
T. 6, R. 7, Sacramento. H F Hend-
ricks vs Schwarer & Lancaster.\$391.15

LOS ANGELES AND SOUTHERN CALIFORNIA.

HOSPITAL LAUNDRY BUILDING—1 story, brick and concrete, \$18,000. Patton, San Bernardino Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 22nd for the construction of a laundry building at the Southern State Hospital at Patton show Mulder & Harnish of Los Angeles low at \$17,389. They will be awarded the work. A complete list of these figures will be found under the heading of Los Angeles and Southern California in this issue.

APARTMENT HOUSE—2 and 3 story and base, brick, \$30,000. Los Angeles, Cal. Architect, Edward C. Taylor, Consolidated Realty Bldg., L. A. Owners, Southern California Brick Co. The building will be erected at the corner of Stephenson and Soto streets, covering an area of 157 by 85 feet. There will be a total of 100 rooms, divided into two and three room suites. Interiors will be finished in pine and hardwood. Plans provide for steam heat, and a hot water system. All suites will have wall beds and private bath rooms. Entrance will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are nearly complete and the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, Central Bank Bldg., L. A. Owner, Mrs. Allie Tompkins. The building will be erected on 6th street near Burlingame and has been designed to contain 52 rooms, which will be arranged in two and three room suites. All apartments will have wall beds and private bath room. Interior finish will be of pine with some elm panels. There will be steam heat, automatic elevator and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans have been revised and new figures will be called for shortly.

HOTEL—5 story and base, Class B construction, \$160,000. Los Angeles, Cal. Architect, Arthur Lindley, Hollingworth Bldg., L. A. Owner's name withheld. The building will be erected on Gladys avenue near 4th street, and will cover an area of 100 by 100 feet. There will be a complete steel frame and brick exterior walls. There will be a total of 150 guest rooms with about 25 per cent baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and not water supply. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

HOTEL—3 story and base, brick, Cost not stated. Los Angeles, Cal. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Robert G. Seiler. The building will be erected on South San Pedro street, covering an area of 42 by 122 feet. There will be two stories on the first floor besides the hotel office. Upper floors will contain a total of 50 guest rooms and several public baths. Interior finish will be of pine through-

out. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now complete and figures are being taken.

PIER AT SCHOOL—Concrete construction. Cost not stated. La Jolla, San Diego Co., Cal. Architect's name not given. Owners, Regents of the University of California. Bids were opened by the Regents of the University of California for construction of a pier and other work in connection with the development of the Biological Research Institute at La Jolla. A complete list of all bids, together with the alternate propositions, will be found under the heading of Los Angeles and Southern California in this issue.

SCHOOL—1 story and base, brick and hollow tile, \$10,000. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Redondo Beach School District. The building will contain ten class rooms, manual training and domestic science departments and an auditorium seating 100 people. Interior will be finished in pine with maple floors in the class rooms. A central heating system, storage rooms, etc., will be located in the basement. Plans provide for modern school plumbing and electric work. Exterior of the building will be faced with ruffled brick and cement plaster. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, Central Bldg., L. A. Owner, Isadora Cohn, Contractor, George A. Ward, Grant Bldg., L. A. Contract price not stated.

OFFICE BUILDING—12 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Bldg. Co. Contractors, F. O. Engstrom Co., 3th and Sexton streets, L. A. general construction. Cost not stated.

Bids For Biological Institute For U. of C

Regents Open Figures For New Pier And Other Work at Institute at La Jolla, San Diego Co.

Bids were opened by the Regents of the University of California at Berkeley for the construction of a reinforced concrete pier at the Scripps Institute for Biological Research at La Jolla, San Diego County. Following is a complete list of the bids:

Item 1. Pier with moulded reinforced concrete piles.

Alternative. Pier with steel piles, surrounded with concrete shell.

Item 2. Pumping equipment, piping, etc., complete.

Item 3. Concrete storage reservoir.

Item 4. Sea wall complete.

Item 5. Grading back of sea wall.

MERCREAU BRIDGE & CONSTR. CO. 471 Pacific Electric Bldg., Los Angeles

Certified check	\$ 1,000
Item 1	30,965
Alternative	36,847
Item 2	2,410
Item 3	4,347
Item 4	8,195
Item 5	1,846

Will complete by March 31, 1915.

R. P. SHIELDS & SON,
1102 American National Bank Bldg.,
San Diego, Cal.

Certified check	\$ 1,000
Item 1	37,230
Alternative	35,560
Item 2	2,100
Item 3	14,500
Item 4	11,984
Item 5	950

Will complete by November, 1914.

MESMER & RICE,
417 W. P. Story Bldg., Los Angeles.

Certified check	\$ 1,000
Item 1	34,124
Alternative	30,787
Item 2	2,170
Item 3	2,228
Item 4	5,685
Item 5	977

Will complete work except pier within 120 days. Pier completed by July 15, 1915. Add \$1500 if pier is to be completed this fall.

RUSSELL, GREENE, FOELL CO.,
816 Higgins Bldg., Los Angeles, Cal.

Bond of American Surety Co. of

New York	\$ 1,000
Item 1	28,155
Alternative	
Item 2	2,416
Item 3	5,252
Item 4	5,565
Item 5	1,105

Will complete by December 1, 1914.

TROUNCE & STOECKER,
419 Owl Bldg., San Diego, Cal.

Certified check	\$ 1,000
Item 1	28,830
Alternative	25,800
Item 2	3,500
Item 3	2,500
Item 4	7,790
Item 5	984

Will complete by December 31, 1914.

Alternative to regular bid. All work exclusive of pier for the sum of \$14,000, provided we are awarded pier at actual cost plus ten per cent.

HOLLAND CONSTRUCTION CO.,
270 Granger Bldg., San Diego, Cal.

Certified check	\$ 1,000
Item 1	
Alternative	
Item 2	
Item 3	2,940
Item 4	5,403
Item 5	

Will complete by November 1, 1914.

B. E. BOYD,
958 7th Street, San Diego, Cal.

Certified check	\$ 2,000
Item 1	38,500
Alternative	27,000
Item 2	1,850
Item 3	7,400
Item 4	11,200
Item 5	1,000

Will complete by December 31, 1914.

CHAS. W. CORBALEY,
719 H. W. Hellman Bldg., Los Angeles, Cal.

American Surety Co. Bond	\$ 1,000
Item 1	37,500
Alternative	1,200
Item 3	5,900
Item 4	6,125
Item 5	350

Will complete by December 31, 1914.

Bids Opened For
Patton Hospital.

Mulder & Harnish Present Lowest Bid.

(By Special Wire).
SACRAMENTO, CAL., July 22, 1914—
The bids which were opened today by
the State Department of Engineering
for the construction of the Laundry
Building for the Southern State Hospi-
tal at Patton, show Mulder & Harnish
the lowest bidders. A full list of bid-
ders follows:

Laundry Building, Southern State Hospital	
Mulder & Harnish.....	\$17,389
The Klasing Co.....	18,535
S. K. MacMillen.....	18,955
Rounce & Stocker.....	19,550
Finzel Constr. Co.....	22,340
Frank M. Walcom.....	19,945
Resmer Mfg. Co.....	22,000
Robert C. Kelly.....	22,240

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and
base, frame, \$25,000. Astoria, Ore. Ar-
chitects, Houghtaling & Dougan, Henry
Bldg., Portland. Owners, F. A. Merrill
et al. The building will cover an area
of 60 by 85 feet, and will be arranged
for a number of two and three room
apts. Interiors will be finished in
tile throughout. Plans provide for
steam heat, an automatic elevator and
hot water system. Bath rooms will
have tile wainscot and composition
doors. Wall beds will be used in all
apts. Exterior of the building will
be covered with cement plaster on
metal lath. Plans are nearly complete
and figures will be called for at once.

SCHOOL ADMINISTRATION BUILD-
ING—2 story and base, reinforced con-
crete and brick, \$100,000. Salem, Ore.
Architect, W. C. Knighton, Salem.
Owners, State of Oregon. The building
will form a part of the group of the
State University buildings. Construc-
tion will be fireproof. Other details
of construction have not been given
yet. Exterior will be faced with
pressed brick and terra cotta. Plans
will be ready for figures about the first
week in August.

SEATTLE AND WASHINGTON.

CANAL MACHINERY AND VALVES
not stated. Seattle, Wash. En-
gineer, Major J. B. Cavanaugh, Burke
Bldg., Seattle. Owners, United States
Government. Plans are complete and
figures are now being called for furnish-
ing and installing machinery and
valves for the Lake Washington Canal.
Plans will be opened on August 10th.
Plans and specifications can be secured
from the engineer in charge, Burke
Bldg., Seattle. An official proposal ap-
pears in another column of this issue.

Contracts Awarded.

RESIDENCE — 2 story and base,
reinforced concrete. Cost not stated.
Seattle, Wash. Architects, Rebb &
Hild, Denny Bldg., Seattle. Owner, J.
Blodell. Contractors, Johnson Bros.,
5 Thackeray Place, Seattle. Contract
cost not stated.

The House of Representatives has
passed the bill to appropriate \$500,000
for the Exposition. So far the exposi-
tion seems to have moved along with
more than the ordinary degree of suc-
cess. Aside from the fact that most
of the contractors have had more or
less difficulty with the management the
buildings have progressed rapidly and
now the whole grounds are beginning
to assume form and shape. The Ex-
position will be ready, and it will be
ready on time.

The report of the Savings Banks
show that there is more than 200
million dollars on deposit in such
banks in San Francisco. This shows
that the working people and the mid-
dle classes are enjoying a fair degree
of prosperity. The fruit crop in Cali-
fornia is good, there is every indica-
tion that other crops will be abundant.
Good prices prevail in the main. The
people complaining is big business and
the results from the governmental re-
forms that have loosened the clutches
that has given it unfair advantages
heretofore.

The money that has been controlled
by big business in these unfair chan-
nels is now inactive. The howl is
going up that the reforms are injuring
business. The only injury that is be-
ing done is that through necessary re-
adjustment of conditions. The country
is prosperous, there are good crops gen-
erally, good prices prevail and there
is plenty of money in the banks. The
facts testify to the correctness of the
President's statement that the business
depression is purely psychological.

The practice inaugurated a few years
ago by the Superintendent of Docu-
ments, at Washington, of issuing
separate classified price lists of the
publications offered for sale by his
office has been continued and developed,
until upward of fifty of these useful bi-
bliographies are now available. Most
of them have been issued in numerous
editions, and thus kept up-to-date.
Selecting a few of these lists at ran-
dom, we find that they deal with such
varied subjects as "Food and Diet,"
"Fishes," "Indians," "Geography and
Explorations," "Plant Life," "Mines and
Mining," "Alaska," etc. Each pamphlet
contains the titles of hundreds of
government publications, grouped
under appropriate sub-headings, which
are arranged alphabetically.

So far as the Get-the-Johnson
League is concerned things seem to be
going on according to schedule. Thurs-
day Johnson had broken with ex-
President Roosevelt; Friday the Su-
preme Court had discovered fraud in
the petitions circulated on behalf of
State Senator Powers. And we may
confidently expect the Otis-Spreckels-
De Young contingent to publish some-
thing of a similar nature from now
on throughout the campaign.

Some months ago Governor Johnson
announced that a large fund had been
raised to produce this sort of news for
publication; that a man had been hired
and placed at Sacramento for that
purpose, and gave his name. And the
fact now is proven by the publications
that are being made. And when the
facts are finally known about the
registration in Alameda County it will
probably develop that it was all a con-
cocted scheme.

These are the tricks of the politician

from time immemorial. Whenever
any one is corrupted it is through his
self interest. Crimes are not com-
mitted for the public good. In the
very nature they wrong the public.
And the self seeking politician forever
plays on the fears, the prejudice, and
the self interest of the individual to
place him in control and then he loots
the public treasury.

When Otis and De Young and Spreck-
els and every other politician that
was responsible for the reign of graft
unite, when everyone identified with
the policies and the principles that
permits Calhoun to steal 5 million dol-
lars from a public service corporation
and then applauds him as a foremost
citizen; when every one that holds up
J. P. Morgan as the greatest patriot
of his country when the facts show
that he wrecked railroads and despoiled
honest people of their property;
when all these combine to beat John-
son and the principles on which he
stands, it is pretty clearly shown on
whose side the people themselves
should stand.

James Hogue, the train bandit, was
promptly convicted by the jury in his
case. Which was the only thing that
could be done. For he shot a man,
traveling peacefully with his family.
The Bulletin would have had him go
scot free, because he was out of a job
and had a wife and family. In other
words any body out of a job is at
liberty to take the life of the defence-
less and law abiding citizen because
society has wronged him. Such doc-
trines preached and promulgated are
more anarchistic in their nature than
those of the most avowed anarchists.
There is no protection of life or prop-
erty in such preaching, no attempt to
indicate how organized society could
exist under the conditions. Its only
result could be anarchism and a reign
of terror

In the passing of Victoriano Huerta,
the American administration has seen
the fulfillment of its most persistently
uttered wish. Whether the adminis-
tration has done much itself toward
this result, or whether the watchful
waiting has merely accompanied the
natural forces that have finally
brought about the end of this dictator
— of this, perhaps, history, alone can
form a clear judgment, and in history
we are not so much interested. It
appears on the surface that Huerta has
been chased out of the Presidency by
Carranza and the combined Con-
stitutionalist forces, who have acted
pretty much independently of all out-
side interests.

The course of conduct outlined by
the administration will call for prob-
ably many weary months or more of
watchful waiting yet. Carranza has
persistently refused to permit himself
to be put in the position either of
treating with Huerta or of being sus-
pected of being a "friend of the United
States." Among a large class of Mex-
icans this would effectually kill his
popularity, so he must pursue his
course of conquering a way into the
capital, rather than having it passed to
him on a platter by his would-be
friend of the Rio Grande. But if Car-
ranza forces his way into the capital
now, the American administration
must refuse him recognition until he
or some one else is regularly elected
President of Mexico, and when that

will be no one has the courage to predict.

An ominous forecast of what is to come was foretold in the capture of a Constitutionalist garrison at Palomas by enemies of the Carranza movement. With the Constitutionlists in power at Mexico City, if the next uprising is not led by Villa, it may be by Maytorena or some other insurgent leader to rise from the obscurity that produced these men. The forces of discontent in Mexico are not single and therefore are not to be satisfied by the success of a single man or group of men. We will have to watch and wait, probably for several years to come before a man will rise in Mexico forceful enough to crush all opposition that he cannot attract to himself.

The agency that must be credited to the American administration in the downfall of Huerta is the cutting down of credit. The warfare of the last three years has consumed most of the chattel wealth of the republic, but its great natural wealth still remained and was mortgageable. Left alone, Huerta and his theoretically legal congress might have discounted the future of the fields and mines and pastures of Mexico for generations in order to borrow enough money to shoot a few more peons. European financial gamblers stood ready to advance more coin at an enormous rate of interest. It was the stand of the United States in virtually cutting off Huerta's credit that reduced him to the necessity of drawing upon the hoards of his own capital. When all that he could obtain by forced loans had gone and with it the little reminder of his popularity, he had to quit.—Fresno Republican.

There is not so much sneering, as there was a while ago, over the Wilson policy of "watchful waiting." Looks as if "the Schoolmaster" may come out ahead regarding Mexico, doesn't it?

And if peace and order shall be brought about in that country without war with the United States it will deserve to rank as a great achievement for the Administration at Washington.

Nothing succeeds like success.—Sacramento Bee.

GIBRALTAR'S SEARCHLIGHT BATTERY.

For ships to pass around Gibraltar, England's and the world's greatest fortress, without being observed even at night is a practical impossibility, owing to the great battery of searchlights arranged along the bottom of the rocks. A ship running either in or out runs into one of the fixed beams of light and is revealed. A moving beam of light then follows her until the lookout officers are satisfied as to her intentions.—Exchange.

SENSATIONAL TRIAL IN PARIS FOR MURDER.

The trial of Madame Caillaux in Paris, for the murder of Editor Calmette of Le Figaro, is affording a serial story of interest throughout the world.

The daily installments are full of sensations, for a French trial is a

very different affair from the comparatively dull procedure in English or American Courts.

The French method is highly theatrical. The Judge questions the accused, and the lawyers on both sides are permitted to interpose and make eloquent speeches, or to read elegant extracts from novels that may be made to seem relevant to something said or done.

SIX BIDS PROVE SAME IN FIGURES, WORDS AND PUNCTUATION.

WOODLAND, (Yolo Co.), July 24.—When bids for the furnishing of cement to Yolo County for the next year were opened at a meeting of the Supervisors, it was found that all were for the same figure and were even identical in wording and punctuation.

The six firms which quoted a figure were the Portland Cement Company, Standard Portland Cement Company, Diamond Match Company of Dunnigan, Diamond Match Company of Woodland, Cowell Line & Cement Company of San Francisco and the Sacramento River Supply Company of Knights Landing.

All bids were rejected by the Board, as the common figure was the same as in force when buying in the open market at a carload of 160 barrels.

BRIDGING THE HUDSON.

Efforts to put life into the scheme for an interstate bridge between New York and New Jersey meet with little public encouragement. The first and chief difficulty is to demonstrate the need of a structure of which the preliminary estimates place the cost at \$52,000,000. Obviously, there are too many ways in which that huge sum of money could be put to better uses.

If the bridge were located at Fifty-seventh Street, it would serve only a limited class of traffic, principally devoted to the ends of pleasure. For that reason alone, it would be primarily a minor convenience, not a necessity. The crowded paths of commerce lie farther south, in the vicinity of the North River ferries. If the ferry service is inadequate, the better way would be to augment it by building one or more tunnels where the demands of business justify it.

Engineers estimate the cost of a tunnel at \$11,000,000, about one-fifth the cost of the projected interstate bridge. In maintenance and repairs it would be relatively far cheaper.

From a practical standpoint, the interstate bridge, as planned by its promoters, would be a costly and spectacular luxury, appealing far more to the eye than to the pocket of New York.—New York World.

DINURA Tulare Co., Cal.—A movement has been started here for the formation of a stock company for the purpose of erecting a new theatre. C. H. Douglass, manager of the Elite Theatre of this city, has submitted the proposition. The proposition has been favored by local capitalists and already several thousand dollars have been subscribed. Douglass plans the erection of a Class "A" theatre to be

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STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Until 11 o'clock A. M. August 10, 1914
Mendocino County from 2 1/2 miles north of Hopland to Ukiah (I-Hum-1-A) about 11.1 miles in length, to be graded and a portion paved with Portland cement concrete.

Humboldt County from Miranda to Dyerville (I-Hum-1-C), about 13.1 miles in length, to be graded.

Santa Clara County from Santa Clara to San Jose (IV-S. Cl-2-A), about 1.1 miles in length, to be built of Portland cement concrete with asphaltic wearing surface.

Santa Clara County from the north city county boundary to San Jose (IV-S. Cl-3-A), about 6.8 miles in length, to be built of Portland cement concrete.
Contra Costa County from San Pablo Creek to Pinole (IV-C. C-11-A), about 3.6 miles in length, to be graded.

Until 2 o'clock P. M. August 10, 1914
Humboldt County from Shively to Jordan Creek (I-Hum-1-D), about 3.1 miles in length, to be graded.

Alameda County from Greenville to Livermore (IV-Ala-5-A), about 5.1 miles in length, to be built of Portland cement concrete.

Santa Barbara County from F. Captain Creek to Alcatraz (V-S. B-2-F) about 9.3 miles in length, to be graded.
Orange County from Gallivan to Irvine (VII-Or-2-R), about 9.4 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms, proposals, bonds, contract, and specifications may be obtained, at the office, and they may be seen at the offices of the Division Engineers of the divisions in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission, the special attention of prospective bidders is called to "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding quantities of work to be done.

The Department of Engineering reserves the right to reject any or a bids or to accept the bid deemed best. Interested parties are called to "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding quantities of work to be done.

CHARLES D. FARNEY
NEWELL D. DARLINGTON
CHARLES E. STEIN,
California Highway Commission
AUSTIN B. FLETCHER,
Highway Engineer
CHARLES C. CARLETON,
Acting Secretary. (4)

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

Why Some Advertising Does Not Seem To Pay.

By Lloyd C. Comegys.

Advertising does pay. That has been proven conclusively. The accumulating of large fortunes almost entirely through the use of advertising is the convincing evidence. The many detailed records of its use, its cost and its returns, show how it has been used to advantage. Therefore it is not necessary to establish the fact that advertising has been made to pay many, many hundreds of times. It can be made to pay. Why it has not been made to pay more often is the point we are interested in.

The main defects of advertising campaigns seem to be:

First—That the proposition to be advertised is not fully and scientifically analyzed and charted.

Second—That no competent advice is brought to bear as to what can and should be done in the way of advertising.

Third—There is no definite and scheduled plan of the results expected and there is no records kept of what is being accomplished.

Fourth—There is no method and records for following up the percentage of results and finding out why they have not come up to the scheduled plan.

Under the first point it would seem almost unnecessary to say that the proposition to be advertised should be carefully analyzed and charted from an advertising and selling standpoint. But right here at the very foundation of a proper advertising structure, lies most of the troubles of the campaigns or expenditures that do not seem to pay.

Second—And when parties say that they are competent to do their own advertising, without having spent time in training for the work, it shows the ignorance of not even knowing they are ignorant on that particular subject. Whether to use Publicity methods in your advertising campaign and how much and in what manner; how much Trade Name advertising to do and in what manner; and how much Direct Selling advertising to do and in what manner, are questions that must be thoroughly understood, answered and the answers carefully charted. Without knowledge and training in advertising it is simply impossible for a person to answer these questions properly.

Third—Definite plans should be made and the standards of the results expected should be carefully established and charted.

Fourth—And lastly, but most important is the work of following up the percentage of returns and the seek-

ing and finding and correcting of the causes of insufficient returns.

Securing competent advice regarding your advertising work and expenditures is the most profitable investment you can make.

To sum up why some advertising does not seem to pay, is, in plain words, because the advertiser does not know what he is doing. He does not know in detail what he can and expects to accomplish, nor how straight he is traveling along the road toward that accomplishment, nor why he is not accomplishing all of the expected detailed results.

The advertising fails because of:

Lack of a proper knowing of what can be accomplished.

Lack of a proper knowing of what to do.

Lack of a proper knowing of what is being accomplished.

Lack of a proper knowing of what is being done wrongly.

CONSTRUCTION WORK ABROAD.

AUSTRALIA.

[Consul Wm. C. Magelsen, Melbourne.]

Progress of Electrical Works.

Preparatory work in connection with electrification of Melbourne suburban railways is proceeding satisfactorily. About 600 tons of steel work is arriving for erection of the engine house at the new power station at Newport. Over 800 men are employed on the power station works, and temporary office and store buildings have been erected and the branch railway connection with Spotswood completed.

When the power station is in working order it will deliver electrical energy as a three-phase current at a periodicity of 25 cycles per second and at 20,000 volts pressure, providing power for not only traction purposes but also for working machinery at the Newport railway shops and lighting stations. Fourteen substations are to be built at various points within the suburban area for conversion of current to 1,500 volts for transmission to the trains, and a commencement is to be made with these shortly at Newmarket, Middle Brighton, and Glenroy. (Press extracts from General John P. Bray, Sydney.)

Bridge Manufacture by the Government

The railway bridges to be placed over the Hastings, Macleay, and Wilson Rivers are to be manufactured at the Newcastle Government workshops.

The Minister of Public Works recently called for tenders for twenty 20-ton weighbridges. The lowest tender received was of \$730 for each, to be imported. The Railway Department has now offered to manufacture these at \$618 each, and the minister has accepted the offer. The Works Department will thus make a total saving of \$2,248 and in addition will give employment to local labor.

Rolling Stock—The Burrinjuck Dam Irrigation

A thousand railway trucks and more than 100 engines are at present being built in the State of New South Wales. About 80 engines are being constructed as rapidly as possible in England.

The construction of the Burrinjuck Dam has so advanced that the impounded Murrumbidgee waters are at the level at which they would have been in flood time. The huge wall

which is to rise 240 feet high, is now within 10 feet of that at its highest point. The water storage will be 33,630 million cubic feet. It is stated that the conditions as regards water supply, soil, and climate are such when the whole of the irrigated lands are settled there will be an addition of 50,000 people to the population of the district.

PANAMA.

[Consul General Alban G. Snyder, Panama City.]

Work in the Department of Public Work of Panama.

The following report on the work done or planned in the technical section of the Ministry of Public Works of Panama during 1913 is taken from data furnished to this consulate by Dr. Ramon F. Acevedo, Minister of Public Works of the Republic of Panama:

The work of the technical section includes designing and construction of all Government public work. In 1913, in addition to the supervision of work actually under construction, studies were made so that it is thought that much more work will be finished this year than in 1913.

Projected Work.

Bids for constructing lighthouses on the Pacific coast between Panama and Pedregal will soon be asked for.

A statement of projected work for which plans are now being prepared by the Government is as follows: In the city of Panama a normal school for girls, a correctional school, a reinforced concrete building for stores and renting to families, a wharf for fishermen, a large hospital to replace the old Santo Tomas Hospital, the alteration and repair of the old Administration Building purchased from the Isthmian Commission, and which is to be used for a central post office and other Government offices, a plaza in front of the Presidential residence, light for Las Bovedas (sea wall), and graded schools in other parts of the Republic, and a modern hospital in Bocas del Toro.

URGES CORPORATE BONDS.

Los Angeles Trade Paper Tells Advantages of Contract Bonds of Surety Companies.

A strong argument for corporate surety bonds was presented in a recent issue of the "Builder and Contractor" of Los Angeles, a weekly journal of architectural, engineering and construction news. Discussing contract bonds the paper said:

Should Demand Surety Company Bond.

In order to insure himself from loss in the construction of his home the builder must insist on the successful bidder for the contract giving a bond. Moreover, he should demand that the bond be furnished by a responsible surety company; and unless the bidder can thus qualify, the contract should be awarded to a contractor who can furnish such bond. If the contractor offers him a bond signed by personal sureties he should decline it. A personal bond makes no provision for the obligation and as no loss is anticipated, he may, therefore, with this kind of security, find himself without the supposed protection when he actually needs it. If personal sureties are able and do pay claims under their bonds,

It often means their financial ruin while corporate sureties remove the burden from the individual. It is no unfavorable reflection upon a contractor to be placed under bond, as it is a plain business proposition. In fact, a surety bond is the highest form of recommendation for the contractor and the best security for the owner.

Companies Investigate Contractors

Surety companies are required by law to provide for their bonds and are rigidly investigated by the insurance department of every state wherein they operate. The surety company undertakes to do more than guarantee the completion of the building, the investigation which they make of a contractor before executing a bond is very rigid and thorough. Naturally when a contractor is able to secure a healthy profit in every one, the mere satisfaction of getting more business is apt to lead him to over-estimate his ability to overcome such obstacles as labor disputes, delays, breakdowns, etc. If the acceptance of too many jobs has compelled the contractor to stretch his credit to the breaking point, a few hold-ups even on one piece of work may be enough to cause him to fail on all. The surety companies inquire into his financial condition, the amount of work which he has under way, the kind of work that he is qualified to do through past experience, and do not voluntarily assume a prospective loss. —From "Underwriters' Report."

CLOCK CHIME TELLS TIME.

A public clock which can be heard, possessions. It is in the tower of St. Mary Abbots Church, Kensington, and is the only public clock in that immediate neighborhood.

It chimes the quarters and the hours, but commits itself no further. It has no dial, no hands, no outward and visible sign of any kind to show that it is a clock.

This eccentricity, it is explained, is the result of two causes, one esthetic, the other financial. When the tower was built in 1579, a clock was suggested as an afterthought, but the architect protested that it would mean the addition of 15 feet to the tower, and the ruin of its cherished proportions. A second point was that the church, having but slender funds, could not afford a clock with a dial. A compromise was arrived at by installing the works of a chiming clock in the belfry, without dial or hands.

The markings on a graduated measuring glass, invented in Germany are made along a zigzag line instead of a vertical one and, having wider spaces between, are said to be read more accurately.

BRANCH OFFICE OPENED.

The Kinneair Manufacturing Co., of Columbus, Ohio, Manufacturers of the well known Kinneair Steel Rolling doors and shutters, have opened a branch office in San Francisco in the Rialto Building and have appointed Mr. W. W. Thurston, formerly of the Lilley & Thurston Co., their district manager.

Last year the Kinneair Mfg. Co. supplied the doors for the four new piers on the San Francisco water front under the supervision of the Board of Harbor Commissioners, as well as

numerous other installations throughout the State.

The name "Kinneair" is now a household word in the building community.

"SATISFACTION."

It was passing onward through the street,
It looked strong and stiff and neat.
A looker-on said to his friend,
What on earth is that stuff Ben,
But Ben, he hardly turned his head,
And quickly to his friend he said.

STEELCRETE

The lather grabbed it off the dray.
For well he knew he earned his pay.
Two thousand yards a day for him,
With hammer, nails and lots of vim,
And in his glee he'd broadly smile,
As he murmured to himself the while.

STEELCRETE

The plasterer looked the job o'er well,
He didn't say damn, and he didn't say hell,
But began to figure on a pad,
And when he looked up his face was glad,
I'll make five hundred more than I thought.

Gosh, I am certainly glad I bought

STEELCRETE

The Architect was hard to please,
He was full of idiosyncrasies,
He looked to left, he looked to right,
To find a fault with all his might,
But everything was "out of sight,"
And at last he exclaimed in his delight,

STEELCRETE

The owner, Well my tale is done—
He took his check book thereupon,
He wrote a check—for all was due,
And signed it with a flourish too,
And to himself did softly muse,
It's a cinch when I build again, I'll use

STEELCRETE

BUILDING CONSTRUCTION SINCE THE FIRE.

Building activities from May, 1906, to June 30th, 1914, as taken from the records of the Bureau of Building Inspection of the Board of Public Works, show the following:

Class	No. of Bldgs.	Amount.
Class "A"	171	\$ 32,286,154
Class "B"	199	14,679,186
Class "C"	2729	81,069,318
Frames	25161	95,639,125
Alterations	22983	18,101,626
Exposition Bldgs.	44	8,798,700
Public Bldgs.	8	4,277,663
Total	51,295	\$255,851,772

Up and Down the Coast.

CHICO, Butte Co., Cal.—Work is about to commence on the State Highway north of this city to the Tehama boundary. Betts & Co., of San Jose, have been awarded the sub-contract for the concrete work by P. L. Burr, who holds the contract for the construction. The Betts Co. are now placing stakes and sinking wells to supply water for the mixing of the concrete. Burr also holds the contract for the re-construction of the surface of the Esplanade, immediately north of the city limits.

GALT, Sacramento Co., Cal.—The question of whether Galt shall be in-

corporated or whether a sewer district will be formed to secure the installation of a modern sewer system was discussed here by the various committees last Saturday evening. Another meeting will be held in the near future to discuss the plan.

ALTURAS, Modoc Co., Cal.—In addition to presenting to Congress a petition for a \$25,000 post office and Forestry building, the Town Trustees are now taking steps for a Carnegie Library to be erected here facing the new Court House, now under construction. Steps are now being taken for the purchase of the lot which is 70 by 100 feet in size.

AGNEW ASYLUM, Santa Clara Co., Cal.—At a conference held recently, the Board of Managers of the Agnew State Hospital and the State Board of Control have agreed on the expenditure of \$35,000 in new structures. These buildings will replace the old barracks erected following the earthquake of 1906, when the State Hospital was destroyed. Members of the Hospital at the conference were: Dr. F. H. Bangs, H. Wilson, Erw. White, D. McPherson and T. S. Montgomery.

RICHMOND, Contra Costa Co., Cal.—Forces of men and machinery are now making enlargements to the local refinery and the tankage capacity of the Standard Oil Company's plant here. Work of extending of the company's wharves at Point Orient on the Richmond waterfront to 1,000 feet is progressing rapidly. A large new area is

PETALUMA, Sonoma Co., Cal.—Work has been started here on the large wharf to be constructed by Camm & Hedges on their property south of Bridge street. The wharf will be 350 feet long and will be built above the high water mark. When completed this wharf will be the largest in this city.

CHICO, Butte Co., Cal.—The foundation of the new Butte creek bridge near Durham, which has been under course of construction for the past month, is now about completed. The steel girders and concrete work is now under way. Some difficulty has been encountered in the work owing to the hard rock formation of the creek bed. The work will be completed in about three weeks.

SACRAMENTO, Cal.—Secretary H. C. Magnin of the Sacramento County Highway Commission, has submitted to the Board of Supervisors the most extensive road plans ever undertaken in this county, calling for the construction of 277.53 miles of permanent road and 64 bridges, at a total cost of \$2,425,000. The report urged a bond election to raise money to build these roads. Every mile of the proposed roads has been inspected by the members of the board recently, together with members of the State Highway Commission.

RICHMOND, Contra Costa Co., Cal.—The Board of Supervisors have authorized Supervisor Warren H. McBryde to secure plans and specifications from County Surveyor Elam C. Brown for three bridges which A. F. Loeder, division engineer of the California Highway Commission, has notified them will be required in the first section of the State Highway which will be constructed here at an early date. Bids will be taken for the erection when the plans are approved by the Highway Commission.

Issued Weekly, \$3.00 Per Year

Fourteenth Year, No. 31

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

SUCCESSORS TO

"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

THIS WEEK'S ILLUSTRATIONS:

San Francisco's Armory As It Appears
Completed Mission Street Elevation. De-
signed by the State Department of Archi-
tecture.

Bird's Eye View of Alameda County's
Proposed New Infirmary As Designed by
Architect Charles Peter Weeks of San
Francisco.

WEDNESDAY, AUGUST 5, 1914.

SAN FRANCISCO AND OAKLAND,

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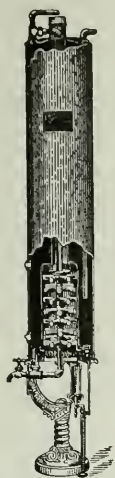
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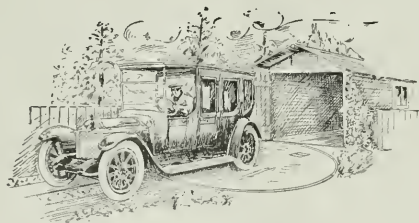
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of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, August 5, 1914

Fourteenth Year, No. 31

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580 Mission Street,

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OFFICIAL ORGAN

of the

CONTRACTORS' AND DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

The California Highway Bulletin, published quarterly by the State Highway Commission, and chronicling the progress made by that commission, is one of the most interesting publications which we receive. The Highway Commission is charged with the expenditure of \$18,000,000, a large portion of which has but recently been made available and the Highway Bulletin tells how this is being done, of the progress made, and gives methods of construction and a wealth of details not obtainable elsewhere. It is good reading and is for free distribution.

A report published by the United States Department of Agriculture in the state of Virginia shows better than anything else the vast importance of good roads to all concerned. Read this report and support the California Highway Commission whenever the opportunity presents itself.

That an improved road will increase vastly the productiveness of the area through which it runs has now been satisfactorily demonstrated by studies conducted by the United States Department of Agriculture in Virginia. Conditions in Spotsylvania county were investigated with particular care and the results have proved surprising. In 1909 the county voted \$100,000 to improve 40 miles of roads. Two years after the completion of this work the railroad took away in 12 months from Fredericksburg, the county seat, 71,000 tons of agricultural and forest products hauled over the highways to that town. Before the improvement of the roads this total was only 49,000 tons annually; in other words the quantity of the county's produce had risen more than 45 per cent. Still more interesting, however, is the increase shown in the quantity of the dairy products. In 1909 these amounted to 114,815 pounds, in 1911 to 273,028 pounds, an increase of practically 140 per cent in two years. In the same time shipments of wheat had increased 59 per cent, tobacco 31 per cent, and lumber and other forest products 48 per cent.

In addition to this increase in quantity the cost of hauling each ton of produce was materially reduced. In other words the farmers not only produce more produce more cheaply, for the cost of transportation to market is of course an important factor in the cost of production. From this point of view it is estimated that the \$100,000 spent in improving the roads in Spotsylvania county saved the farmers of that county \$41,000 a year.

In the past two years the traffic studies of the Federal experts show that approximately an average of 65,000 tons of outgoing products were

hauled over the improved roads in the county, an average distance of 8 miles, or a total of 520,000 "ton-miles." Before the roads were improved it was estimated that the average cost of hauling was 20 cents a "ton-mile," after the improvement this fell to 12 cents a "ton-mile," or a saving of 8 cents. A saving of 8 cents per mile on 520,000 "ton-miles" is \$41,000 a year. The county's investment of \$100,000, in other words, returns a dividend of 40 per cent annually.

Because this saving, in cases of this character, does not take the form of cash put directly into the farmers' pocket, there is a widespread tendency to believe that it is fictitious profit, while as a matter of fact it is just as real a source of profit as the increase in the price of wheat.

In Dinwiddie County, Virginia, for example, where peanuts are one of the staple crops, the average load for two mules on a main road was about 1,000 pounds before the road was improved. After its improvement the average load was found to be 2,000 pounds and the time consumed in hauling the larger load to market was much reduced. In other words, one man with a wagon and two mules could do more than twice as much work with the improved road than with an unimproved road. This is the explanation of the extraordinary rise in the total output of agricultural products in a county with a good road system.

Last winter in a speech at New York City Chief Justice Clark of the Supreme Court of North Carolina said:

"It has been said that a contented people have no annals. The present unrest among the people, not only in this country, but the world around, strange as it may seem to some, is one of the best signs of the times. When people at large are content, they are either ignorant of better conditions or hopeless of attaining them. A 'divine discontent' is the basis of civilization, and of all progress in bettering the condition of humanity."

There is a definition of the optimist as being "one who does not care what happens so long as it does not happen to him." That type of hopeful person paradoxically takes the gloomy view of views that do not agree with his own.

There is a general disposition in professional optimists to think that social and mental unrest is a very bad thing. The point of view is refreshing that considers such unrest as a very good thing.

And there is this to be said about the unrest that those who are active attain something in the end if their efforts are well-directed. The "man with the hoe," the brother of the ox, is incapable of advancement. But the man who strives for betterment will in the end accomplish something if there is intelligent direction.

Administering The State Highway Trust.

How the California Highway Commission Determines the Routes, Organizes Its Field and Office Forces, and Manages the State's Business.

The State Highway Act, in language that a layman cannot misunderstand, makes it mandatory to build one main interior trunk line running lengthwise of the State, and another trunk line along or near the coast, and to connect them by laterals with all county seats not touched by one or the other of these trunk roads.

Thus was the state highway system definitely determined by direct vote of the people and made obligatory beyond the power of any court or legislative body to change.

It is a highway system which compels the building of about 1,800 miles of trunk roads and about 900 miles of laterals.

From the very beginning, it was apparent that the eighteen millions provided by the State Highway Act was woefully inadequate to satisfy the demands of the people.

Recently certain large road building contractors went into the public prints with a protest addressed to the Governor, charging that the Highway Commission was building the roads in an inferior manner.

At the hearing which the Governor gave these criticising contractors, they told his Excellency that it would cost approximately \$12,000 a mile to build the type of road which they recommended.

At \$10,000 per mile, 1,800 miles of main highways would cost every copper cent of the eighteen million dollars and leave not a penny for the construction of 900 miles of laterals.

Here, then, is the situation. The California Highway Commission on the one hand is railed at and abused, as if they were picking pockets, because they have not ordered surveys for the state highway by various diversions to satisfy conflicting and irreconcilable local demands, increasing the eighteen hundred miles of trunk roads to over twenty-one hundred miles, and adding upwards of \$3,000,000 to the total cost of building these said trunk roads alone.

On the other hand, the contractors rush in blindly, without apparent knowledge or respect for the law that must control those who are officially responsible, crying that are Commission ought to be spending \$12,000 a mile instead of \$1,600 a mile to construct these highways.

At \$12,000 per mile \$18,000,000 will build 1,500 miles of roads.

But to put various ambitious towns on the state highway and to "keep peace in the family," the trunk lines must be stretched by a series of kinks and zigzags to a total aggregation of 2,150 miles of kinks and zigzags.

But there is money only to build 1,500 miles of road of the kind the contractors want. Therefore, there would be on this basis 650 miles of trunk lines and 900 miles of laterals, more than one-half of the entire mileage of the state highway system, to build which there would remain not one dollar of the \$18,000,000.

The most casual and unconcerned onlooker will readily discover that this

glneering and financial problem all but impossible of solution even with the greatest conceivable skill, economy and administrative ability.

But when upon top of the inherent Commission at the outset faced an end and unescapable difficulties which beset the Commissioners are piled the burden of satisfying the clamorous petitioners of hundreds of towns to have the highway run in as many impossible directions, and to build a kind of road that best suits the notions and purposes of those who are stocked up with large road building plants of a certain sort, it is taxing human patience to the limit.

The Policy of the Commission.

The management of this state highway enterprise concerns primarily the public which foots the bills.

In order to make the \$18,000,000 cover the cost of the best possible state highway system, the following policy was programmed at the outset by the Commission:

1. To prevail upon all counties to pledge themselves to procure all rights of way and construct all necessary bridges for the state highway in their various jurisdictions.

2. To lay out the entire system of trunk roads and laterals in accordance with the mandates of common sense, the State Highway Act and the opinion of the Attorney General by "the most direct and practicable routes."

3. To organize every department under the Commission on a merit and efficiency basis, in line with the promise and the efforts of the administration to apply clean, practical, business methods to the management of public affairs.

4. To declare that the State will step into the breach and defend any contractor in the courts, without cost to him, against any suits for damages or royalties for the invasion of real or alleged rights under paving patents.

5. To make definite arrangements with the various railroad companies for a special reduced freight schedule for all road building materials, equipment, etc., transported for the construction of the state highway.

6. To enter into contract with the lowest bidders for a vast wholesale supply of crushed rock, gravel, etc., by the definite terms of which these materials should be supplied to the State far below the price usually paid by contractors on other public or private works.

7. To propose to the cement companies to place large orders for cement to be delivered and paid for within a stated period, and demanding their closest estimates in consideration of such guarantees of large orders, positively placed and promptly paid for.

8. To let contracts for construction of the state highway in ten mile units, and give all contractors the benefit of the reductions in freight rates, and first cost of rock, gravel and cement under the aforesaid arrangements with transportation companies and material men, thus affording the small contractor as far as possible an equal chance

with the large contracting concerns.

9. To maintain a testing laboratory, and scientifically examine and prove according to established standards all rock, sand, gravel, cement, asphalts, oils, etc., that may be used in state highway construction.

The public deserves to know just how consistently and just how successfully the Commission thus far has adhered to its program as above outlined. Not to solicit plaudits nor encomiums, but simply to inform the public as to the real situation, it is pertinent and proper to state the following facts:

How the Counties Have Co-operated.

Not a single county in California has rejected the overtures of this Commission to furnish all rights of way and construct all necessary bridges in their several jurisdictions without cost to the State. These savings of time and money to the State by this generous and prompt co-operation from the various counties are enormous and incalculable.

In nearly every county through which a trunk line or any lateral of the state highway has been considered, the Commission has been appealed to to act as umpire in settling the contentions of rival communities which sought to have the state highway routed by various diversions.

With only a few exceptions every county in the State has acquiesced in and agreed to the proposition maintained by the Commission that the state highway is in fact as well as in name **A State Highway**.

They readily saw the point that it was absolutely necessary for each town, city and county to hold its own local desires and interests as to the location of the state highway subordinate to the larger and all inclusive purpose of the state highway system.

It was agreed that a trunk line of the state highway could not be diverted and distorted merely to meet the requirements of local traffic without abandoning and violating the letter and spirit of the Highways Act as well as the basic needs of the highway system itself.

These various counties through their supervisors, chambers of commerce and boards of trade in effect said to the Commission, as the only solution to their own internal and irreconcilable differences as to where the state highway should go: "Locate the state highway through this county where the Highway Commission thinks best to serve the purposes of a trunk road to which all the counties may tie their local highway systems."

Upon this principle only is it possible to link all sections of the State together in a system of good roads that will afford the freest intercommunication between each section with every other section.

Thus it was that the counties which had not only generously assumed the expense of furnishing rights of way and building bridges still further contributed magnanimously to the success of the state highway enterprise by declaring for the most direct and

practicable" routing to the end that the total mileage and the consequent cost of construction might be reduced to the maximum, to the still further end that these roads should be constructed in as high class a manner as possible, and should be extended in fairness and equity to reach all sections of the State as contemplated by the State Highway Act.

Confirming this opinion several counties have recently voted bonds for the permanent improvement of their local highways; and many other counties are actively preparing to do likewise.

Riverside and Orange counties; Kern and Santa Barbara; Fresno and Tulare; Santa Cruz and Monterey; Solano, Contra Costa and Alameda; Sonoma, Mendocino and Humboldt; Butte, Shasta and Siskiyou; San Mateo, Merced, Tuolumne and Imperial are all public-spiritedly grappling with the good roads problem, and planning to join their local road systems to the State's trunk highways.

Honor is due to Los Angeles, San Diego and San Joaquin counties as pioneers in county road improvement. These three counties alone are bonded in the aggregate for six and one-half million dollars for the betterment of their roads, a sum considerable in excess of one-third the entire amount available under the State Highways Act, for the construction of the entire state highway system.

This fact alone is sufficient to indicate to the most obtuse mind that it is little short of a crime to route the state highway by a deviation of a single mile to satisfy purely a local interest. To follow such a practice would inevitably deny in toto the benefits of the state highway fund to entire communities and counties.

Organization of Field and Office Forces.

Concerning the organization of the office and field forces of the Commission, it is sufficient in passing to say that the fact that the employees of the Commission have uniformly been employed upon recommendations as to their efficiency, skill and experience, and that the uniform rule of the Commission to promote and discharge employees without discrimination, solely upon their merits, has occasioned general surprise and favorable comment throughout the State.

It is simply asserting what is common knowledge to say that in no administration of the government of the State of California prior to the present one would it have been possible to have undertaken and prosecuted any great public work, such as this state highway enterprise, under these conditions.

However, the Commission fully recognizes that efficiency in the public service cannot be divorced from the spirit of loyalty to the principles of good government. Working harmony in the ranks, and a zeal for earnest, faithful service, is best promoted in any organization by uniformly requiring that every employee shall stand the test of fidelity as well as efficiency. Fidelity is an indissoluble element of efficiency in practical affairs as well as consistency in morals.

As to Paying Patents and Injunction Suits.

In the first issue of the California Highway Bulletin, which appeared last October, the Commission announced its policy of standing in between the small contractor and the powerful paying

concerns assuming to do business under the protection of certain patents, and declared its purpose to defend any and all suits that might be launched in the courts to enforce the payment of any damages or royalties that might be claimed as infringements of such patents. The Commission did not undertake to deny the validity of any of these patents, but simply asserted that, if there were any valid claims for royalties, etc., the State would be responsible.

In this connection, the Commission stated: "Often a suspicion exists that both the contractors and the persons claiming patents are increasing their incomes unduly at the cost of the people." The threat of starting an injunction suit for the collection of damages or royalties often operates either to scare the contractor out of bidding, or cause him to enter into collusion with other contractors to control the situation. Thus far the Commission has not been called upon to defend any such suit.

Reduced Freight Rates Obtained.

Under the terms of a special tariff schedule the various railroad companies of California have united in conceding to the California Highway Commission carload rates for the transportation of all kinds of road building materials, machinery and equipment for road construction, which amounts to a saving of several hundred thousand dollars. It is worthy of note that various contractors, who are building bridges for the counties to be used by the state highway, are also given these reduced rates, which often amount to a saving of 50 cents per ton.

Road Materials at Bedrock.

In November of the past year, the Commission entered into a contract with one of the largest crushed rock producers in the world for a supply of one-half million tons of crushed rock to be delivered at the option of the Commission within a stated period at the rate of 45 cents per ton.

The Commission further has entered into contracts with various companies supplying gravel, to deliver the same at the option and at the order of the Commission for the construction of the state highway at the rate of 27½ cents per ton. That these prices are bedrock and hard to beat is evident. With all the rivalry of competing firms, the Commission is unable to find any of them prepared to supply these materials at a less price.

While the cement companies maintain their prices rather rigidly, the Commission is buying its cement at comparatively low figures, considerably below the current market prices.

Testing All Materials Used.

Furthermore, the Commission maintains a laboratory for the testing of all materials that enter into the construction of the state highway. All cement, sand, rock, gravel, asphalt and oils are examined by this department of the Commission and scientifically tested for the purpose of insuring that all materials shall be up to the standard of quality demanded by the specifications of the Commission.

Giving the Smaller Contractors a Fair Chance.

In order that there shall be a free and open field in the bidding for all contracts to build portions of the state highway, it is the policy of the Commission, first, to let these contracts in units of about ten miles. A contrac-

tor of moderate means can usually handle a job of this size. By giving the contractor the benefit of the relief of furnishing materials and their delivery by the transportation companies, the capital required by a contractor to handle a contract is greatly reduced and he is thereby placed in a more independent position. Furthermore, he is relieved of the temptation to hold out materials, or use inferior substitutes, for the reason that the State furnishes these materials and there is no opportunity for him to dishonestly increase his profits.

Engineer Morton's Significant Testimony.

It is significant that Mr. R. M. Morton, Highway Engineer of the San Joaquin County Highway Commission, which is just completing the expenditure of upwards of two million dollars in the construction of its system of county highways, should testify that so far as his reading, his knowledge, and his experience enable him to judge, the California Highway Commission is breaking all records made by the counties or by other states in reducing the cost of road building. Mr. Morton frankly says that, considering the type of roads the Commission is building and the high class manner in which they are constructed, it is surprising that the cost is held down to the figures at which the work is done.

An Encouraging Outlook.

With an increasing number of counties preparing to co-operate with the State Treasurer in the matter of floating the state highway bonds, under assurances that all the money available from the sale of these bonds through the efforts of the counties will be applied exclusively to the construction of the state highway in these counties, and with the brightening prospect that disputed routings will, at an early date, be definitely and finally determined, it may be safely predicted that before the end of the year 1914 splendid progress will have been made, not only by this Commission but by all our enterprising counties from Siskiyou to San Diego in the permanent improvement of our public highways and toward the consummation of the dominant ambition of every community of California to be ready and on dress parade for 1915. (From California Highway Bulletin.)

Fiscal Year Building Report, 1913-1914.

Chief Inspector of Buildings Submits Report to Board of Public Works.

Chief Inspector of Buildings, John P. Horgan, of the Bureau of Building Inspection, in submitting his fiscal year report to the Board of Public Works gives an accurate description of all building operations throughout San Francisco for the fiscal year ending June 30th, 1914.

His report shows 5,721 permits issued at an approximate cost of \$30,198,694, of this there was collected \$25,971.50 for fees on the various permits.

His complete report is as follows:

Character of Permit	Number	Cost
Class "A" Bldgs	14	\$ 2,404,390.00
Class "B" Bldgs	13	709,965.00
Class "C" Bldgs	204	5,504,846.00

Frame Constr	2047	6,807,657.00
Alterations, additions repairs (gen'l)	3391	1,695,473.00
P. P. I. E. Bldgs.	44	8,798,700.00
Public Bldgs.	8	4,277,663.00
Total	5721	\$30,198,694.00
Fees collected on above		\$25,753.80
Fees collected for bill board inspection		118.00
Total		\$25,871.80

In addition to the above more important matters this Bureau received applications and petitions as follows:

To raze structures.....	281
To move and reset.....	37
Applications rejected and with- drawn	132
General complaints received and attended to	414
Total number of application filed.....	6490

In addition to the above Horgan states:

"The rejected and withdrawn applications were in direct violation of the Building Law and could not be made to comply, and over and above these I found varied implied infractions of the law in approximately 50% of the total number of applications filed, and which were subsequently revised, and finally approved by this Bureau.

In the past year this Bureau had considerable success in the removal of temporary frame structures from within the Fire Limits, and there now remains but a few scattered throughout the business district, which are to be vacated and torn down as their leases expires.

The usual close attention has been given by the Bureau to all complaints and protests entered by the different sectional Improvement Clubs, with the result that many nuisances and violations of law have been abated which were not evident until brought to our attention in this manner.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$10,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, M. S. Shaw, 235 Pine street. The building will be erected on the south side of O'Farrell street east of Van Ness avenue, and will have a frontage of 52½ feet and a depth of 120 feet. There will be a total of forty suites of two and three rooms. All apartments will have wall beds and private bath rooms. There will be steam heat and a hot water supply, elevator service and portable vacuum cleaning. Bath rooms will be finished in tile with composition floors. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and the owner will start the work at once under the Day Labor system.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, O'Brien Bros., Chumle Bldg., S. F. Owner, A. Samburek. The building will be erected at the southwest corner of Jackson and Mason streets, covering an area of 25 by

The recent ultimatum issued by the Board against all cloth signs being erected in the City and which do not comply in every respect with the ordinances has so impressed the merchants and those engaged in the business of erecting them that a much better standard has been adopted throughout the City, both in appearance and character, and as such, has considerably lessened the agitation by the Art League and other civic organizations against them.

In the supervision of Tenements, Hotels and Lodging Houses, the Bureau has adopted a card record system, and by which all essential features of a building are checked and recorded, and any necessary corrections made at the time such are laid out in the building, starting with the foundation lines, for courts, yards, shafts, etc., and continued through and until the building is ready for occupancy, and a certificate of acceptance asked from the Board. This lessens the possibility of errors and omissions from the law during erection, and the consequent trouble in changing and reconstructing various portions of the building when all is completed.

During the year all contracts for Public Buildings and for the Panama-Pacific International Exposition have been recorded in this Bureau, and in consequence, the total of building operations in the City and County are more clearly shown.

Following a recent visit with the Commissioners to a number of frame lodging houses which were erected shortly after the fire of 1906, it is the intention of this Bureau to draft an ordinance to be submitted to the Board of Supervisors for their approval, with a view to have these buildings comply as far as practicable with the present Building Laws, and thereby insuring greater safety to the occupants."

57½ feet. There will be two stores on the first floor and four suites of four rooms each on the upper floors. Interior finish will be of pine throughout. All suites will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Plans provide for a hot water system. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, P. D. Bernhard. The building will be erected on Carl near Shrader street, and will have a frontage of 27 by 112½ feet. There will be seven suites of three and four rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. All apartments will have wall beds and private baths. Bath rooms will have tile floors and wainscot. Simplex windows are specified. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken shortly.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction, \$60,000. Architect, Douglass, Seattle, Wash. Owners, D. and S. Investment Co., 1152 Phelan Bldg., S. F. The building will be erected at the southwest corner of Ellis and Hyde streets, covering an area of 57½ by 74½ feet. There will be stores on the first floor. Plans show a light steel frame with brick exterior walls faced with pressed brick. Interior will be arranged for two and three room apartments and finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Plans are complete and in the hands of the owners who are now taking figures on the work.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Richard D. King, I. W. Hellman Bldg., L. A. Owner, L. Fighiera. The building will be erected at the corner of 7th and Westmoreland streets, covering an area of 56 by 134 feet, and has been designed to contain a total of 18 suites arranged in apartments of two, three, four and five rooms. Interiors will be finished in pine and mahogany. There will be steam heat, elevator service, a hot water supply and vacuum cleaning. All apartments will have private baths and wall beds. Bath rooms will be finished in tile. There will be a swimming pool in the basement. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete.

Contracts Awarded.

OAKLAND, CAL.—Apartment house, 4 story and base, brick, \$14,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Dr. F. G. Baird. Contractor, Edward Sommarstrom, 202 East 12th street, Oakland. Contract price, \$14,000. Note: The contractor is now taking subfigures on the work.

OAKLAND, CAL.—Apartment house, 2 story and base, brick and frame, \$15,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mrs. E. S. Fenton. Contractor, Fred Muller, Syndicate Bldg., Oakland. Contract price, \$15,000. Note: The contractor is now taking subfigures on the work.

BANKS.

WHITE SULPHUR SPRINGS, NAPA CO., CAL.—Bath house and swimming tank, frame and concrete construction. Cost not stated. Architect, L. M. Turton, 141 Main street, Napa. Owners, White Sulphur Springs Co. Plans have been completed and figure are now being taken for a reinforced concrete swimming tank 50 by 100 feet, and for bath houses to be erected at the same place. Plans can be secured from the architect.

BONDS.

SACRAMENTO, CAL.—Urging that a bond election for \$2,425,000 to construct 271.55 miles of permanent roads and 64 bridges in Sacramento County, the County Highway Commission, composed of A. W. Stewart, A. Van Marren and T. B. Richards, has filed its report with the County Supervisors. The report was referred to the Board as a whole, who will take up the matter with the District Attorney, E. S. Wachhorst. It is understood that the

Supervisors will favor the calling of a bond election.

CURTIS CREEK SCHOOL DISTRICT, TUOLUMNE CO., CAL.—An election will be held here on August 10th for the voting of bonds in the sum of \$7,500 for the purpose of erecting a school house and the necessary equipment. Bonds are to be of the denomination of \$750 and will bear interest at the rate of 6 per cent per annum. Chas. W. Harvey, Chas. Meyer and B. A. Valverde are the Trustees of the District.

MOUNTAIN VIEW, SANTA CLARA CO., CAL.—At a special election held in the Mountain View School District to vote on the proposition to issue bond amounting to \$5,000 for a new building, the issue carried by a vote of 84 for the issue and 27 against.

REDONDO BEACH, LOS ANGELES CO., CAL.—A bond election held here to vote bonds of \$75,000 for the construction of a new grammar school building carried by a majority of 38 votes.

LONG BEACH, LOS ANGELES CO., CAL.—The City Council here has passed a resolution calling for an election to bond the city for \$1,100,000 for the purchase of the bath house company's property and the erection of an auditorium on the site.

EL CENTRO, IMPERIAL CO., CAL.—District Attorney Swing has received word from Wilson-Cramer Company, of Denver, that their attorneys have approved the bonds of the Holtville District. The bonds are for \$50,000, to be used for the construction of a new school building to be erected in the eastern part of this city.

DOWNNEY, LOS ANGELES CO., CAL.—An election will be held in the Downey School District on August 11th to vote on the question of issuing and selling bonds to the amount of \$35,000 to be used in the construction of school buildings. The bonds are to be of denomination of \$1,000 each. Interest 5½% payable annually. O. P. Towne, J. M. Reeves and Jos. Smith are the trustees of the district.

RIVERSIDE, RIVERSIDE CO., CAL.—An election held in Banning to vote on question of issuing bonds to the amount of \$3,000 carried by a large majority. A new school building will be erected.

GALLATIN SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election will be held here on August 10th to vote bonds of \$10,000 to be used in the construction of a new school building. Bonds are to be of denomination of \$1,000 each, numbered from 1 to 10, bond No. 10 running 12 years. Interest 5½% payable annually. W. H. Morrow, O. P. Williams and J. G. Nelson are the trustees of the district.

TEHAMA CO., CAL.—The State Board of Control has purchased \$10,000 of the municipal water works bonds of Tehama. The bid of the State has been accepted by the Tehama authorities.

The Board of Control is also bidding for the \$25,000 bonds of Napa to be used in the construction of bridges by that city.

GLENDAL, LOS ANGELES CO., CAL.—A bond election held in this city on July 21st for voting bonds of \$248,000 for the purchase of the systems of the four private water companies supplying the city and for the purchase of new equipment and laying of additional mains. There were 1,312 votes cast in favor of the issue and 612

against, giving the necessary two-thirds majority with 89 votes to spare. The city will take over the properties at once.

SAN FERNANDO, LOS ANGELES CO., CAL.—An election will be held on August 10th in the Pacoima School District to vote on the question of issuing and selling bonds to the amount of \$22,000. Funds to be used in the construction of a school building. Bonds are to be of denomination of \$1,000 each, numbered from 1 to 22, bond No. 22 being payable twenty-four years from date issued. Interest 5½% payable annually. C. W. Vaughn, H. P. Canby and E. C. Bowles are the trustees of the district.

UPLAND, SAN BERNARDINO CO., CAL.—A mass meeting will be called here by the Board of Trustees to discuss the proposition of voting bonds in the sum of \$15,000 for the erection of a city hall and fire house.

MERCED, MERCED CO., CAL.—The Board of Supervisors will soon call a special election in the Fifth Supervisorial District to vote bonds in the sum of \$400,000 for the improvement of highways. The work will include forty miles of highway from the Mountain House to the San Joaquin River, and twenty miles of road in the Dos Patos section and twenty miles in the Los Banos section.

HOLTVILLE, IMPERIAL CO., CAL.—A special election will be held here on August 17th to vote bonds of \$2,000 to be used in the construction of a bridge across the Alamo River.

WHITTIER, LOS ANGELES CO., CAL.—A bond issue in the sum of \$50,000 was voted at the special election here on July 1st and carried. The money will be used in the construction of a new fireproof school building.

ALBANY, ORE.—By a vote of 190 to 84 this city approved a bond issue of \$50,000 to erect a new school building to replace the Central Public School. The new building will be of brick construction.

HERMOSA BEACH, LOS ANGELES CO., CAL.—At a meeting of the Board of Trustees, August 25th was the date set for the voting of bonds of \$10,000 to cover the erection of a new city hall and fire station.

BLYTHE, RIVERSIDE CO., CAL.—An election will be held in Rocky Comfort School District on August 15th for the voting of bonds to the amount of \$4,000 for the erection of a school building.

EL CENTRO, IMPERIAL CO., CAL.—Bids will be received here by the Board of Supervisors on August 10th for the purchase of bonds of the Westmoreland School District amounting to \$5,000. M. S. Cook is the Clerk.

PRESCOTT, YAVAPAI CO., ARIZ.—A bond issue for \$250,000 for the erection of a county court house carried here by a large majority.

LIVE OAK SCHOOL DISTRICT, SUTTER CO., CAL.—An election held here to vote bonds of \$5,000 to be used in the construction of a school building carried by a vote of 73 to 38.

MECCA ROAD DISTRICT, RIVERSIDE CO., CAL.—Bonds voted here for \$50,000 to be used in the construction of roads carried by a vote of 68 to 34. This issue will provide funds for the much needed lateral roads to connect the outlying districts with the town of Mecca and other parts of the valley.

GRATON, SONOMA CO., CAL.—At an

election held here on July 25th for the purpose of voting bonds of \$3,000 to be used in making additions to the present school building, the issue was defeated by a vote of 30 in favor of the issue and 53 against. It is thought that another election will be held at an early date.

PETALUMA, SONOMA CO., CAL.—A special election for city improvement, which includes the elimination of Thompson Creek, placing of electrolators and paving of East Washington street, has been definitely decided upon by the City Council.

According to the estimates the cost of these improvements will run as follows: Paving of Washington street, \$20,000; \$45,000 for Thompson Creek and \$10,000 for electrolators.

REDONDO, LOS ANGELES CO., CAL.—Bonds have been voted here for a new \$40,000 grammar school building. Plans for the building have already been prepared by Architect L. B. Pemberton.

SANTA MONICA, LOS ANGELES CO., CAL.—An election held here to vote bonds of \$150,000 for proposed auditorium was defeated. There were 1,045 votes cast in favor of the issue and 1,150 against. It was proposed to construct the auditorium on the Municipal Pier.

WATTS, LOS ANGELES CO., CAL.—An election held here to vote bonds of \$50,000 carried by a large majority. Funds will be used in the construction of a high school building.

ETNA MILLS, SISKIYOU CO., CAL.—The citizens here voted a bond issue for \$21,000 to be used in the construction of sewers. Out of 186 votes cast but 23 were against the proposed issue.

ORLAND, GLENN CO., CAL.—Up to July 30th no bids were received here for the purchase of bonds amounting to \$15,000. It is thought that they will be sold to the State Board of Control, this body agreeing to purchase same if no other bids were accepted.

KENTFIELD SCHOOL DISTRICT, MARIN CO., CAL.—Sealed proposals will be received by T. J. Fallon, Treasurer of Marin County, until August 6th for the purchase of bonds amounting to \$17,000. Bonds will be in denomination of \$500 to \$1,000, numbered from one to twenty-one, each bearing interest at 5 per cent per annum. Funds will be used in the erection of a school building and improvements.

FRANKLIN SCHOOL DISTRICT, SUTTER CO., CAL.—Sealed proposals will be received here by the Board of Supervisors for the sale of bonds amounting to \$2,500, which will take place before the Board on August 27th. There are five bonds to be sold, each of the denomination of \$500, bearing interest at the rate of 6 per cent per annum, payable semi-annually.

BRIDGES AND DAMS.

CHICO, BUTTE CO., CAL.—Bridge, concrete construction. Cost not stated. Engineer, County Surveyor, Orville. Owners, Butte County. Plans and specifications have been approved for a reinforced concrete bridge in the Esplanade at Chico. Bids are now being taken and will be opened by the Board of Supervisors on August 7th. Plans can be secured from the County Surveyor.

SAN JOSE, SANTA CLARA CO., CAL.—Road culvert, reinforced concrete. Cost not stated. Engineer, County Sur-

Veyor, San Jose. Owners, Santa Clara County. Bids will be received on August 17th by the Board of Supervisors for constructing a road culvert on the Harwood Road south of Brannham Lane. Plans and specifications can be secured from the County Clerk.

SAN JOSE, SANTA CLARA CO., CAL.—Rubble wall, concrete and earth. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications have been completed for a rubble wall to be erected on Campbell Creek. Plans are now out for figures and bids will be opened on August 17th. Plans and specifications can be secured from the County Clerk.

FILLMORE, VENTURA CO., CAL.—Trestle bridge, reinforced concrete pile. Cost not stated. Engineer, County Surveyor, Ventura. Owners, Ventura County. Plans have been completed and have received the approval of the Board of Supervisors for 660-foot extension to the Bardsdale Creek near Fillmore. Bids will be opened on August 8th. Plans and specifications can be secured from the Clerk of the Board of Supervisors.

FALL RIVER MILL, SHASTA CO., CAL.—Bridge, steel or timber construction. Cost not stated. Engineer, County Surveyor, Redding. Owners, Shasta County. Plans have been accepted by the Board of Supervisors for a new bridge over the Pit River. Bids will be taken for either a wooden structure or steel span. The bridge will be 105 feet long. Bids will be called for at once.

Contracts Awarded.

MADERA, MADERA CO., CAL.—Bridges, 9, reinforced concrete. Cost not stated. Engineer, County Surveyor, Madera. Owners, Madera County. The Supervisors of Madera County have awarded nine bridge contracts—six to the Pacific Coast Construction Co. of Fresno and three to James Willison of Rockaway Beach, San Mateo Co. The Pacific Coast Construction Co.'s contracts are as follows. Over Ash Slough, 600 feet reinforced concrete, \$14,641; first slough south of Berenda, reinforced concrete, \$2,246; second slough south of Berenda, reinforced concrete, \$2,950; Cottonwood Creek, 175 feet, reinforced concrete, \$5,700; Fine Gold Creek, reinforced concrete, \$5,900, and Walker Creek, reinforced concrete, \$6,290. James Willison's contracts were as follows: Cottonwood Creek, reinforced concrete, \$6,341; Berenda slough, reinforced concrete, \$11,984, and Cottonwood Creek, reinforced concrete, \$5,693.

REDWOOD CITY, SAN MATEO CO., CAL.—Bridge and culvert, reinforced concrete and steel, \$3,800. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractors, Barrett & Hilp Sharon Bldg., S. F. Contract price, \$3,800.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge extension and culvert, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, John Doyle, San Jose. Contract price, culvert, \$1,563, bridge extension, \$643.

ALHAMBRA, LOS ANGELES CO., CAL.—Culvert, reinforced concrete, \$30,000. Engineer, City Engineer Charles E. Hewes, Alhambra. Owners, City of Alhambra. Contractors, Mesmer-Rice Co., Story Bldg., L. A. Contract price, \$30,000.

CHURCHES.

CALEXICO, IMPERIAL CO., CAL.—Church, 1 story and base, hollow tile construction, \$12,000. Architect's, Allison & Allison, Hibernian Bldg., L. A. Owners, Congregational Church of Cal-exico. The building will contain the main auditorium and Sunday school rooms. Interior will be finished in pine with ornamental plaster. There will be some marble and tile. Exterior of the building will be faced with cement plaster. Art glass windows are specified. Plans are being prepared. A. C. Wright is the pastor.

SAN DIEGO, SAN DIEGO CO., CAL.—Mission restoration, \$50,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Mission San Diego de Alcala. There are several buildings comprising the group known as the Mission San Diego de Alcala and all the buildings will be repaired. It is the intention of the commission now charged with raising funds for this work to adhere as nearly as possible to the workmanship and architectural style of the original buildings.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Factory, 4 story and base. Class A construction. Cost not stated. Architects, Lewis P. Hobart and Charles H. Cheney, Crocker Bldg., S. F. Owners, Shredded Wheat Co. This will be the first of a large group of Class A buildings to be erected on the property bounded by 12th and 14th streets, Popular and Union. The first building will cover a ground area of 81 by 201 feet and will be used as the factory, administration building and offices. Construction will be fire-proof throughout with reinforced concrete walls, floors and hollow tile interior partitions. A large roof garden will be one of the features of the building. Structural plans were prepared by the company's engineers and the local architects will do the architectural work and superintendence. The designs will be in the Mission style. Other buildings which will be erected on the property shortly will include an office building and a number of cottages. Special machinery to be installed has been designed by the company's engineers. Further mention will be made of the work when plans are ready for figures.

LOS ANGELES, CAL.—Factory and warehouse, 3 story and base, brick. Cost not stated. Architects, William Curlett & Son, Merchants' Trust Bldg., L. A. Owners, Rudgegar-Merle Co., S. F. The building will be erected at the corner of Alameda and Palmetto streets, covering an area of 160 by 272 feet. Construction will be of the class C type. Metal window sash and frames will be specified. There will be elevator service and fire doors. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Frank Garritta. The building will be erected on the east side of Scott street south of Chestnut, having a frontage of 25 feet and a depth of 54 feet. There will be a store on the first floor and two modern flats of five and six

rooms on the upper floors. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Terrazzo steps are specified. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, A. Radivoj. The building will be erected on Parker avenue near Geary, and has been designed for two six-room flats, each with a private garage in the basement. Interiors will be finished in pine with hardwood floors in the living and dining rooms. There will be open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architects, J. E. Kraft & Son, Phelan Bldg., S. F. Owner, Dr. J. N. Power. The building will be erected on 5th avenue near I street, and has been designed to contain two modern five and six room flats. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, Harry A. Larson, 3875 25th street, S. F. The building will be erected on the south side of 17th street west of Shrader, and will contain two flats of five rooms each with bath. Pine and redwood will be used for interior finish. There will be some oak floors. Plans provide for open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$10,000. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, William Greuner. The building will be erected on the east side of Claremont street south of Forest and has been designed to contain two large flats of ten rooms each. Interiors will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. A central heating system, probably furnace heat, will be installed. Bath rooms will be finished in tile. Open fire places and tile or brick mantels will be used. Exterior of the building will be covered with rustic. Plans are being prepared and when complete the work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Berkeley, Cal. Post Office.

In the construction of the U. S. post office at Berkeley, Cal., for which the Van Sant-Houghton Co., San Francisco, Cal., has the contract, oil-burning apparatus manufactured by the Fess System Co., motor and oil-burning apparatus manufactured by Holtzer-Cabot

Electric Co., and non-conducting covering manufactured by Reasbey & Mattison Co. will be used.

Astoria, Ore., Elevators.

As previously reported, the contract for the installation of a hydraulic freight lift, pumping plant, etc., in the U. S. custom house, Astoria, Ore., was awarded to the Otis Elevator Co., Washington, D. C., who will use fixtures and material manufactured by the following named firms in the prosecution of the work: Plumbing fixtures, Crane Co.; hydraulic lift, Otis; pump motor, Otis; pump motor controller, Sundh Electric Co.; hand power lift, Otis.

Denver, Colo., Mechanical Equipment.

As previously reported, the contract for the mechanical equipment of the U. S. post office at Denver, Colo., was awarded to the Christ Irving Plumbing & Heating Co., Denver, Colo., at \$177,934. In the prosecution of the work fixtures and material manufactured by the following named firms will be used: Plumbing fixtures, Federal-Huber Co.; garbage-burning water heater, Kewanee Boiler Works; sump pump, American Well Works; motor and rheostat, General Electric Co.; charging scales for boiler room, Fairbanks Co.; boiler, John O'Brien Boiler Works Co.; furnaces for boilers, Hawley Down-Draft Furnace Co.; damper regulator, Webster; pressure gauges, Marsh; exhaust head for vapor pipe, Sorge; direct-column pattern radiators, wall radiators, and hot-blast cast iron heaters, American Radiator Co.; gate valves, check valves, and safety valves, Crane Co.; blow-off and globe valves, Crane Co.; multi-blade fans, Buffalo Forge Co.; fan motors and rheostats, General Electric Co.; air washers, Warren-Webster Co.; air washer pumps, do; motors and rheostats, General Electric Co.; cabinet, Electrical Mfg. Co.; tablet, Trumbull Mfg. Co.; conduit, Western Conduit Co.; wire, General Electric Co.; cables, do; fuses, Conduit Electric Mfg. Co.; watt-hour meters, Sangamo Electric Co.; voltmeters, General Electric Co.; switchboard, Mountain Electric Co.; circuit breakers, General Electric Co.; knife switches, Trumbull Electric Mfg. Co.; plug receptacles and push-button switches, Arrow.

Phoenix Indian School Building.

The contract for the construction of a brick industrial building at the Phoenix Indian School, Ariz., has been awarded to Charles H. Odam, Phoenix, Ariz., at \$14,900.

Salt Lake City, Utah, Vault Shelving.

The contract for installing vault shelving in the U. S. post office at Salt Lake City, Utah, has been awarded to Van Dorn Iron Works, Cleveland, Ohio, at \$1,400.

San Diego, Wharf.

It has been decided by the bureau of yards and docks, Navy Department, to abandon the project for the construction of a small timber wharf at San Diego as advertised under specification 2054. Plans to accompany same will, therefore, not be issued.

Bozeman, Mont., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., July 20, for the construction, including

plumbing, gas piping, heating apparatus, electric conduits and wiring, inferior lighting fixtures, and approaches of the U. S. post office at Bozeman, Mont.:

Bid 1, Dieter & Wenzel Construction Co., Wichita, Kan.

2, Reynolds, Sypher & Shackleton, Butte, Mont.

3, Leighland, Kleppe & Co., Great Falls, Mont.

4, George Hinchliff Co., 1408 Security Building, Chicago, Ill.

5, M. L. Hollady, Greensboro, N. C.
Proposal No. 1 (using light-colored limestone for all exterior stonework, except where granite is required—Bid 1, \$69,989; 2, \$71,647; 3, \$67,400; 4, \$71,000; 5, \$67,023.

Proposal No. 2 (using light-colored sandstone for all exterior stonework, except where granite is required—Bid 1, \$71,000; 2, \$73,066; 3, \$67,200; 5, \$68,500.

For alternate No. 1 (substituting Keene's cement for hard plaster on walls of all finished rooms in first and second stories, as specified), add—Bid 1, \$758; 2, \$1,440; 3, \$1,000; 4, \$300; 5, \$541.20.

For alternate No. 2 (painting all plastered surfaces of walls, ceilings, etc., in all finished rooms, etc., throughout the building, as specified), add—Bid 1, \$2,200; 2, \$2,100; 4, \$900; 5, \$1,500.

For alternate No. 3 (substituting rough surface face brick for the selected common brick required for facing exterior walls above first floor level, as specified), add—Bid 1, \$1,450; 2, \$1,100; 3, \$850; 4, \$1,400; 5, \$1,200.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, \$650; 2, \$950; 3, \$725; 4, no bid; 5, no bid.

—HALLS & SOCIETY BLDGS—

SAN FRANCISCO—City Hall interior stone work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at Wednesday's meeting of the Board of Public Works for the interior stone work on the City Hall show McGilvray Stone Co. low on both propositions. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

CROCKETT, CONTRA COSTA CO., CAL.—Association building, 2 story and base, frame, \$22,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, Young Men's Christian Association. The building will be designed to contain class rooms, social rooms, library, a large auditorium and gymnasium. Interior will be finished in pine and redwood with some maple floors. There will be a central heating system and hot water supply. A large swimming tank will also be included. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Auditorium work. Class A construction, \$1,500,000. Supervising Architect J. J. Donovan, Oakland. Plans have been completed and approved for the following work in connection with the completion of the Municipal Auditorium: Elevators, curtain hoists, marble and tile work, cement finish, finish hardware, painting, seating, plaster and lathing and electric work. Bids are now being called

for and will be opened by the Oakland Council on August 20th. Plans and specifications can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

SAN JOSE, SANTA CLARA CO., CAL.—Lodge hall, 2 story and base, reinforced concrete, \$50,000. Architects, Aitken & Richards, Theatre Bldg., San Jose. Owners, San Jose Eagles All Association. The building will cover a considerable ground area and will be of fireproof construction. First floor will be occupied by stores. Upper floor will be arranged for offices of the organization, lodge rooms, social hall and banquet room. Interior will be finished in pine and hardwood with a maple floor in the banquet hall. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the architects.

SACRAMENTO, CAL.—Elevator equipment. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 30th by the State Board of Control for installing elevators in the State Library show the Pacific Gurney Co. of San Francisco the only bidder. Their figure was \$8,300 and has been rejected. The work will be re-advertised.

P O

FRESNO, FRESNO CO., CAL.—Post office remodeling, brick construction. Cost not stated. Architect, Supervising Architect Oscar Wendroth, Washington, D. C. Owners, United States Government. Bids will be opened on August 11th for repairs and remodeling of the United States post office at Fresno. Plans and specifications are on file with the Postmaster at Fresno or can be secured from the Supervising Architect at Washington. An official proposal will be found in this issue.

HOSPITALS

Contracts awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital dairy building, 1 story, concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Boxton, Dillon & Boxton, Hearst Bldg., S. F. Contract price, \$18,940. A complete list of the figures opened for this work will be found under the heading of Sacramento, Stockton and Northern California in this issue.

HOTELS.

LAKE TAHOE, PLACER CO., CAL.—Inn, 2 story, log construction, \$10,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on the shore of the lake and will contain offices, dining room, lobby and social rooms on the first floor. Upper floor will be arranged for guest rooms. The entire building will be finished in rustic style. There will be a large stone fire place in the lobby. Running water will be supplied to all rooms. Plans are now being prepared. Further mention will be made of the work.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$100,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, I. I. Dehall, Los

Angels. The building will be erected at the southwest corner of Market and 12th streets, extending through to Stevenson street. The Market street frontage will be 26 feet, 165 feet on 12th street and 75 feet on Stevenson. A light steel frame will be used with brick exterior walls faced with pressed brick and terra cotta. There will be seven stories on the first floor and a total of 160 guest rooms on the upper floors. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, vacuum cleaning, a hot water system and patent store fronts. Marble and tile wainscot will be used. Bath rooms will have tile floors and wainscot. Working drawings are nearly complete and figures will be called for in the course of two or three weeks. Further mention will be made of the work.

SAN FRANCISCO—Hotel, 6 story and base, brick and steel, \$100,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Dr. F. C. Keck. The building will be erected at the corner of O'Farrell and Leavenworth streets, and has been designed to contain in the neighborhood of 175 guest rooms, all of which will have private baths. There will be a light steel frame and brick exterior walls. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will be finished in tile. Ornamental plaster will be used in the entrance lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LODI, SAN JOAQUIN CO., CAL.—Hotel and stores, 4 story and base, brick and steel, \$75,000. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owners, Lodi Hotel Co. The building will cover an area of 50 by 100 feet and will contain a number of stores besides the hotel lobby and dining room on the first floor. Upper floors will contain in the neighborhood of 120 guest rooms, a number of which will have private baths. Interior finish will be of pine with some hardwood. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been completed and figures on the general contract will be called for at once. Foundation work is complete and a contract for the structural steel has been awarded to the Ralston Iron Works.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architect, Leonard L. Jones, 1125 Central Bldg., L. A. Owner, Arthur W. Fisher. The building will be erected on Hope street with a frontage of 60 feet and a depth of 150 feet. The building will contain office, lobby, parlors and about 88 guest rooms, 50 per cent of which will have private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. All bath rooms will have tile floors and wainscot. Exterior will be faced with pressed brick. Plans are being prepared.

An Australian has invented a waterproof electric motor to drive brushes against the hulls of vessels to clean them without dry docking.

RAILROAD CONST., STATIONS AND EQUIPMENT.

MODESTO, STANISLAUS CO., CAL.—Passenger station, 1 story and base, reinforced concrete. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Completed plans have been sent to Modesto for the new passenger station to be erected between I and J streets. The building will be in the Mission style and will cover an area of 50 by 150 feet. There will be two waiting rooms, agents' office and baggage room. Interior will be finished in pine and redwood. Tile floor will be used. There will be a central heating system. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being figured.

Contracts Awarded.

SAN FRANCISCO—Passenger station, 2 story and base, reinforced concrete. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Contractor, William A. Newsom, Sharon Bldg., S. F. Contract price, \$59,650. Note: This contract includes only the brick work, carpentry, mill work, glass and glazing and tile roof. Other parts of the work will probably be done by the owners under the Day Labor system.

RESIDENCES.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. The dwelling will be erected on Vienna street north of Persia, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with shiplap and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, P. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on Hillaway avenue near Carl. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$7,000. Architect, H. H. Gutterston, 50 Post street, S. F. Owner, Duncan McDuffie. The dwelling will be erected in St. Francis Wood and has been designed to contain eight rooms, two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine with hardwood veneer and hardwood floors in the living room, dining room, library and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and

brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$20,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Matthew A. Little. The dwelling will be erected at the southwest corner of Devisadero and Green streets and will contain 14 rooms, 3 baths and sleeping porch. A garage will occupy the basement. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be a hot water system of heating. Open fire places and tile or brick mantels will be used. Bath rooms will be finished in tile and will be equipped with showers. Imported tapestries will be used on the walls. Exterior of the house will be covered with pressed brick veneer. Plans are nearly complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, H. H. Gutterston, 50 Post street, S. F. Owner, Duncan McDuffie. The dwelling has been designed to contain eight rooms, two baths and sleeping porch, and will be erected in St. Francis Wood. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, William P. Nolan, 1530 Fillmore street, S. F. The dwelling will be erected on the west side of 17th avenue south of Anza, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$8,000 to \$12,000 each. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Matthew A. Little. These dwellings will be erected on a Fifty Vara lot recently purchased by Mr. Little. Pine, hardwood and white enamel will be used for interior finish. Red gum will be used in the halls. There will be furnace heat and hot water heater, open fire places, tile and brick mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath and brick veneer. Work will be done by Day Labor. Foundation work has been started on the first two dwellings.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,600. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Helen S. Treat. The dwelling has been designed for a seven room house and will be erected on the east side of 16th avenue north of Clement. The dwelling will be finished

in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans have been out for figures and a contract will be awarded shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the east side of 23rd avenue north of Irving and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,600. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling has been designed for a seven-room house and will be erected on 16th avenue near California street. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner and work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Martin. The dwelling has been designed to contain eight rooms and bath and will be erected on Piedmont avenue. Interior will be finished in pine with some hardwood veneer. There will be hardwood floors and open fire places. Furnace heat is specified. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, L. F. Hyde, Dalkiel Bldg., Oakland. Owner, S. Caraventa. The dwelling has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place and tile or brick mantel. The wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are complete and the architect is taking figures on the work.

SAN LORENZO, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Mr. Crane. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors

will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$2,000. Architect, L. F. Hyde, Dalkiel Bldg., Oakland. Owner, Mrs. Ellis. The dwelling will contain six rooms and bath, and will be erected on Alameda avenue near 11th street. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$3,250. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Anna M. Clark. The dwelling will be erected at the corner of Colusa and Posen streets, and has been designed for a seven-room house. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

REDWOOD CITY, SAN MATEO CO., CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Dr. A. Miles Taylor. The dwelling will contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. There will be an open fire place and tile or brick mantel. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with re-sawn rustic. Plans are complete and figures will be taken at once.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 and 2 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: J. F. Clark, 308 South 11th street, seven-room house, \$2,000; A. O. Kent, 146 South 22nd street, five-room house, \$2,000; J. J. Hanson, 140 North 16th street, four-room cottage, \$1,500, and Y. D. Brown, 723 Gifford, five-room cottage, \$1,600. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on the west side of 22nd avenue north of Anza street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will have tile wainscot and composition floors. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the

work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$25,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Joseph D. Tobin. The dwelling will be erected on California street, and has been designed to contain fourteen rooms, several baths and a sleeping porch. Interior will be finished in pine, hardwood and white enamel. Hardwood and in-land floors will be used in the principal rooms. There will be a central heating system, either steam or hot water, and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and will be equipped with showers. A vacuum cleaning system and hot water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKDALE, STANISLAUS CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Edward Gobin. The dwelling will contain seven rooms and bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, R. H. Cross, 1304 25th street, Oakland. The dwelling will be erected at the northeast corner of Claremont and Hillcrest, and has been designed for a ten-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Peter Anderson. The dwelling will be erected on 61st street and has been designed for a five-room house with bath. Interior will be finished in pine throughout. Some hardwood floors will be used. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,300. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Roger Coit. The dwelling has been designed for a seven-room house and will be erected at the corner of Staten and Palm streets. Interior will be finished in pine and redwood. There will be oak floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will

be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PARADISE, LOS ANGELES CO., CAL.—Residences, 2, 2 story and base, frame and plaster \$20,000 each. Architect, Leonard L. Jones, Central Bldg., L. A. Owners' names withheld. Each of these houses will contain eleven rooms and two baths. Interiors will be finished in pine and hardwood with hardwood floors. There will be three open fire places and tile mantels. Bath rooms will have tile wainscot and floors and will be equipped with showers. Automatic water heaters will be installed. Exterior of the houses will be covered with cement plaster on metal lath. Clay tile roofs will be specified. Plans are being prepared and construction will be started about September 1st.

Contracts Awarded.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and plaster. \$5,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Edmund Locke. Contractor, T. C. Voorhees, 904 West 56th street, L. A. Contract price, \$15,000.

SCHOOLS.

SAN FRANCISCO—School, 3 story and base, brick and steel, \$50,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Parish, Father M. D. Connolly in charge. The building will be erected at the northwest corner of 29th and Church streets. There will be a number of class rooms, main assembly hall and auditorium. Interior will be finished in pine and hardwood with maple floors in the class rooms. Plans provide for steam heat, an oil burning system and hot water supply. Plans have been completed and turned over to the owners who are doing the work by Day Labor and segregated contract. Exterior of the building will be faced with pressed brick.

CLOVIS, FRESNO CO., CAL.—Manual training department, 1 story, frame. Cost not stated. Architect, W. F. Bowen, Rowell Bldg., Fresno. Owners, Clovis High School District. Plans have been completed and are now out for figures for a one-story frame manual training building to be erected on the High School grounds. Interior of the building will be finished in pine. Exterior will be covered with cement plaster. Bids will be opened on August 5th. Plans can be secured from the architect. On the same day bids for furnishing manual training tools and supplies for the district will be opened. Complete particulars can be secured by addressing Secretary John E. Rutledge at Clovis.

TRES PINOS SCHOOL DISTRICT, SAN BENITO CO., CAL.—School, 1 story, frame. Cost not stated. Architect's name not given. Owners, Tres Pinos School District. The building has been designed to contain three rooms. Interior finish will be of pine throughout. The building will be heated by stoves. Composition blackboards will be used. A septic tank will be constructed, but is not included in the contract for the building. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the County Superintendent of Schools at Hollister. Bids will be opened on August 5th.

SONOMA, SONOMA CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, A. C. Lutgenes, 525 Market street, S. F. Owners, Sonoma School District. This building has been described here before when plans were first out for figures. The time for opening bids has been extended and plans can be secured from the architect in San Francisco.

FRESNO, FRESNO CO., CAL.—School addition, 2 story, brick. Cost not stated. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, City of Fresno. Bids opened for this work show Smith & Jones low at \$28,697. Bids were taken under advisement.

BURLINGAME, SAN MATEO CO., CAL.—School, 1 story, frame and plaster. Cost not stated. Architects, John Edwards and Ernest Norberg, San Mateo. Owners, Burlingame School District. The building will be erected in the Burlingame Meadows District and will contain three rooms. Interiors will be finished in pine throughout. There will be composition blackboards. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

PITTSBURG, CONTRA COSTA CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg School District. The building has been described in these columns before when plans were first out for figures. Bids ran too high and were rejected. There will be eight class rooms, assembly hall and principal's office. Interior will be finished with maple floors in the class rooms. Plans provide for a central heating system and modern school plumbing. Exterior of the building will be faced with pressed brick. Revised plans are now out for figures and bids will be opened on August 12th. Plans and specifications can be secured from the architect.

ALHAMBRA, LOS ANGELES CO., CAL.—School buildings, 1 and 2 story and base, brick, \$100,000. Architect, Norman F. Marsh, 212 Broadway, L. A. Owners, Alhambra School District. Working drawings are complete for the new High School group to be erected at Alhambra. Plans for the gymnasium have been revised, making it a two-story structure to be used by the city and the High School. Interiors will be finished in pine with hardwood floors. There will be the most modern school plumbing and fixtures. All buildings will be heated by steam furnished by a central heating plant housed in a separate building. Interiors will be faced with blue brick. Bids will be called for this week.

RANCHO LA BREA, LOS ANGELES CO., CAL.—Girls school, 2 story and base, brick, \$60,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Marlborough School for Girls, Mrs. Mary S. Caswell, principal. The building will be designed in the Colonial style in the shape of a hollow square, with a one story gymnasium building in the rear. The extreme dimensions will be 156 by 170 feet. Interior will be arranged for class rooms, assembly hall, living rooms and teachers' rooms. A number of sleeping porches, which will face an open patio, will be a feature of the building. Interior finish will be of pine. There will be a central heating system and modern school plumbing. Exterior of the building will be faced with cement

plaster. Plans are nearly complete.

HOLTVILLE, IMPERIAL CO., CAL.—School, 2 story and base, hollow tile construction, \$25,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville School District. The building will contain twelve class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are being completed. The sum of \$43,000 is available for constructing the building and purchase of the site.

Contracts Awarded.

SUNNYVALE, SANTA CLARA CO., CAL.—School, 1 story and base, frame and concrete, \$15,680. Architects, F. D. Wolfe & Son, San Jose. Owners, Sunnyvale School District. Contractor, V. E. Parrish, Sunnyvale. Contract price, \$15,680.

MODESTO, STANISLAUS CO., CAL.—Open air schools, 2, 1 story, frame. Cost not stated. Architect, none. Owners, City of Modesto. Contractors, W. J. Kerry and L. F. Free, Modesto. Contract price, \$2,168.

CHEROKEE SCHOOL DISTRICT, GLENN CO., CAL.—School, 1 story and base, reinforced concrete, \$6,628. Architect, Clarence L. Styles, 216 Parker avenue, Berkeley. Owners, Cherokee School District. Contractor, W. R. Zumwalt, Willows. Contract price, \$6,628.

LOS ANGELES, CAL.—School additions, 1 story, brick and frame, \$14,425. Architect, Architectural Dept. Board of Education, L. A. Owners, City of Los Angeles. Contractors, May & Grimwood, Union Oil Bldg., L. A. Contract price, \$14,425.

TUSTIN, ORANGE CO., CAL.—School, 2 story and base, brick, \$45,000. Architects, Elwing & Tedford, Santa Ana. Owners, Tustin School District. Contractor, George Keuchel, Orange. General construction, \$35,420, heating and ventilating, John McFadden, Santa Ana, \$3,925.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 24th at 2 p. m. for constructing state highways in the following counties: Santa Barbara, 6.5 miles; San Benito, 4 miles; Kern, 17.3 miles; and in San Diego, 1.6 miles. An official proposal for this work appears in another column of this issue. Plans and specifications together with full particulars can be secured by addressing the State Highway Commission at Sacramento.

FAIRFAX MARIN CO., CAL.—Subdivision work, \$100,000. Engineer, E. J. Morser, Monadnock Bldg., S. F. Owners, eastern capital represented by Ferguson-Brunner Co., S. F. A number of eastern capitalists have purchased the famous old Fairfax Park tract embracing about 400 acres, and are about to put the property on the market in acre tracts for suburban homes. Surveyors are now engaged in making the surveys for roads, side-walks and sewers. There will be a large amount of grading, macadamizing and concrete work. Bids will be taken in about two weeks.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKSEstablished 1886—Incorporated 1913
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Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

SACRAMENTO, CAL.—Sewer pumping machinery. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids opened for furnishing and installing pumping machinery in the Riverside avenue sewer station show Teichert & Ambrose of Sacramento low at \$42,000. Keating & Holt were the only other bidders at \$45,000.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer work, \$50,000. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Engineer has plans nearly complete for sewer extensions in the western part of the city, and will submit the same to the City Council at their next meeting. The work has been estimated to cost \$50,000.

VALLEJO, SOLANO CO., CAL.—Intersecting sewer. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Plans have been completed for intersecting sewer No. 2, and figures are being taken. Bids will be opened on August 10th instead of August 20th as at first advertised. Plans and specifications can be secured from the City Clerk.

VISALIA, TULARE CO., CAL.—Sewer system extensions. Cost not stated. Engineer, City Engineer McCabe, Visalia. Owners, City of Visalia. City Engineer McCabe of Visalia is rapidly completing plans for an extensive new sewer system to be installed. Several new real estate additions to Visalia have made the extensions of sewers necessary.

OAKLAND, CAL.—Road repairs. Cost not stated. Engineer, County Surveyor, Oakland. Owners, Alameda County. Plans are complete and figures will be opened by the Board of Supervisors on August 10th for repairs to the Niles Canyon Road in Alameda County. Plans and specifications can be secured from the County Clerk.

CALEXICO, IMPERIAL CO., CAL.—Pipe line water supply, \$25,000. Engineer, City Engineer, Calexico. Owners, City of Calexico. The City Engineer has been instructed to prepare plans at once for a pipe line or an enclosed conduit from the central main canal to the city's reservoirs which will greatly improve the city's water supply. Bids will be called for shortly.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvement, \$80,381.98. Engineer, City Engineer, Stockton. Owners, City of Stockton. The Federal Constructing Co. of San Francisco has been awarded a contract for street improvements in the Oaks on their bid of \$80,381.98. The contract includes asphalt macadam, gravel alleys, concrete walks, curbs and gutters. The contractors will put in a new plant at Stockton to handle this work and any additional work in that section of the state.

RICHMOND, CONTRA COSTA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Two street contracts were awarded at the last meeting of the City Council. The Municipal

Improvement Co. was awarded the contract for the improvement of Pullman avenue on their bid of \$54,593.42, and L. L. Puge was awarded the contract for the improvement of Clinton avenue at \$16,193.17.

WILLOWS, GLENN CO., CAL.—Street improvement, \$18,000. Engineer, City Engineer, Willows. Owners, City of Willows. Contractors, Clarke & Henery Construction Co., Sacramento. Contract price, \$18,000.

STORES.

SAN FRANCISCO—Loft addition, 1 story, brick. Cost not stated. Architect, Phillip Overman, Shreve Bldg., S. F. Owners, Crocker Estate. The present one-story building at the southeast corner of Ecker and Jessie street will be altered and a one-story addition constructed. The upper floor and basement will be occupied by a printing establishment. Interior will be finished in pine. There will be a freight elevator. Exterior of the building will be faced with stock brick. Plans are complete and a contract will be awarded shortly.

PHOENIX, ARIZ.—Stores and offices, 3 story and base, Class A construction, \$175,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Dwight E. Heard. The building will be erected on Central avenue, covering an area of 70 by 146 feet. Construction will be of the Class A type throughout with a complete steel frame, reinforced concrete wall and floors. There will be several stores in the first floor and a total of 156 offices on the upper floors. Interiors will be finished in pine and hardwood with metal trim and metal window frames and sash. Marble and tile will be used in the stores and entrance lobby. Plans provide for steam heat, elevator service, vacuum cleaning and water supply. Exterior will be faced with pressed brick. Plans have been revised and new figures will be called for shortly.

THEATRES.

MARTINEZ, CONTRA COSTA CO., CAL.—Theatre, 1 story, brick, \$5,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Cornelia Gray. The building has been designed for a motion picture house and will contain one store besides the theatre. Interior will be finished in pine throughout. A cement floor will be used. Ornamental plaster is specified. Special electric work will be installed. There will be a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 1 story and base, Class C construction, \$12,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Ellison and George Clark. The building will be erected at the corner of Durant and Telegraph, covering a large ground

area. The building will contain one store besides the motion picture theatre. Interior will be finished in pine and ornamental plaster. A modern system of ventilation will be installed. Special electric work is specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and in the hands of the owners who are taking segregated figures on the work.

LONG BEACH, LOS ANGELES CO., CAL.—Theatre, 3 story and base, Class A construction, \$125,000. Architect, Irving J. Gill, 913 South Figueroa street, L. A. Owner, Homer Laughlin. The proposed building will be erected at the corner of Fourth and Pine streets, and is being promoted by Archie Levy. A proposition to market a bond issue of \$120,000 will be submitted to the Long Beach Chamber of Commerce, and if accepted working drawings will be prepared. Further mention will be made of this work if the bond issue is floated.

SEALED PROPOSALS.**PROPOSALS FOR AUDITORIUM WORK.**

PURSUANT to Resolution No. 5527 N. S., passed July 22, 1914, the Council of the City of Oakland will receive bids for furnishing all of the material, labor and workmanship required in connection with the construction, erection and finish of Elevators and Curtain Blinds, Marble and Tiling, Cement Finish, Finished Hardware, Painting, Seating, Plastering and Lathing and Electrical Work for the Auditorium Building to be erected on the grounds of Perini Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Auditorium," (specifying work bid upon) addressed to the Council and deposited by the bidder or his agent, at the City Hall, in session, between 11 o'clock a. m. and 12 o'clock Noon, Pacific Time, on the 20th day of August, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by and be in accordance with the plans, drawings and specifications prepared therefore and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent of the aggregate amount of the proposal. Said check shall be forfeited to and retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty days after receiving notice of award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditorium a bond guaranteeing to the City the faithful performance of the contract and in an amount equal to twenty-five per centum (25%) of the amount named in that agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposal and of the required affidavits, agreement, bond, acknowledgment and specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after July 28th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any provision of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder, required by Section 126 of the Charter of the City of Oakland.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR OIL BURNING PLANT.

OIL BURNING PLANT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m., August 25, 1914, and then publicly opened, for an oil-burning plant for heating boiler in the United States post office and custom house at Eureka, Cal. In accordance with specification and drawing, copies of which may be obtained at this office or at the office of the custodian at Eureka, Cal., in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR ICE PLANT.

ICE AND STORAGE PLANT—Sealed proposals indorsed "Proposals for Ice-Making and Cold-Storage Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 20, 1914, and then there publicly opened, for building and equipping an ice-making and cold-storage plant at the United States naval station, Pearl Harbor, Hawaii, appropriation available, \$25,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR HOISTING TOWER.

HOISTING TOWER—Sealed proposals indorsed "Proposal for Coal-hoisting Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., August 19, 1914, and then there publicly opened, for coal-hoisting tower for the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, Room 213, in the Service Building Fillmore and Chestnut Streets, San Francisco, California, at 10 o'clock a. m., Wednesday, August 11th, 1914, for furnishing and installing lighting fixtures in The Exposition Auditorium Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific Interna-

tional Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that with the accepted proposals or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which will be returned to the contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING. CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State laws as follows:

Until 11 o'clock A. M., August 10, 1914, Mendocino County from 2 1/2 miles north of Hopland to Ukiah (I-Men-1-B) about 11.4 miles in length, to be graded and a portion paved with Portland cement concrete.

Humboldt County from Miranda to Jewville (I-Hum-1-C), about 13.8 miles in length, to be graded.

Santa Clara County from Santa Clara to San Jose (IV-S. Cl-2-A), about 1.9 miles in length, to be built of Portland cement concrete with asphaltic wearing surface.

Santa Clara County from the northern county boundary to San Jose (IV-S. Cl-3-A), about 8.3 miles in length, to be built of Portland cement concrete.

Contra Costa County from San Pablo Creek to Pinole (IV-V. Co-2-B), about 3.6 miles in length, to be graded.

Until 2 o'clock P. M., August 10, 1914, Humboldt County from Shively to Jordan Creek (I-Hum-1-D), about 2.7 miles in length, to be graded.

Alameda County from Greenville to Livermore (IV-Ala-5-A), about 5.0 miles in length, to be built of Portland cement concrete.

Santa Barbara County from El Capitan Creek to Alcatraz (V-S. B 2-F), about 9.3 miles in length, to be graded.

Orange County from Orange to Irvine (VII-Or-2-B), about 9.4 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-Imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineer in the divisions in which the work is situated. The Division Engineers' offices are located at Willets, Dunnsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The successful bidder of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for

the best interests of the State.
CHARLES D. BARNY,
NEWELL D. DARRINGTON,
CHARLES F. STEIN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CAULETON,
Acting Secretary. (*)

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Phoenix, Ariz., until 2 o'clock p. m., August 17, 1914, for the construction of the Cave Creek cutoff of the Arizona Canal, Salt River Project, Ariz., from the necessary laterals in connection therewith, involving approximately 131,000 cubic yards of excavation and 300 cubic yards of concrete structure. The work is situated near the town of Glendale, Ariz. For particulars address the United States Reclamation Service, Phoenix, D. C., or Phoenix, Ariz. P. H. NEWELL, director.

PROPOSALS FOR MACHINERY.

MACHINERY—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Washington Canal locks will be received at this office until 12 m., August 10, 1914, and then publicly opened. Information on application at engineer office, Seattle, Wash.; Pittsburgh, Pa., and Chicago, Ill. J. E. CAVANAUGH, major, engineers.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m., August 22, 1914, for the construction, complete (including mechanical equipment, except elevator, lighting fixtures and approaches), of the United States post office and court house at Medford, Oreg. Three-story and basement building, ground area 5,500 square feet, first floor fire proof, stone, ornamental terra cotta, and brick construction and composition roof. Drawings and specifications may be obtained from the custodian of site at Medford, Oreg., and include the services of the supervising architect. Drawings and specifications will be ready for delivery after July 8, 1914. O. WENDEOTH, supervising architect.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Board of Trustees of the Carnegie Public Library of Corning, California, to and including Thursday, August 13, 1914, at 8 o'clock p. m.; all bids then and there to be publicly opened and read for furnishing the necessary materials and labor for the construction thereof to wit:

One one-story and basement building for Library purposes according to plans and specifications now on file with the Secretary of said Board of Trustees.

Bids must be on both reinforced concrete throughout and a combination of concrete for basement and brick for the upper story.

Cash, a bidder's bond or certified check in the sum of ten (10) per cent of the bid must accompany each bid.

Blueprints and specifications may be obtained by application to the Secretary of the Board, or may be seen at the office of Charles A. Frapp, architect, 2416 Parker street, Berkeley, California.

All bids must be addressed to R. B. Frapp, Secretary, Corning, California, and plainly marked on the envelope "Proposals for the Construction of the Carnegie Public Library, Corning."

Signed R. B. FRAPP, Sec.

PROPOSALS FOR LOCK MACHINERY.

LOCK MACHINERY—U. S. Engineer Office, Burke Building, Seattle, Wash.—Sealed proposals for machinery and valves for Lake Washington Canal locks will be received at this office until 12 m., August 10, 1914, and then publicly opened. Information on ap-

lication at the engineer's office, Seattle, Wash., J. E. CAVANAUGH, major, engineers.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 19th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful per-

formance of contract has been fixed at \$300,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Erecting Five Industrial Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 15, 1914, and then and there publicly opened, for erecting five industrial buildings at the United States naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. The dwelling will be erected on Vienna street north of Persia, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room mand kitchen will have tile wainscot. Exterior of the house will be covered with shiplap and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with bath and will be erected on Hillway avenue near Carl. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—1½ story and base, frame, \$7,000. San Francisco. Architect, H. H. Gutterson, 80 Post street, S. F. Owner, Duncan McDuffie. The dwelling will be erected in St. Francis Wood, and has been designed to contain eight rooms, two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine with hardwood veneer and hardwood floors in the living room, dining room, library and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$20,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Matthew A. Little. The dwelling will be erected at the southwest corner of Devisadero and Green streets, and will contain fourteen rooms, three baths and sleeping porch. A garage will occupy the basement. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be a hot water system of heating. Open fire places and tile or brick mantels will be used. Bath rooms will be finished in tile and will be equipped with showers. Imported tapestries will be used on the walls. Exterior of the house will be covered with pressed brick veneer. Plans are nearly complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, H. H. Gutterson, 80 Post street, S. F. Owner, Duncan McDuffie. The dwelling has been designed to contain eight rooms, two baths and sleeping porch, and will be erected in St. Francis Wood. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, William P. Nolan, 1530 Fillmore street, S. F. The dwelling will be erected on the west side of 17th avenue south of Anza, and has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—4, 2 story and base, frame, \$8,000 to \$12,000 each. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Matthew A. Little. These dwellings will be erected on a Fifty vara lot recently purchased by Mr. Little. Pine, hardwood and white enamel will be used for interior finish. Red gum will be used in the halls. There will be furnace heat and hot water heater, open fire places, tile and brick mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath and brick veneer. Work will be done by Day Labor. Foundation work has been started on the first two dwellings.

RESIDENCE—2 story and base, frame, \$4,600. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Helen S. Treat. The dwelling has been designed for a seven-room house and will be erected on the east side of 16th avenue north of Clement. The dwelling will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and floors will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans have been out for figures and a contract will be awarded shortly.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the east side of 23rd avenue north of Irving and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being taken.

RESIDENCE—2 story and base, frame, \$4,600. San Francisco. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling has been designed for a seven-room house, and will be erected on 16th avenue near California street. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner and work will be done by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—4 story and base, brick and steel, \$40,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, M. S. Shaw, 235 Pine street. The building will be erected on the south side of O'Farrell street east of Van Ness avenue and will have a frontage of 52½ feet and a depth of 120 feet. There will be a total of forty suites of two and three rooms. All apartments will have

wall beds and private bath rooms. There will be steam heat and a hot water supply, elevator service and portable vacuum cleaning. Bath rooms will be finished in tile with composition floors. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and the owner will start the work at once under the Day Labor system.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, A. Samburck. The building will be erected at the southwest corner of Jackson and Mason streets, covering an area of 25 by 57½ feet. There will be two stores on the first floor and four suites of four rooms each on the upper floors. Interior finish will be of pine throughout. All suites will have private baths and wall beds. Bath rooms will have tile wainscot and composition floors. Plans provide for a hot water system. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, P. D. Bernhardt. The building will be erected on Carl near Shrader street, and will have a frontage of 27 by 112½ feet. There will be seven suites of three and four rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. All apartments will have wall beds and private baths. Bath rooms will have tile floors and wainscot. Simplex windows are specified. Plans provide for steam heat and a hot water system. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be taken shortly.

FLATS—3 story and base, frame \$7,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Frank Giaritta. The building will be erected on the east side of Scott street south of Chestnut, having a frontage of 25 feet and a depth of 54 feet. There will be a store on the first floor and two modern flats of five and six rooms on the upper floors. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Terrazzo steps are specified. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, A. Radivoj. The building will be erected on Parker avenue near Geary, and has been designed for two six-room flats, each with a private garage in the basement. Interiors will be finished in pine with hardwood floors in the living and dining rooms. There will be open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architects, J. E. Kraft & Son, Phelan Bldg., S. F. Owner, Dr. J. N. Power. The building will be erected on 5th avenue near I street, and has been designed to contain two modern five and six room

flats. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, Harry A. Larson, 2878 25th street, S. F. The building will be erected on the south side of 17th street west of Shrader, and will contain two flats of five rooms each with bath. Pine and redwood will be used for interior finish. There will be some oak floors. Plans provide for open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOTEL—5 story and base, brick and steel, \$100,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, I. I. Dehail, Los Angeles. The building will be erected at the southwest corner of Market and 12th street extending through to Stevenson street. The Market street frontage will be 26 feet, 165 feet on 12th street and 75 feet on Stevenson. A light steel frame will be used with brick exterior walls faced with pressed brick and terra cotta. There will be seven stores on the first floor and a total of 160 guest rooms on the upper floors. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service, vacuum cleaning, a hot water system and patent store fronts. Marble and tile wainscot will be used. Bath rooms will have tile floors and wainscot. Working drawings are nearly complete and figures will be called for in the course of two or three weeks. Further mention will be made of the work.

HOTEL—6 story and base, brick and steel, \$100,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Dr. F. C. Keck. The building will be erected at the corner of O'Farrell and Leavenworth streets, and has been designed to contain in the neighborhood of 175 guest rooms, all of which will have private baths. There will be a light steel frame and brick exterior walls. Interior will be finished in pine and hardwood. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will be finished in tile. Ornamental plaster will be used in the entrance lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

CITY HALL INTERIOR STONE WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at Wednesday's meeting of the Board of Public Works for the interior stone work on the City Hall show McGilvray Stone Co. low on both propositions. They will probably be awarded the contract. A complete list of these figures will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Archi-

tect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on the west side of 22nd avenue north of Anza street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$25,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Joseph O. Tobin. The dwelling will be erected on California street, and has been designed to contain fourteen rooms, several baths and a sleeping porch. Interior will be finished in pine, hardwood and white enamel. Hardwood and inlaid floors will be used in the principal rooms. There will be a central heating system, either steam or hot water, and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and will be equipped with showers. A vacuum cleaning system and hot water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—3 story and base, brick and steel, \$50,000. San Francisco. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, St. Paul's Parish, Father M. D. Connolly in charge. The building will be erected at the northwest corner of 29th and Church streets. There will be a number of class rooms, main assembly hall and auditorium. Interior will be finished in pine and hardwood with maple floors in the class rooms. Plans provide for steam heat, an oil burning system and hot water supply. Plans have been completed and turned over to the owners who are doing the work by Day Labor and segregated contract. Exterior of the building will be faced with pressed brick.

LOFT ADDITION—1 story, brick. Cost not stated. San Francisco. Architect, Phillip Overman, Shreve Bldg., S. F. Owners, Crocker Estate. The present one-story building at the southeast corner of Ecker and Jessie streets will be altered and a one-story addition constructed. The upper floor and basement will be occupied by a printing establishment. Interior will be finished in pine. There will be a freight elevator. Exterior of the building will be faced with stock brick. Plans are complete and a contract will be awarded shortly.

Contracts Awarded.

PASSENGER STATION—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Contractor, William A. Newsom, Sharon Bldg., S. F. Contract price, \$59,650. Note: This contract includes only the brick work, carpentry, mill work, glass and glazing and tile roof. Other parts of the work will probably be done by the owners under the Day Labor system.

City Bids Opened.

Board of Public Works Received Only Two Figures For Inferior Stone Work on New City Hall.

Bids were opened by the Board of Public Works on Wednesday for furnishing all labor and materials in connection with the inferior stone work for the New City Hall. Two propositions were submitted by the bidders. Following is a list of the bids received:

Inferior Stone Work City Hall.
McGillvray Stone Co. (a) \$14,000; (b) \$138,000.
Colusa Sandstone Co. (b) \$151,500.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
2565	Horsburgh	Franzen	500
2566	Heyman	Heyman	2500
2567	Meiers	Moore	1000
2568	Cohn	Hardy	500
2569	Farner	Emanuel	400
2570	Peters	Peters	4100
2571	Comb Amsmits	Owner	70000
2572	Same	Same	15000
2573	Same	Same	12000
2574	Virginia	Franz	15362
2575	Katz	Hurley	2048
2576	Same	Van Emon	2660
2577	Bonavia	Francesconi	4550
2578	O'Rourke	Props	3245
2579	Vendt	Stiefel	4772
2580	Pabst	Ludlow	7200
2581	Bercovitz	Klein	450
2582	Pristella	Pristella	400
2583	Holbrook	Moore	4500
2584	Nat'l Supply	Van Sant	750
2585	Nolan	Nolan	2300
2586	Olsen	Hansen	2400
2587	Allen	Allen	4000
2588	Same	Same	4000
2589	Turney	Evans	11500
2590	Knecht	McClenahan	11155
2591	Hollenbeck	Ruegg	5975
2592	Cordes	Peterson	4295
2593	Lackman	Montgomery	2628
2594	McConahy	Brutcher	12855
2595	McLaughlin	Van Emon	1112
2596	Mazzini	Cuneo	2600
2597	Wheeler	Ryan	600
2598	S F Hardware	Holm	500
2599	Corcoran	Serguson	500
2600	Payne	Moore	1950
2601	Heitzeroth	McCubert	475
2602	Bernhardt	Stevenson	500
2603	McClelland	Anderson	500
2604	Shamrock Isle	Larsen	50000
2605	Keefe	Johnson	3835
2606	Same	Roscut	6794
2607	Radenheim	Ratto	761
2608	Hinz	Carson	22500
2609	Smith	Demarais	3050
2610	Frederique	Savage	4840
2611	Gerdes	Casty	2955
2612	Connolly	Connolly	50000
2613	Payne	Payne	35000
2614	Bayles	Bayles	12000
2615	Philippines	Strehlow	29234
2616	Shower	Show	40000
2617	Heine	Lee	3000
2618	Sullivan	Coburn	9000
2619	Treat	Petersen	4530
2620	S F Incubator	Hm. Clinton	54500
2621	Radivoj	Wallen	5300
2622	Cuba	Fleming	50000
2623	Phely	Emanuel	1500
2624	Lamerdin	De Martini	1800
2625	Ladira	McCormick	2903
2626	New York	Campbell	35600
2627	Cath Archb	Kyle	2000
2628	Snence	Feerick	2900
2629	Grant	Mahoney	2500
2630	Dematei	Devencenzi	5850
2631	Town & Cty Clb	Gorickie	9850
2632	Scully	Batchelder	29000
2633	McClure	Moren	1800
2634	Ratti	Demartini	4500
2635	Glover	Verner	2150
2636	Tawton	Adams	1710
2637	Heffin	Ward	32120
2638	P I E	Strehlow	53000
2639	Colman	Johnson	2500
2640	Nelson	Nelson	2500
2641	McBrenock	Johnson	1100
2642	Krifer	Gilson	5000
2643	Ffynn	Dilks	1500
2644	Haultain	Rasselt	3100
2645	Head	Shintani	400
2646	Fontanello	Fontanelin	1000
2647	McClellan	McCarthy	300
2648	McArthur	McArthur	2000

2619	Boma	Brumfield	400
2620	Hamill	Hamill	2000
2621	McDuffie	Mason	6500
2622	Allen	Zimmerman	450
2623	Larson	Larson	2500
2624	Hirschfelder	McLaughlin	5000
2625	Campbell	Coburn	10000
2626	Paume	Steur	5900
2627	Kingston	Burns	1157
2628	Wethelmer	Fletcher	8500
2629	Mulligan	Steur	12800

(2565) NE DEVISADERO & UNION.
One-story frame garage.
Owner.....Jas. Hlorsburgh, Premises.
Architect.....None.
Contractor..Swenson & Franzen, 230 Tehama, San Francisco.
COST, \$500

(2566) E TWENTY-THIRD AVE 125 N Irving. Two-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect.....None.
Day's work. COST, \$2500

(2567) SW SEVENTEENTH & YORK.
Move and repair present building.
Owner.....Mrs. G. Meiers.
Architect.....None.
Contractor..Moore & Carlson, 1800 Market, San Francisco.
COST, \$1000

(2568) SW GAVIN AND SAN BRUNO.
Move and repair store.
Owner.....Samuel Cohn, 2300 San Bruno Ave., S. F.
Architect.....None.
Contractor..Mark Hardy, 65 Steuben, San Francisco.
COST, \$500

(2569) SE GRANT AVE & MANILA.
Minor repairs to store.
Owner.....Warner Bros. & Co., 28 Geary, San Francisco.
Architect.....None.
Contractor..L. & E. Emanuel, 144 12th, San Francisco.
COST, \$400

(2570) E SIXTEENTH AVE 238-6 S California. Two-story and basement frame dwelling.
Owner.....J. M. Peters, 1010 Balboa, San Francisco.
Architect.....None.
Day's work. COST, \$4500

(2511) EXPOSITION SITE. Circular grandstand (Submarine Concession).
Owner.....Combined Amusements Co. Phelan Bldg., S. F.
Architect.....A. J. Bain, Phelan Bldg., San Francisco.
Engineer..J. B. Howell.
Day's work. COST, \$70,000

(2572) EXPOSITION SITE. One-story and plaster building (Dayton Flood).
Owner.....Combined Amusements Co. Phelan Bldg., S. F.
Architect.....A. J. Bain, Phelan Bldg., San Francisco.
Day's work. COST, \$15,000

(2573) EXPOSITION SITE. One-story frame and plaster building (Alligator Farm).
Owner.....Combined Amusements Co. Phelan Bldg., S. F.
Architect.....A. J. Bain, Phelan Bldg., San Francisco.
Day's work. COST, \$12,600

(2574) EXPOSITION SITE. One and one-half-story frame and plaster

building (Known as Virginia State Building).
Owner.....State of Virginia Panama-Pacific Exposition Commission, San Francisco.
Architect.....Charles K. Bryant, Richmond, Virginia.
Contractor..Val Franz and Fred Fischer, 150 Jessie, S. F.
COST, \$15,902

(2575) NW CALIFORNIA & HYDE W 87-6XN 87-6. Steam heating plant for five-story and basement brick bldg.
Owner.....George G. Gustave A. and Louis R. Katz, Lena S. Kalben and Frieda P. Sherwood, California Market, San Francisco.
Architect.....Herman Barth, 12 Geary, San Francisco.
Contractor..J. C. Hurley, 12 Geary, San Francisco.

Filed July 27, '14. Dated July 21, '14.
Roughed in\$768
Completed and accepted 768
Usual 35 days..... TOTAL COST, \$2048
Bond, \$1050. Surety, New England Casualty Co. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(2576) ONE PASSENGER ELEVATOR and one pull rope freight elevator on above.
Contractor..B. C. Van Emon Elevators, Inc., 235 1st, S. F.

Filed July 27, '14. Dated July 8, '14.
Machines delivered at building. 1/2
Elevators running 1/4
Usual 35 days..... TOTAL COST, \$2660
Bond, \$1330. Surety, National Surety Co. Limit, forfeit, none. Specifications only filed.

(2577) S LOMBARD 164-10 E Devisadero E 25 S 149-5 1/2 m or 1 SW 25 m or 1 N 150. All work except gas and electric fixtures, shades and finish hardware for three-story frame dwelling.
Owner.....Frank & Paolina Bonavia, 2457 Lombard, S. F.
Architect.....Domenico Francesconi.
Contractor..Domenico Francesconi, 151 Pixley, San Francisco.

Filed July 27, '14. Dated July 26, '14.
Roof on\$1212.50
Brown coated 1212.50
Completed 1212.50
Usual 35 days..... 1212.50
TOTAL COST, \$4850.00
Bond, \$2500. Surety, Martino Scatena and F. Depauli. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2578) S MINNA 125 W Eighth. All work for two-story and basement frame flats.
Owner.....P. S. O'Rourke, 1123 Natoma, San Francisco.
Architect.....none.
Contractor..Walker Props, 1301 Gough, San Francisco.

Filed July 27, '14. Dated July 23, '14.
Roof on 25%
Brown coated 25%
Completed 25%
Usual 35 days..... 25%
TOTAL COST, \$3365
Bond, \$1682. Surety, W. G. Hyman. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2579) W TWELFTH AVE 100 N Geary N 25xW 120. All work for two-story

and basement frame building (two flats).
 Owner.....Albert & Anna Vendi, 526 6th Ave., San Francisco.
 Architect...None.
 Contractor...John V. Stiefel, 633 Anza, San Francisco.
 Filed July 27, '14. Dated July 24, '14.
 Frame up\$1193
 Brown coated 1193
 Completed 1193
 Usual 35 days..... 1193
TOTAL COST, \$4772
 Bond, limit, forfeit, none. Plans and specifications filed.

(2580) NE POWELL AND ELLIS. All work for alterations and additions in 1st floor and basement of building.
 Owner.....Pabst Brewing Co. of Milwaukee.
 Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
 Contractor...J. R. Wilson and J. T. Ludlow, 604 Mission, S. F.
 Filed July 27, '14. Dated July 23, '14.
 Ready for plastering.....\$1800
 Plaster finished and concrete concrete stairs set..... 1800
 Completed and accepted..... 1800
 Usual 35 days..... 1800
TOTAL COST, \$7200
 Bond, \$2600. Surety, Globe Indemnity Co. Limit, Oct. 1, 1914. Forfeit, none. Plans and specifications filed.

(2581) NOS. 29, 31, 33, 35 BELCHER. Minor repairs to flats.
 Owner.....H. Bercovitz, 837 Clement, San Francisco.
 Architect...None.
 Contractor...F. A. Kleia, 1423 24th Ave., San Francisco.
COST, \$450

(2582) SW RHODE ISLAND AND Eighteenth. Construct wall and minor repairs.
 Owner.....Jos. Pristella, 603 Rhode Island, San Francisco.
 Architect...None.
 Day's work.....
COST, \$400

(2583) NOS. 557-61 MISSION. Repair plastering in elevator shaft, over haul doors and windows, etc., for stores and lofts.
 Owner.....Chas. Holbrook, 58 Sutter, San Francisco.
 Architect...N. Blaisdell, 255 California, San Francisco.
 Contractor...C. P. Moore Bldg. Co., Sharon Bldg., S. F.
COST, \$750

(2584) NW MASON AND SUTTER. One-story and basement supply station.
 Owner.....National Supply Stations, 2400 Broadway, S. F.
 Architect...None.
 Contractor...Van Sant-Houghton Co., 502 Market, San Francisco.
COST, \$750

(2585) W SEVENTEENTH AVE 175 S Anza. Two-story and basement frame dwelling.
 Owner.....Wm. P. Nolan, 1530 Fillmore, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2300

(2586) S ROUSSEAU 275 W Bosworth. One and one-half-story and basement frame dwelling.
 Owner.....Andrew Olsen.
 Architect...None.

Contractor...C. W. Hansen, 110 Jessie, San Francisco.
COST, \$2400

(2587) E EIGHTH AVE 88 S Lawton. Two-story and basement frame dwlg.
 Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.
 Architect...H. R. Schulze, 512 E-17th, Oakland.
 Contractor...Allen & Co., 128 Sutter, San Francisco.
COST, \$4000

(2588) E EIGHTH AVE 59-6 S Lawton. Two-story and basement frame dwlg.
 Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.
 Architect...H. R. Schulze, 512 E-17th, Oakland.
 Contractor...Allen & Co., 128 Sutter, San Francisco.
COST, \$4000

(2589) S LAKE 32-6 W 18th Ave W 25x8 100 O L 89. All work for three-story frame (6) apartments.
 Owner.....Emma Clinton and Rose C. C. Turney, 111 Webster, San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Contractor...O. E. Evans, 2367 Mission, San Francisco.
 Filed July 28, '14. Dated July 6, '14.
 Contractor to negotiate loan of \$7500 on sold building and amount of loan to be paid by 1st party to 2nd party in 4 equal payments as follows:
 Frame up
 Brown coated
 Completed and accepted.....
 Usual 35 days.....
 Balance due to be paid in monthly installments of \$100, int. 7%
TOTAL COST, \$11,500
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2590) LOT 21 MAP OF WEST CLAY Park; SW West Clay 5.77 SE from bdy line Lot 23 NW 5.77 S 125.6 SE 5.35 N 125.40 m or 1 Ptn Lot 28, West Clay Park. All work for frame residence and garage.
 Owner.....Gustav Knecht, 576 Mission, San Francisco.
 Architect...Chas. P. Weeks, Mutual Bank Bldg., S. F.
 Contractor...T. W. McClenahan & Co., 333 16th, San Francisco.
 Filed July 28, '14. Dated July 22, '14.
 1st floor joists on.....\$1500.00
 Roof on 1500.00
 Brown coated 1500.00
 Ready for finish..... 1500.00
 Completed and accepted..... 2358.50
 Usual 35 days..... 2796.50
TOTAL COST, \$11,155.00
 Bond, \$5600. Surety, The Aetna Accident & Liability Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2591) W SIXTH AVE 120 S Lincoln Way S 25xW 120. Grading, concrete, brick, carpentry, mill, glass, glazing, electrical, plaster, painting and hardware for two-story and basement frame flats.
 Owner.....Mary J. Hollenbeck.
 Architect...W. D. Shea, 24 Kearny, San Francisco.
 Contractor...Ruegg Bros., Pacific Bldg., San Francisco.
 Filed July 28, '14. Dated July 22, '14.
 Rough frame up.....\$1120
 Brown coated 1120

Hard finish on..... 1120
 Completed and accepted..... 1121
 Usual 35 days..... 1494
TOTAL COST, \$5975

Bond, \$2988. Surety, —. Limit, 90 days after July 27. Forfeit, \$5. Plans and specifications filed.

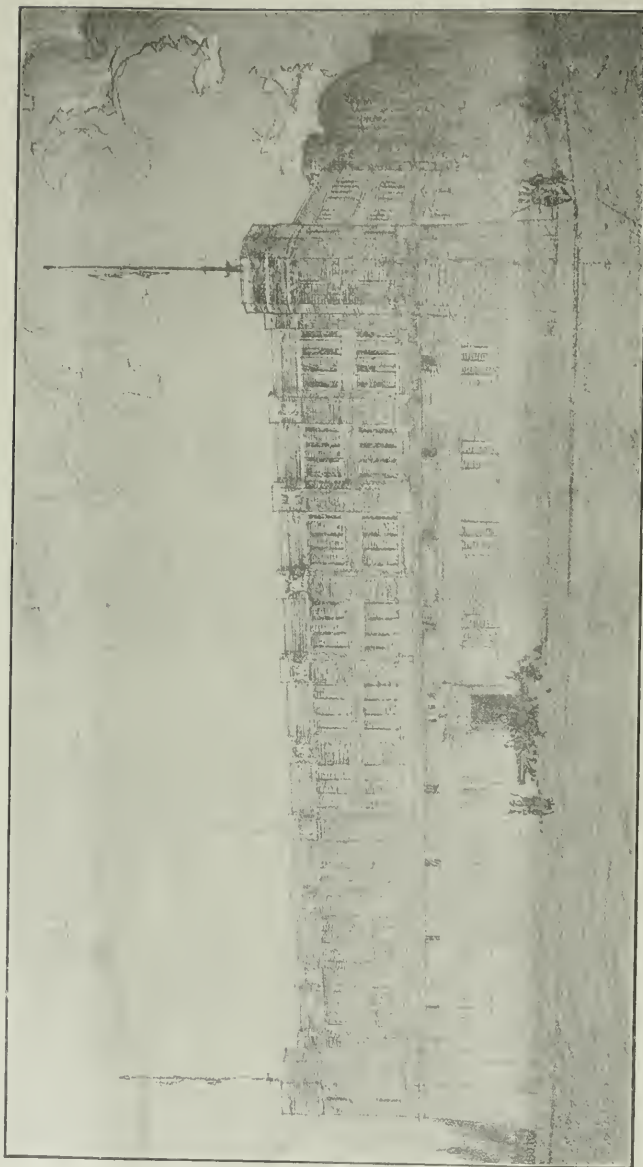
(2592) N EIGHTEENTH 69 W Sanchez W 31xN 53. All work for two-story and basement frame flats.
 Owner.....B. Cordes, NW 18th and Sanchez, San Francisco.
 Architect...J. E. McCarthy, 1340 13th Ave., San Francisco.
 Contractor...Pettersson & Persson, 62 Post, San Francisco.
 Filed July 28, '14. Dated July 28, '14.
 Frame up\$1500.00
 Brown coated 861.00
 Completed and accepted..... 860.25
 Usual 35 days..... 1073.75
TOTAL COST, \$4295.00
 Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2593) N CALIFORNIA 40 W Prospect Place 20x52-6. All work for one-story and basement frame store.
 Owner.....H. G. Lachmann, 1433 Broadway, San Francisco.
 Engineer...O. W. Lanzendorf, 1534 Vallejo, San Francisco.
 Contractor...E. J. Montgomery, 1315 Broadway, S. F.
 Filed July 28, '14. Dated July 27, '14.
 Entire frame up.....\$985.50
 Completed and accepted..... 982.50
 Usual 35 days..... 657.00
TOTAL COST, \$2628.00
 Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications.

(2594) N ARMY 93-2% E Mission E 57-7% NW 72-8% W 49-7 SE 49-5%. Excavating, concrete, iron, carpenter, mill, tin, galvanized iron, roofing, glass, glazing, marble, mosaic, hardware, lath, plaster, plumbing, electric wiring, etc., for three-story and basement frame apartments.
 Owner.....Mary A. & Jno. McConaghy
 Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
 Contractor...Brutcher & Serna, 110 Jessie, San Francisco.
 Filed July 28, '14. Dated July 21, '14.
 Enclosed and roof on.....\$3213.75
 Brown coated & sash glazed 3213.75
 Completed and accepted.... 3213.75
 Usual 35 days..... 3213.75
TOTAL COST, \$12,855.00
 Bond, \$6500. Surety, National Surety Co. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

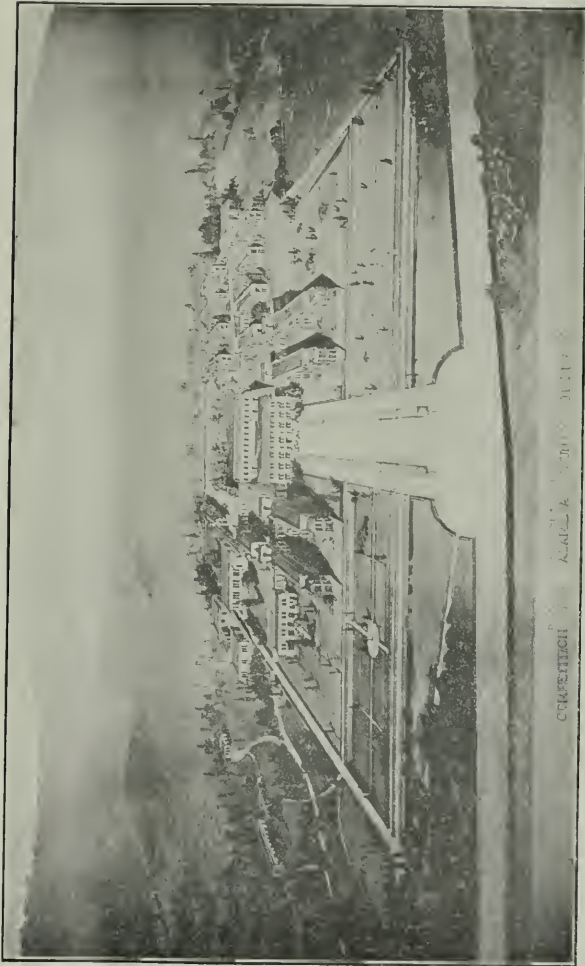
(2595) S MISSION 75 E JULIA E 25x S 160. One freight elevator for bldg.
 Owner.....E. McLaughlin Estate Co.
 Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
 Contractor...Van Emon Elevator Co., Inc., 60 Natoma, S. F.
 Filed July 28, '14. Dated July 7, '14.
 Upon delivery of engine..... ¼
 Engine in permanent position and guides and overhead work in place ¼
 In complete running order..... ¼
TOTAL COST, \$1113
 Bond, \$600. Surety, Pacific Coast Casualty Co. Limit, Sept. 15. Forfeit, none. Plans and specifications filed.

(2596) E JULIUS 97-6 N Lombard N 26x E 52. All work for two-story and basement frame building.



SAN FRANCISCO'S ARMORY AS IT APPEARS COMPLETED.
San Francisco

State Department of Architecture
Sacramento



BIRD'S EYE VIEW OF ALAMEDA'S NEW INFIRMARY
Foothill Boulevard, Oakland

Charles Peter Weeks, Architect
San Francisco

Owner.....Eugenio Mazzini, 435 Filbert, San Francisco.
 Architect...L. Traverso, 834 Union, San Francisco.
 Contractor..Andrea Dehendetti and Gaetano Cuneo, 20 Cotter, San Francisco.

Filed July 28, '14. Dated July 21, '14.
 Enclosed and roof on.....\$650
 Brown coated 650
 Completed and accepted..... 650
 Usual 35 days..... 650

TOTAL COST, \$2600

Bond, \$1250. Sureties, G. Cavagnaro and J. Villa. Limit, 70 days after July 27. Forfeit, none. Plans and specifications filed.

(2597) W TWENTY-SEVENTH AVE
 95 N Anza. One-story frame residence.

Owner.....Edw. Wheeler, 233 12th Ave., San Francisco.
 Architect...None.
 Contractor..D. H. Ryan, 233 12th Ave., San Francisco.

COST, \$600

(2598) NOS. 3043-49 SIXTEENTH.

Erect partition and new fronts.
 Owner.....S. F. Hardware Co., Prem.
 Architect...None.
 Contractor..Holm & Son, 68 Post, S. F.

COST, \$400

(2599) NO. 1237 NINTH AVE. Concrete floor and repair sidde walk.

Owner.....Morton Bros., Premises.
 Architect...None.
 Contractor..Serguson Bros., 308 Guerrero, San Francisco.

COST, \$500

(2600) NO. 1830 PACIFIC AVE. Clean brick work, repair and relay steps and landings, plaster ceiling of garage and dampproof walls of same.

Owner.....Geo. L. Payne, 133 Howard San Francisco.
 Architect...N. Blaisdell, 255 California, San Francisco.
 Contractor..C. P. Moore Bldg. Co., Sharon Bldg., S. F.

COST, \$1950

(2601) NO. 3738 TWENTY-SECOND Ave. Bulkhead and terrazzo steps.

Architect...None.
 Owner.....Mrs. Heitzeroth, Premises.
 Contractor..McCubert & Brown, 521 1st National Bank Bldg., S. F.

COST, \$475

(2602) NO. 524 FIFTH AVE. Add 4 rooms and bath.

Owner.....Albert Bernhardt, Premises
 Architect...None.
 Contractor..Stevenson & Gowan, 136 Girard, San Francisco.

COST, \$500

(2603) S JACKSON 106 W Polk. Underpin dwelling.

Owner.....L. M. Welsh.
 Architect...None.
 Contractor..E. Anderson, 2240 Bush, San Francisco.

COST, \$400

(2604) EXPOSITION SITE. Three-story frame and plaster building.

Owner.....Shamrock Isle Concession.
 Architect...B. G. McDougall, Sheldon Bldg., San Francisco.
 Contractor..Larsen - Sampson Co., Crocker Bldg., S. F.

COST, \$50,000

(2605) N POST 50 W Larkin W 50XN 120. All work except plastering, plumbing, painting, tinting, papering, elevator, steam heat and oil burning plant for five-story and basement Class "C" apartment building.

Owner.....J. H. Keefe, 820 O'Farrell, San Francisco.
 Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
 Contractor..Joel Johnson, 110 Jessie, San Francisco.

Filed July 29, '14. Dated July 28, '14.
 Concrete foundations and plers
 In\$3100
 Brick work up to 2d floor joists 4750
 Brick work finished..... 6750
 Ready for lathing..... 4750
 Standing trim on..... 5750
 Completed and accepted..... 3750
 Usual 35 days..... 9500

TOTAL COST, \$38,350

Bond, \$19,175. Surety, Pacific Coast Casualty Co. Limit, 120 days. Forfeit, \$25. Plans and specifications filed.

(2606) PLUMBING ON ABOVE.

Contractor..J. M. Boscus, 975 Howard, San Francisco.
 Filed July 29, '14. Dated July 28, '14.
 Plumbing roughed in.....\$2547.75
 Completed and accepted..... 2547.75
 Usual 35 days..... 1698.50

TOTAL COST, \$6794.00

Bond, \$3397. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2607) E HOLLIS 80 N Ellis. All work except plumbing and painting for alterations of dwellings into flats.

Owner.....Morris Kugelman & Jacob Ladenheim, 11 Hollis, S. F.
 Architect...None.
 Contractor..John Ratto, Inc., 24 Merritt, San Francisco.
 Filed July 29, '14. Dated July 17, '14.
 Rough work done.....\$190.25
 Plastering & rear stairs done 160.25
 Job completed 200.25
 Usual 35 days..... 321.25

TOTAL COST, \$761.00

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2608) N JACKSON 27-6 E Devisadero 82-6x102-8¼. All work for three-story and basement frame flats.

Owner.....Otto Carson and Katharine Hinz, 1461 Hyde, S. F.
 Architect...Arthur J. Laib, Russ Bldg. San Francisco.
 Contractor..Otto Carson, 1461 Hyde, San Francisco.

Filed July 29, '14. Dated Jan. 5, '14.
 Excavation & foundation done. 4218
 Frame up 4219
 Brown coated 4219
 Completed and accepted..... 4219
 Usual 35 days..... 5625

TOTAL COST, \$23,300

Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filed.
 NOTE:—1st report January 8, 1914, No. 59.

(2609) E TEXAS 100 N 19th N ———. All work for two-story and basement frame residence.

Owner.....Peter Smith, 363 Texas, San Francisco.
 Architect...None.
 Contractor..R. W. Demarais, 732 Page, San Francisco.
 Filed July 29, '14. Dated July 20, '14.
 Frame up\$762.50
 Rough plaster on..... 762.50

Completed 762.50
 Usual 35 days..... 762.50
 TOTAL COST, \$3050.00
 Bond, none. Limit, 90 days. Forfeit none. Plans and specifications filed.

(2610) E TWENTY-FIRST AVE 281 N California N 25X E 120. All work for two-story frame flats.

Owner.....Emma L. Frederique, 150 21st Ave., San Francisco.
 Architect...None.
 Contractor..W. A. Savage, 1222 12th Ave., San Francisco.
 Filed July 29, '14. Dated July 27, '14.
 Rafters on\$1210
 Brown coated 1210
 Completed 1210
 Usual 35 days..... 1210

TOTAL COST, \$4840

Bond, \$2420. Surety, Pacific Coast Casualty Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2611) E MISSION 120 N 19th 30x122-6 Excavation, concrete, framing, mill, glazing, galvanized iron, tin, marble, hardware, plaster, plumbing, electric work for alterations and additions to three-story and a two-story frame building into stores and flats.

Owner.....Fred C. Gerdes, 975 Market San Francisco.
 Architect...H. Geilfuss & Son, 46 Kearny, San Francisco.
 Contractor..John Casty, 327 Brazil Ave., San Francisco.
 Filed July 29, '14. Dated July 27, '14.
 Completed and accepted.....\$2400
 Usual 35 days..... 755

TOTAL COST, \$2935

Bond, \$1500. Sureties, Wm. Camp and C. A. Carillon. Limit, 45 days. Forfeit, \$10. Plans and specifications.

(2612) NW CHURCH AND TWENTY-ninth. Three-story and basement brick school building.

Owner.....Rev. M. D. Connolly, 221 Valley, San Francisco.
 Architect...Shea & Lofquist, 742 Market, San Francisco.
 Day's work..... COST, \$50,000
 NOTE:—Foundation being put in.

(2613) W BUSH 90 W Stockton. Five story and basement brick (24) apartments and stores.

Owner.....Clyde S. Payne, 46 Kearny, San Francisco.
 Architect...W. H. Hind, 46 Kearny, San Francisco.
 Day's work..... COST, \$35,000
 NOTE:—Interior being finished.

(2614) SE HUGO AND THIRD AVE. Three-story frame (12) apartments.

Owner.....H. Bayles, 839 Phelan Bldg San Francisco.
 Architect...Arthur G. Scholz, 839 Phelan Bldg., San Francisco.
 Day's work..... COST, \$12,000
 NOTE:—Interior finish being done.

(2615) EXPOSITION SITE. Two-story frame and plaster building.

Owner.....Government of Phillipine Islands.
 Engineer...Delmar Smith Clinton.
 Contractor..Strehlow, Freese & Peterson, Exposition Site, S. F.
 COST, \$39,394

(2616) S O'FARRELL 139 E Van Ness Ave. Four-story brick (4) apartments.

Owner.....M. S. Show, 1235 Pine, S. F.

Architect...C. O. Clausen, Hearst Bldg
San Francisco.
Day's work. COST, \$40,000

(2617) S GEARY 200 W Larkin. Four
story and basement Class "C" tenement.
Owner.....Frederick F. Helne, 1180
Sutter, San Francisco.

Architect...C. O. Clausen, Hearst Bldg
San Francisco.
Contractor...Louis Lee, 1420 Hyde, S. F.
COST, \$30,000

(2618) W DEVISADERO 80 S Page.
One-story and basement frame
motion picture house and stores.
Owner.....Daniel Sullivan, Durham,
California.

Architect...C. O. Clausen, Hearst Bldg
San Francisco.
Contractor...Chas. Coburn, 2404 24th,
San Francisco.
COST, \$9000

NOTE:—Seating capacity 399.

(2619) E SIXTEENTH AVE 213-6 S
California S 25xE 120. All work for
two-story and basement frame residence.
Owner.....Helen S. Treat, 995 Dolores
San Francisco.

Architect...W. H. Crim, Jr., 425 Kearny
San Francisco.
Contractor...Gustav Petersen.

Filed July 30, '14. Dated July 29, '14.
Roof on\$1145
Rough plaster on 1145
Completed and accepted 1145
Usual 35 days 1145
TOTAL COST, \$4450

Bond, none. Limit, 90 days. Forfeit,
\$2. Plans and specifications filed.

(2620) NE GEARY AND WOOD N 100
XE 107-6 WA 638. Excavation, concrete,
plumbing, electric heating
system, hot water, boiler installation,
hardware, shades, fixtures, linoleum
for two-story and basement reinforced
concrete hospital for Home for
Incurables.

Owner.....San Francisco Home for
Incurables, 1442 Fulton,
San Francisco.

Architect...Loring P. Rixford, Sharon
Bldg., San Francisco.

Contractor...Clinton Fire Proofing Co.,
Mutual Bank Bldg., S. F.

Filed July 30, '14. Dated July 30, '14.
On 10th of each month 75%
Usual 35 days 25%

TOTAL COST, \$54,600
Bond, \$27,300. Surety, Globe Indemnity
Co. Limit, 160 days. Forfeit, none.
Plans and specifications filed.

(2621) W PARKER AVE 331-7 N
Geary W 120xN 25. All work for two
story frame flats.

Owner.....A. Radivoj, 1265 Cook, S. F.
Architect...O'Brien Bros., Inc., Clunie
Bldg., San Francisco.

Contractor...A. M. Wallen, 1253 Waller,
San Francisco.

Filed July 30, '14. Dated July 28, '14.
1st story joists on\$ 993.75
Roofed and enclosed 993.75
Brown coated, plumbing and
electric work roughed in 993.75
Completed and accepted 993.75
Usual 35 days 1325.00
TOTAL COST, \$5300.00

Bond, none. Limit, 100 days. Forfeit,
\$.5. Plans and specifications filed.

(2622) EXPOSITION SITE. Construc-
tion of Cuban Building.

Owner.....Government of Cuba
Architect...San Francisco J. Centurion
Contractor...Fleming-Surt Co., Inc.,
Exposition Site, S. F.

Filed July 30, '14. Dated July 24, '14.
As work progresses 75%
Usual 35 days 25%

TOTAL COST, \$50,000
Bond, \$25,000. Surety, Pacific Coast
Casualty Co. Limit, 150 days. Forfeit,
none. Plans and specifications filed.

(2623) NO. 581 MARKET. Re-con-
struct front and make minor repairs
to store.

Owner.....Thos. B. Pheby Jr., Mills
Bldg., San Francisco.

Architect...A. F. Heide, 46 Kearny,
San Francisco.

Contractor...L. & E. Emanuel, Inc., 144
12th, San Francisco.
COST, \$3000

(2624) S PACIFIC 25 E Auburn E 25
XS 68-9. All work except shades,
lighting fixtures and sewer in street
for one-story and basement frame
dwelling.

Owner.....August Lamerdin, 1336
Stockton, San Francisco.

Architect...Paul F. De Martini, 2123
Powell, San Francisco.

Contractor...F. De Martinio & L. Segale
274 29th, San Francisco.

Filed July 30, '14. Dated July 21, '14.
Frame up and rafters on\$450
Brown coated 450
Completed and accepted 450
Usual 35 days 450

TOTAL COST, \$1800
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(2625) N RICHLAND 400 W Mission
being Lot 35 Blk "D" Subdivn of
French and Gilman Tract. All work
for two-story frame residence.

Owner.....Auguste and Emilie Ladira
25 Richland Ave., S. F.

Architect...None.

Contractor...Thos. McCormick, 25
Gladys, San Francisco.

Filed July 30, '14. Dated July 27, '14.

Rough frame up\$725.00
Brown coated 725.00

Completed and accepted 725.00
Usual 35 days 728.50

TOTAL COST, \$2903.50
Bond, \$1460. Sureties, H. S. Thompson
and W. E. Dunne. Limit, 60 days. For-
feit, none. Plans and specifications filed

(2626) EXPOSITION SITE. Lathing
and plastering and exterior curb work
for New York State Building.

Owner.....Panama-Pacific Exposition
Commission of State of
New York by R. Ringrose
& Son.

Architect...None.

Contractor...Campbell & Williams.

Filed July 30, '14. Dated July 29, '14.

Monthly payments of 85%
Completion 15%

TOTAL COST, \$35,600
Bond, \$17,800. Surety, Pacific Coast
Casualty Co. Limit, 90 working days.
Forfeit, none. Specifications only filed.

(2627) N MISSION 300 W Third. Build
in reinforced concrete floor and make
alterations to front of St. Patrick's
Church.

Owner.....Roman Catholic Archbishop
of San Francisco, 1100
Franklin, San Francisco.

Architect...Shea & Lorquist, Bankers'
Investment Bldg., S. F.

Contractor...W. B. Kyle, Monadnock
Bldg., San Francisco.
COST, \$2000

(2628) E NINETEENTH AVE 225 N
Balboa. Two-story and basement
frame residence.

Owner.....Spence & Feerick, 537 25th
Ave., San Francisco.

Architect...E. J. Spence(Non-certified)
537 25th Ave., S. F.

Day's work. COST, \$2900

(2629) NE BUSH AND SANSOME.
Alter store building and install
steel lined hollow tile vault, mosaic
floor, etc.

Owner.....Joseph D. Grant, Premises
Architect...None.

Contractor...Mahoney Bros., 923 Crock-
er Bldg., San Francisco.
COST, \$2500

(2630) S GREENWICH 106-6 W Grant
Ave 31x57-6. Shades, fixtures and
finish hardware for three-story and
basement frame flats.

Owner.....L. Dematei, 554 Vallejo,
San Francisco.

Architect...J. Devenenzi, 1069 Union,
San Francisco.

Contractor...Devenenzi Bros. & Co.,
1069 Union, San Francisco.

Filed July 31, '14. Dated June 29, '14.

Roof on\$1462.50
Brown coated 1462.50

Usual 35 days 1462.50
Completed and accepted 1462.50

none. Plans and specifications filed.
Bond, none. Limit, 90 days. Forfeit,
COST, \$5550

(2631) SE STOCKTON AND MANILA.
Complete additional work for club
rooms.

Owner.....Town and Country Club,
Premises.

Architect...Lewis P. Hobart, 1122
Crocket Bldg., S. F.

Contractor...W. A. Goerick, Postal
Telegraph Bldg., S. F.

COST, \$9950

(2632) NOS. 923-925 SANCHEZ. En-
large present building and make
alterations and additions.

Owner.....Chas. B. Scully, Premises.

Architect...G. H. Batchelder, 1115
Church, San Francisco.

Contractor...G. H. Batchelder, 1115
Church, San Francisco.

COST, \$2000

(2633) NW BRYANT AND MAIN N 65
xW 20. Grading, concrete, carpenter,
mill, lath and plaster, plumbing, roof-
ing, etc., for one-story frame building.

Owner.....McClure, 454 Main, S. F.

Architect...John J. Foley, 46 Kearny,
San Francisco.

Contractor...Geo. G. Moren.

Filed July 31, '14. Dated July 30, '14.

Frame up and roof completed...\$450
Brown coated 450

Completed and accepted 450
Usual 35 days 450

TOTAL COST, \$1800
Bond, \$900. Sureties, H. A. and E. H.
Norman. Limit, 40 days. Forfeit, none.
Plans and specifications filed.

(2634) E CHURCH 51-6 N 29th N 25x
E 100. All work except mantels, gas
fixtures and shades for three-story
frame building (store and flat) and
one-story cottage in rear.

Owner.....Raffaele and Julia Botti,
1631 Church, S. F.

Architect...None.

Contractor...Frank Demartini, 271 29th San Francisco.

Filed July 31, '14. Dated July 7, '14.
Gravel roof completed and build-
ing enclosed\$1125
Lathing and brown mortar on... 1125
Completed and accepted..... 1125
Usual 35 days..... 1125

TOTAL COST, \$4500

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

NOTE—1st report July 27. No. 2557.

2635) W EIGHTH AVE 225 S Noriega W 120x8 25. All work for two-story and basement frame building.

Owner.....J. B. Glover, 1841 8th Ave., San Francisco.

Architect...None.

Contractor...J. Carlson and J. H. Ver-
ner, 1921 23rd, S. F.

Filed July 31, '14. Dated July 31, '14.
Frame up\$537.50
Brown coated 537.50
Accepted 537.50
Usual 35 days..... 537.50

TOTAL COST, \$2150.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

2636) E THIRTEENTH 80 N Harrison N 25x E 75. Excavating, concrete, carpentry, roofing, painting, plumbing and electric wiring for building.

Owner.....Wm. Y. Lawton, 1184 Alabama, San Francisco.

Craftsman...Chas. H. Rudolph.

Contractor...Chas. G. Adams.

Filed July 31, '14. Dated July 13, '14.
Foundation in\$435
Frame up 435
Accepted 435
Usual 35 days..... 435

TOTAL COST, \$1740

Bond, \$870. Sureties, S. Steinberg and J. Strauss. Limit, 60 days. Forfeit, none. Plans and specifications filed.

2637) NW TAYLOR & SACRAMENTO N 40xW 91-8. Concrete, brick, plastering, lathing, structural steel and iron work, glass, glazing, ornamental iron, roof covering, carpentry, marble, painting and plumbing for five-story and basement Class "C" apartment building.

Owner.....G. A. Steffen.

Architect...F. H. Meyer, Bankers' Investment Bldg., S. F.

Contractor...Ward & Goodwin, 110 Jessie, San Francisco.

Filed July 31, '14. Dated July 29, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$32,120

Bond, \$24,090. Surety, National Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

2638) EXPOSITION SITE. Construction of the Court of the Universe.

Owner.....Panama-Pacific International Exposition Co., Exposition Bldg., S. F.

Architect...McKim, Mead & White, New York City.

Contractor...Strehlow, Freese & Petersen, Exposition Bldg., S. F.

Filed July 31, '14. Dated July 16, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$53,900

Bond, \$30,000. Surety, Pacific Coast Surety Co. Limit, 120 days. Forfeit, 100. Plans and specifications filed.

2639) SE BAKER & GREENWICH. Raise and alter present building, underpin and rat proof.

Owner.....M. A. Colman, 2848 Greenwich, San Francisco.

Architect...T. F. Boehm, 1119 19th, San Francisco.

Contractor...E. R. Johnson, 525 23rd Ave., San Francisco.

COST, \$2500

(2640) W HILLAWAY AVE 50 S Carl. Two-story and basement frame dwlg

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work..... COST, \$2500

(2641) NO. 2520 PACIFIC AVE. Erect sun room.

Owner.....Mrs. H. M. Holbrook, Premises.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...J. Harold Johnson, 740 9th, San Francisco.

COST, \$1190

(2642) N GROVE 82-6 E Franklin. Two-story frame bakery and flat.

Owner.....M. P. Kriffer, California & Battery, San Francisco.

Architect...None.

Contractor...J. E. Gilson, 459 Page, San Francisco.

COST, \$5000

(2643) W FORTY-SEVENTH AVE 325 S Lawton. One and one-half-story and basement frame dwelling.

Owner.....Mrs. M. Flynn, 1658 48th Ave., San Francisco.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...H. A. Dilks, 58 Falcon, Ave., San Francisco.

COST, \$1500

(2644) W FORTY-FOURTH AVE 230 N Balboa. Two-story and basement frame dwelling.

Owner.....Mrs. J. T. Haultain, 641 O'Farrell, San Francisco.

Architect...None.

Contractor...C. H. Bassett, 343 29th Ave S. F.

COST, \$3100

(2645) NO. 139 GRANT AVE. Alter fixtures in store.

Owner.....Head Bldg, Premises.

Architect...None.

Contractor...T. Shintani, 108 St. Anne, San Francisco.

COST, \$400

(2646) N BEMIS 50 W Roanoke. One story and basement frame dwlg.

Owner.....L. Fontanello, 643 Vallejo, San Francisco.

Architect...None.

Day's work..... COST, \$1000

(2647) NO. 4138 EIGHTEENTH. New front.

Owner.....Mr. McClellen, 4311 24th, San Francisco.

Architect...None.

Contractor...Jas. F. McCarthy, 432 Eureka, San Francisco.

COST, \$406

(2648) W VIENNA 75 N Persia. One and one-half-story and basement frame dwelling.

Owner.....MacArthur Bros., 1560 Fell San Francisco.

Architect...None.

Day's work..... COST, \$2000

(2649) SW COLUMBUS & UNION. Electric sign.

Owner.....Farmacia Roma, Premises.

Architect...None.

Contractor...Brumfield Elee Sign Co., 18 7th, San Francisco.

COST, \$400

(2650) W TWENTY-SECOND AVE 100 N Anza. One and one-half-story and basement frame dwelling.

Owner.....Taos, Hamill, 268 25th Ave San Francisco.

Architect...None.

Day's work..... COST, \$2000

(2651) ST. FRANCIS WOOD Lot No. 8 Blk 11. Two-story and basement frame residence.

Owner.....Duncan McDuffie, 80 Post, San Francisco.

Architect...H. H. Guterson, 80 Post, San Francisco.

Contractor...Mason-McDuffie Co., 80 Post, San Francisco.

COST, \$6500

(2652) NOS. 279-89 DOWNEY. Construct concrete wall.

Owner.....H. S. Allen, 955 Clayton, San Francisco.

Architect...None.

Contractor...Louis M. Zimmerman, 180 Jessie, San Francisco.

COST, \$150

(2653) S SEVENTEENTH 100 W Shrader. Two-story and basement frame (2) flats.

Owner.....Harry A. Larson, 3578 25th San Francisco.

Architect...None.

Day's work..... COST, \$2800

(2654) S BUSH 114 E Kearny. One-story and basement brick store.

Owner.....Dr. J. O. Hirschfelder, Post and Stockton, S. F.

Architect...George T. Colemsnil, 112 Lick Bldg., S. F.

Contractor...James McLaughlin, 244 Kearny, San Francisco.

COST, \$5000

(2655) N CALIFORNIA 175 W Polk. Repair fire damage to hotel.

Owner.....W. R. L. Campbell, 310 California, San Francisco.

Architect...T. Patterson Ross, 310 California, San Francisco.

Contractor...Ira W. Coburn, Hearst Bldg., San Francisco.

COST, \$10,000

(2656) NE BERNARD & LEAVEN-
worth N 20x E 68. All work for three story frame stores and flats.

Owner.....Julie Paulme, 693 Mission, San Francisco.

Architect...Oliver Everett, 1940 Webster, San Francisco.

Contractor...Steuer & Bury, 1407 O'Farrell, San Francisco.

Filed Aug. 1, '14. Dated July 21, '14.
3rd floor joists in place.....\$ 737.50
Roof sheathed and building en-
closed 737.50
Brown coated 1475.00
Completed and accepted..... 1475.00
Usual 35 days..... 1475.00

TOTAL COST, \$5900.00

Bond, \$2950. Surety, H. S. Fidelity & Guaranty Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(2657) NO. 2244 VALLEJO. Alterations and additions, except painting, tiling and plumbing for frame dwlg

Owner.....Mary Kingston, Premises.

Architect J. R. Miller Lick Bldg.,
San Francisco.

Contractor, John Burns.

Filed Aug. 1, '14. Dated July 31, '14.
Enclosed and roof on.....\$434.00
Completed and accepted..... 433.75
Usual 35 days..... 289.25

TOTAL COST, \$1157.00

Bond, \$378.50. Sureties, J. L. Hoover
and Joseph Burns. Limit, as fast as
required. Forfeit, none. Plans and
specifications filed.

(2658) W COMMONWEALTH 485 S
Euclid S 40xW 120. Carpentry, paint-
ing, plumbing, electric work and
heating, etc., for two-story and base-
ment frame residence.

Owner.....Blanche Werthelmer, 318
Maple, San Francisco.

Architect...Arthur J. Labb, Russ Bldg.,
San Francisco.

Contractor...J. P. Fletcher, 110 Jessie,
San Francisco.

Filed Aug. 1, '14. Dated July 29, '14.
Frame up and roof on.....\$1593
Brown coated, interior and ex-
terior 1594
Standing finish on interior..... 1594
Completed and accepted..... 1594
Usual 35 days..... 2125

TOTAL COST, \$5600

Bond, \$4250. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, none. Plans and spec-
ifications filed.

(2659) N VALLEJO 68-9 W Laguna
30-3x137-6. Masonry, carpentry, tile
roofing, sheet metal, painting, win-
dow shades and electric work and
plumbing for triplex residence.

Owner.....Mrs. Emily M. Mulligan,
128 Taylor, San Francisco.

Architect...Charles F. Whittlesey, 555
Clayton, San Francisco.

Contractor...Steur & Buitenkamp.

Filed Aug. 1, '14. Dated July 18, '14.
Semi-monthly payments of... 75%

36 days after..... 25%

TOTAL COST, \$12,800

Bond, \$6400. Surety, U. S. Fidelity &
Guaranty Co. Limit, Nov. 15. Forfeit,
\$10. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

July 27, 1914—LOT 4 BLK 6460 Crock-
er Amazon Tract Sub No. 2; Lot 21
Blk 14, Crockier Amazon Tract.
Crockier Estate Co as to improve-
ments on leased property.....

AGREEMENT OF SALE.

Thos. Scoble agrees to sell to Joseph
H. Mooser the property situated on E
16th avenue 250 N Balboa street N 25
x E 127-6, and build thereon two flats, 5
rooms each, in accordance with plans
and specifications to be prepared for
the sum of \$8,000.

CESATION OF LAHOR.

July 27, 1914—N MISSION 342-43 W
Seventh—31-74/ N 165 E 31-74/4
S 165. Talbot Invest Co with Neil
A McLean. Work ceased June 18, 1914

CANCELLATION OF BUILDING CON- TRACT.

July 28, 1914—N POST 50 W Larkin
—50 N 120 E 50 S 120. Releasing
contract filed July 21, 1914. J H
Keefe with Joel Johnson. Can-
celled.....July 28, 1914

NOTICE OF NON-RESPONSIBILITY.

July 28, 1914—NE TAYLOR & EDDY
E 137-6xN 50. Whittell Realty
Co as to improvements on leased
property

ARCHITECT'S CERTIFICATE.

Wm. H. Weeks has filed his certifi-
cate of architecture.

ARCHITECT'S CERTIFICATE.

Aug. 1, 1914—Norman R. Coulter has
filed his certificate of architecture.

INCORPORATIONS.

Patent Utilities Corp. Capital Stock,
\$75,000; subscribed, \$3; shares, \$1 each.
Directors—A. W. Peterson, G. H.
Cavaller and O. A. Noren. Place of
business, San Francisco.

California Candy Co. Capital, \$20,-
000; subscribed, \$30; shares, \$10 each.
Directors—H. C. Brewer, G. F. Tucker
and E. V. Huson. Place of business,
San Francisco.

Nu Tau Investment Co. Capital
Stock, \$25,000; subscribed, \$5; shares,
\$1 each. Directors—B. Fest, A. W.
Marks, H. N. Grossman, Harry Epstein
and A. Harris. Place of business, S. F.

BUILDING CONSTRUCTION FOR MONTH OF JULY.

Building activities for the month of
July, as reported by the Building De-
partment of the Board of Public Works,
show that \$2,068,537 was invested in
building construction. For this amount
there were 569 permits issued; 217 of
these being for new buildings. The
same Department also reports that 17
buildings were torn down and 68 com-
plaints were filed. The following is a
segregated list of all building con-
struction for the past month:

Class	No. of Bldgs.	Amount
Class "A"	2	\$ 1,500
Class "C"	18	672,500
Frames	180	694,311
Alterations	352	183,549
Exposition Bldgs.	17	561,577
Total	569	\$2,068,537

BUILDER'S BOND.

July 31, 1914—NE GEARY & WOOD
N 100x E 107-6. San Francisco
Home for Incurables with Clinton
Fireproofing Co. Sureties, Globe
Indemnity Co. Bond.....\$13,650

COMPLETION NOTICES.

San Francisco.

July 24, 1914—W NINETEENTH AVE
50 N Balboa. B J Hooper to whom
it may concern.....July 20, 1914
July 24, 1914—W NINETEENTH AVE
75 N Balboa. B J Hooper to whom
it may concern.....July 20, 1914
July 24, 1914—W DOUGLASS 58-6 S
21st S 25xW 110 Blk 4, Noe Garden
Hd Union. Thos and Mary A Crim-
mins to Costello & Feerick.....
.....July 23, 1914
July 24, 1914—E BAKER 87-6 S
Bush 25x100. H M Hagemann to
W A and C C Terrill.....July 24, 1914
July 24, 1914—N TWENTY-THIRD
87 E Douglass E 25xN 115; NE 23rd
and Douglass E 87xN115. Guerrero
Realty Co to Emil Nelson.....July 23, '14

July 24, 1914—SE POST & LEAVEN-
worth S 137-6x E 137-6. The
Schmiedel Estate Cpn to Joseph
Pasquelletti.....July 17, 1914
July 24, 1914—SE HARKNESS AVE 60
NE Goettingen NE 30—100 SE 30
SW 100. Ludwig Staltmayer to M
Eiberger.....July 20, 1914
July 24, 1914—N 1/2 LOT 24 AND ALL
Lot 25 Blk 15, Forest Hill. Carl
Martin to Arthur Elvin.....July 23, 1914
July 24, 1914—N CALIFORNIA 45 W
21st Ave W 50xN 70. James P
and Ella McManus to W A Savage
.....Completed.....
July 25, 1914—W BRODERICK 130 S
Lombard 25 on Broderick by 107-6
John A Cardinell to whom it may
concern.....July 22, 1914
July 25, 1914—SW BAKER AND BAY
E 961.52 S 618.75 W 961.52 N 618.75
(Boiler house for Horticulture
Bldg). Panama-Pacific Exposi-
tion Co to John Monk, July 22;
Same to Same General Construction
Horticultural Bldg.....July 22, 1914
July 25, 1914—S NORTH POINT 150
E Devisadero E 600xS 343.75 (Steel
for Main Entrance Tower). Pana-
ma-Pacific International Exposition
Co to Dyer Bros Golden West Iron
Works.....July 23, 1914
July 25, 1914—E TWENTY-THIRD
Ave 200 N Irving—25x E 120.
Johnson & Johnson to Johnson &
Johnson.....July 25, 1914
July 25, 1914—N GREENWICH 220
W Fillmore. Ellen Burton to F L
Loveland.....July 22, 1914
July 25, 1914—W SIXTEENTH AVE
78-11 N Clement N 25xW 120.
Margaret Bunner to Noel Johnson
.....April 20, 1914
July 27, 1914—LOT 10 BLK 17-A, The
C S Allred Sub Blks 17 and 18 West
End Map 1. Andrew and Betty
Miller to whom it may concern.....
.....July 18, 1914
July 27, 1914—LOT 11 BLK 17-A
C S Allred Sub Blks 17 and 18, West
End Map 1. Gertrude I Pehrson to
whom it may concern.....July 18, 1914
July 27, 1914—S SACRAMENTO 87-6
W Maple W 187-6 S 132-74/ W 137-6
S 132-74/ E 412-6 N 165-2 1/4 W 87-6
N 700. Board of Trustees of
Hospital for Children and Train-
ing School for Nurses to J W
Cobby.....July 23, 1914
July 27, 1914—W EIGHTEENTH AVE
125 N Clement N 25xW 120. Edward
N Lapham to E H Helms.....July 27, '14
July 27, 1914—S TWENTY-SECOND
200 E Guerrero E 25xS 114. Patrick
McGreal to J W Smith.....July 20, 1914
July 27, 1914—E EIGHTEENTH AVE
125 N Fulton N 25x E 120. Alois
Bauman to whom it may concern.
.....July 25, 1914
July 27, 1914—NE SIXTEENTH AND
Mission N 260 E 240 m or 1 S 260
m or 1—240. Henry Invest Co to
Paraffine Paint Co.....July 23, 1914
July 27, 1914—W JORDAN AVE 300 N
Euclid E N 30xW 120; Lot 55,
Jordan Tract. Alfred L. Arendt to
F F Ralston.....July 27, 1914
July 27, 1914—E THIRTY-FIRST AV
200 N Clement E 159-6 N 25 W 158-6
—25 to heg. Fred Arnold to E W
Elliot.....July 22, 1914
July 27, 1914—N JUDAH (J) 182-6 E
45th Ave E 25xN 100. Ida M Cam-
bridge to Geo V McCausland.....
.....July 18, 1914
July 27, 1914—N JUDAH (J) 157-6 E
45th Ave E 25xN 100. Ida M Cam-
bridge to Geo V McCausland.....
.....July 18, 1914

July 29, 1914—SE NATOMA 225 NE 7th NE 25x8E 75. Patrick Lynch to Gustave Anderson. July 25, 1914
July 29, 1914—W TWENTY-FOURTH Ave 50 N Anza N 50xW 82-6. W H Sale to Leigh & Schultz. July 29, 1914
July 29, 1914—NW CLARA 227-6 NE 6th — 22-6 NW 80 SW 22-6 SE 80. Thuermer and Edward Witschey to L Houle. July 28, 1914
July 29, 1914—E NINTH AVE 100 S Balboa S 25x120. Thos Seoble to whom it may concern. July 25, 1914
July 29, 1914—S BUSH 87-6 E Polk 63-6x120. E L Hueter to J Looney Co. July 24, 1914
July 29, 1914—NE PULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of Saint Ignatius College to Joseph Musto Sons—Keenan Co. July 27, '14
July 29, 1914—LOT 38 BLK 19 New Crocker Amazon Trct. Ferdinand Virgilio to Carlo Orselli. July 25, '14
July 28, 1914—W TRINITY 68-9 N Sutter W 61-3xN 31-4 1/2. French American Bank of Savings (by P J Walker Co, Agents) to Giant Sugrum & Otter, July 24; G Petterson tion Cleaner Co. July 18; Man- and S Persson. July 24, 1915
July 30, 1914—N BROADWAY 42-6 E Baker S 50 N 137-6 W 29-3 1/4 SE 1-6 1/2 W parallel with Broadway 21-1 1/4 S 136. A L Ehrman to John G Sutton Co. July 28, 1914
July 30, 1914—NE UNION & PIERCE N 100x E 30. Bertha W Stark to John Little. July 30, 1914
July 30, 1914—W BARTLETT 130 S 25th. J J O'Connor to W A Beck- with. July 28, 1914
July 30, 1914—W THIRTY-THIRD Ave 50 N Irving N 50xW 95. Oscar Swanson to Oscar Swanson. July 29, 1914
July 31, 1914—N ALVERADO 200 E Guerrero E 25xN 114. Gulsepe Trombetti to Devenenzi Bros & Co. July 30, 1914
July 31, 1914—S ANZA 95 E 17th Ave 25x100. D J Clancy to whom it may concern. July 31, 1914
July 31, 1914—S CALIFORNIA 58-4 W 17th Ave W 25xS 191. Western Union Home Bldrs to McCullen and Van Voorhies. July 30, 1914
July 31, 1914—S SUTTER 72 E Jones E 35xS 100. Eisenbach Co to Sjorgren Bros. July 31, 1914
July 31, 1914—N CLAY 137-6 W Leavenworth W 37-6xN 137-6. Hattie Simmons to N P Anderson. July 30, 1914
July 31, 1914—S CALIFORNIA 58.4 W 17th Ave W 25xS 91.1. Norbert and Henrietta Arjo to Western Union Home Bldrs. July 31, 1914

LIENS FILED.

San Francisco.

July 16, 1914—N MISSION 313-4 1/4 W Seventh W 31-7 1/4xN 165. Petersen-James Co vs Talbot Invest Co and Nell A McLean.\$648
July 16, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Allen M Oltner, \$11.25; Standard Portland Cement, \$865.41 vs Young & Swain Baking Co, Cpn.\$1397
July 16, 1914—N MISSION 343-4 1/4 W Seventh W 31-7 1/4xN 165. Eureka Teaming Co vs Talbot Investment Co and Nell A McLean.\$325
July 17, 1914—SE SUTTER & JONES S 100x E 72. The Watson Mantel &

The Co vs Chris and L C Larsen (Larsen & Larsen), S L M Starr and F C Larsen (Starr & Larsen)\$233.95
July 17, 1914—N MISSION 313-9 W Seventh W 31-7 1/4xN 165. Joseph Greenback vs Talbot Invest Co and Nell A McLean.\$2151.50
July 17, 1914—N MISSION 343-4 1/4 W Seventh N 65 W 31-7 1/4 S 165 E to beg. Woods & Huddart vs Nell A McLean and Talbot Invest Co.\$2650
July 20, 1914—W MISSION 25 S Rich- land Ave S 25xW 100. H S Thomson vs Jane Doe Cavallo and Thos Healey\$44.85
July 20, 1914—E BRIGHTON AVE 175 N Holloway Ave N 37-6x E 112-6. H S Thomson vs Harry F Yarl.\$143.35
July 20, 1914—NE RANDOLPH AND Arch N 100x E 50, Blk 30, City Land Ass'n. H Berman vs Helen P Swan and Joseph C Stromswold.\$150
July 20, 1914—S HALE 30.27 W Boylston W 25.02 S 78.07 E 25.03 N 76.75 Lot 46 Blk 1 Heyman's Trct No. 2. M Berman vs Joseph C Stromswold\$105
July 20, 1914—NW NAPLES 150 NE Brazil Ave NE 25xNW 100 Blk 47, Excel Hd Association. Ghitto & Pakma, \$655; Gregory Piccoletto, \$347 vs Maria Travi and A B Frank. Adm Estate Pietro Travi.\$170.40
July 20, 1914—W GAMBIER 50 N Ploche N 25xW 120 Blk 139 University Ex Hd Ass'n. M Berman vs Catherine, Robert S, Alice J, Mary C and Genevieve Brown and Ada E Waite and Joseph C Stroms- wold\$140
July 20, 1914—NE LAGUNA AND Union N 60x E 45. Herbert I Lau- der vs Marcus Marcussen and Mrs A S Kellogg.\$170.40
July 21, 1914—N GREENWICH 37-6 W Devisadero W 25xN 112-6. Norlo Cavaglia vs Cesare Soracco.\$900
July 21, 1914—N MISSION 313-4 1/4 W Seventh W 31-7 1/4 N 165 E 31-7 1/4 S 165. National Mill & Lumber Co vs Talbot Investment Co and Niel A McLean\$90
July 21, 1914—N HAIGHT 125 W Webster W 24-4xN 137-6. J M Bailey vs May D Jahanke.\$156.75
July 22, 1914—S GEARY 137-6 E Ma- son E 37-6xS 137-6. Eva Mordecai (as Eureka Teaming Co) vs The Stewart Estate Co and Nell A Mc- Lean\$347.54
July 25, 1914—S SACRAMENTO 111.3 E Gough S parallel with E Gough 125x E 45. G Orsi vs Minnie G Wood\$247
July 28, 1914—W FORTY-EIGHTH Ave 275 S Irving S 25x120. A Con- sani vs Ida M Cambridge and Geo V McCausland\$49.56
July 28, 1914—LOT 5 Blk 4 St. Fran- cis Wood. W P Goss vs J and Ruth Gunther and Hunter & Lehre.\$120
July 28, 1914—LOT 6 BLK "D" Park Lane Tract. L H Hansen vs Ida Wyatt\$66
July 28, 1914—W FORTY-EIGHTH Ave 250 S Irving S 25x120. A Con- sani vs Ida M Cambridge and Geo V McCausland.\$37.94
July 28, 1914—NW MISSION 243-4 1/4 SW Seventh SW 31-7 1/4xNW 165. C W Withington vs Talbot Invest Co and Nell A McLean.\$1397
July 28, 1914—S GEARY 137-6 E Ma- son E 37-6xS 137-6. C W With- ington vs The Stewart Estate Co and Nell A McLean.\$35.75
July 28, 1914—W FORTY-EIGHTH Ave 300 S Irving S 25x120. A Con-

sanl vs Ida M Cambridge and Geo V McCausland\$49.56
July 28, 1914—W FORTY-EIGHTH Ave 275 S Irving S 25x120. A Con- sani vs Ida M Cambridge and Geo V McCausland\$37.94
July 28, 1914—W FORTY-EIGHTH Ave 250 S Irving S 25x120. A Con- sani vs Ida M Cambridge and Geo V McCausland\$49.56
July 29, 1914—SW TWENTY-SEVEN- th Ave (South) and W Quint SW 79.526 NW 93.13 NE 16 — 37.193 Blk 502, Haley Purchase. Bay City Lumber & Supply Co vs Moses Mann\$158.05
July 29, 1914—N SACRAMENTO 112-6 E Lyon E 25xN 127-8 1/4. D J and T Sullivan, Inc vs W H Smith, C V and Victor J Biaux.\$36
July 29, 1914—W QUINT AND CAR- roll Ave SW 79.526 NW 93.13 NE 16 m or 1 SE 73.193 Blk 402, Haley Purchase. Eureka Sash, Door & Moulding Mills, Cpn vs Moses Mann\$255.38
July 29, 1914—W CARROLL AVE & Quint SW 79.528 N parallel with NE Charter Oak Ave 93.13 NE par- allel with NW Quint 16 SE 73.195. A F Bonneau, \$158.35; Jas R Quirn, \$144.85; Vincenzo Balletto, \$170; S Chervin, \$237.50 vs Moses Mann.\$255.38
July 30, 1914—S VALLEJO 127-6 W Steiner W 30xS 137-8. Durable Paint & Color Co, Inc vs Leo H Petersen and Johanna Meyer.\$85
July 30, 1914—N MISSION 343-4 1/4 W Seventh W 31-7 1/4xN 165. Forreder Cornice Works vs Talbot Invest Co and Nell A McLean.\$1274
July 30, 1914—N MISSION 313-4 1/4 W Seventh W 31-7 1/4xN 165. Fibre- stone & Roofing Co vs Talbot Invest Co and Nell A McLean.\$223
July 31, 1914—N MISSION 343-8 W Seventh W 31-7 1/4xN 165. Jos Greenwich vs Talbot Investment Co and Nell A McLean.\$2156.50
July 31, 1914—W GAMBIER 50 N Ploche N 25xW 120 Blk 139 University Ex Hd. Haupman Lumber Co vs Josep C Stromswold, Catherine Brown, Robert S Brown, Alice J Brown, Mary C Brown & Genevieve Brown\$318.40

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mr. Martin. The dwelling has been designed to contain eight rooms and bath, and will be erected on Piedmont avenue. Interior will be finished in pine with some hardwood veneer. There will be hardwood floors and open fire places. Furnace heat is specified. Mantels will be of tile or brick. An automatic water heater will be in- stalled. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.
BUNGALOW — 1 story and base, frame, \$2,000. Oakland, Cal. Archi- tect, L. F. Hyde, Dalziel Bldg., Oak- land. Owner, S. Caravanta. The dwell- ing has been designed to contain five rooms and bath. Interior will be fin- ished in pine and redwood. Some hard- wood floors will be used. There will be a large open fire place and tile or brick mantel. The windows will be used in the bath room. Exterior of

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the house will be covered with rustic. Plans are complete and the architect is taking figures on the work.

BUNGALOW—1 story and base, frame, \$3,000. San Lorenzo, Alameda Co., Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Mr. Crane. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are being prepared.

RESIDENCE—1 story and base, frame, \$2,000. Oakland, Cal. Architect, L. F. Hyde, Dalziel Bldg., Oakland. Owner, Mrs. Ellis. The dwelling will contain six rooms and bath, and will be erected on Alameda avenue near High street. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places

and tile mantels. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$3,250. Berkeley, Alameda Co., Cal. Architects, Elite Planners, 1544 5th avenue, Oakland. Owner, Anna M. Clark. The dwelling will be erected at the corner of Colusa and Posen streets and has been designed for a seven room house. Interior finish will be largely of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$10,000. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, William Greuner. The build-

ing will be erected on the east side of Claremont street south of Forest, and has been designed to contain two large flats of 10 rooms each. Interiors will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. A central heating system, probably furnace heat, will be installed. Bath rooms will be finished in tile. Open fire places and tile or brick mantels will be used. Exterior of the building will be covered with rustic. Plans are being prepared and when complete the work will be done by Day Labor.

AUDITORIUM WORK—Class A construction, \$1,500,000. Oakland, Cal. Supervising Architect, J. J. Donovan. Oakland. Owners, City of Oakland. Plans have been completed for the following work in connection with the completion of the Municipal Auditorium: Elevators, curtain hoists, marble and tile work, cement finish, finish hardware, painting, seating, plaster and lathing and electric work. Bids are now being called for and will be opened by the Oakland Council on August 20th. Plans and specifications can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

THEATRE—1 story and base. Class C construction, \$12,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Ellston and George Clark. The building will be erected at the corner of Durant and Telegraph, covering a large ground area. The building will contain one store besides the motion picture theatre. Interior will be finished in pine and ornamental plaster. A modern system of ventilation will be installed. Special electric work is specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and in the hands of the owners who are taking segregated figures on the work.

FACTORY—4 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, Lewis P. Hobart and Charles H. Cheney, Crocker Bldg., S. F. Owners, Shredded Wheat Co. This will be the first of a large group of Class A buildings to be erected on the property bounded by 12th and 14th, Poplar and Union streets. The first building will cover a ground area of 81 by 201 feet, and will be used as the factory, administration building and offices. Construction will be fireproof throughout with reinforced concrete walls, floors and hollow tile interior partitions. A large roof garden will be one of the features of the building. Structural plans were prepared by the company's engineers and the local architects will do the architectural work and superintendence. The design will be in the Mission style. Other buildings which will be erected on the property shortly will include an office building and a number of cottages. Special machinery to be installed has been designed by the company's engineers. Further mention will be made of the work when plans are ready for figures.

RESIDENCE—2 story and base, frame, \$8,000. Berkeley, Alameda Co., Cal. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, R. H. Cross, 1304 28th street, Oakland. The dwelling will be erected at the northeast corner of Claremont and Hillcrest, and has been de-

signed for a ten-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath rooms will have the wainscot and composition floors. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

B'NGALOW — 1 story and base, frame, \$2,500. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Peter Anderson. The dwelling will be erected on 61st street and has been designed for a five-room house with bath. Interior will be finished in pine throughout. Some hardwood floors will be used. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day labor.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner, Roger Colt. The dwelling has been designed for a seven-room house and will be erected at the corner of Staten and Palm streets. Interior will be finished in pine and redwood. There will be oak floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

ROAD REPAIRS—Cost not stated. Oakland, Cal. Engineer, County Surveyor. Oakland. Owners, Alameda County. Plans are complete and figures will be opened by the Board of Supervisors on August 10th for repairs to the Niles Canyon Road in Alameda County. Plans and specifications can be secured from the County Clerk.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick, \$14,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Dr. F. G. Baird. Contractor, Edward Sommerstrom. 202 East 12th street, Oakland. Contract price, \$14,000. Note: The contractor is now taking subfigures on the work.

APARTMENT HOUSE—2 story and base, brick and frame, \$15,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mrs. E. S. Fenton. Contractor, Fred Muller, Syndicate Bldg., Oakland. Contract price, \$15,000. Note: The contractor is now taking subfigures on the work.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Ant.
1871	Jones	Brasch	2000
1879	Harrison	Harrison	600
1880	Sherman	Townson	400
1881	Butler	Butler	2500
1882	Vielhaner	Flittner	500
1883	Craig	Mayer	1400
1884	Barrie	Lundberg	1000
1885	Lecombe	Lecombe	2500
1886	Rettagliata	Crow	1150
1887	Woodburn	Woodburn	2500
1888	Ferrira	Ferrira	850
1890	Clark	Christenson	400
1891	Jacobs	Le Baron	2000

1892	Leonardini	Bradhoff	1400
1893	Same	Same	1400
1894	Pinel Ref	Schnebly	450
1895	Quinley	Quinley	1600
1896	Jurgins	Brewin	150
1908	Dalton	Fake	3800
1911	O'Hara	O'Hara	2000
1912	Coffin	Sims	400
1913	Moran	Moran	500
1914	Hoyt	Sherwood	400
1915	Beretta	Duvan	1500
1916	Miller	Scott	2300
1917	Brooks	Montgomery	1400
1918	Idora	Idora	400
1919	Kibbe	Drennan	2150
1920	Sjoberg	Knight	3000
1924	Barban	McCreary	1385
1925	Greuner	Greuner	10000
1926	Johnson	Johnson	4000
1927	Medera	Risen	400
1928	Pilliod	Hamilton	2500
1932	Baillinger	Kerrigan	3575

(1878) N SIXTY-THIRD 125 W Herzog, Oakland. One-story 5-room dwelling.

Owner.....Mrs. C. Jones, 1080 63rd, Oakland.
Architect...Elite Planners, 1844 5th Ave., Oakland.
Contractor...M. P. Brasch, 5826 Ocean View Drive, Oakland.
COST, \$2000

(1879) E PATTERSON AVE opp Wisconsin, Oakland. One-story 4-room dwelling.

Owner.....David J. Harrison, 2145 Jones, Oakland.
Architect...None.
Day's work. COST, \$600

(1880) NO. 285 JAYNE, Oakland. Alterations.

Owner.....F. Sherman, Premises.
Architect...None.
Contractor...J. Trounson, 5414 Miles Ave., Oakland.
COST, \$400

(1881) E OAK GROVE AVE 350 N Forest Ave., Oakland. Two-story 7-room dwelling.

Owner.....H. S. Butler, 5349 Manilla Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1882) NO. 3449 E-FOURTEENTH, Oakland. Alterations.

Owner.....Frank Vielhaner, 7304 E-14th, Oakland.
Architect...None.
Contractor...Joe Flittner, 1700 35th Ave., Oakland.
COST, \$500

(1883) NO. 3336 CHESTNUT, Oakland. Alterations and additions.

Owner.....Mr. and Mrs. J. Craig, Prem.
Architect...None.
Contractor...Frank Mayer, 4215 E-14th, Oakland.
COST, \$1400

(1884) SW HOPKINS AND UPHAM Ave., Oakland. One-story 4-room dwelling.

Owner.....Wm. Barrie, 2111 Broadway, Oakland.
Architect...None.
Contractor...E. Lundberg, 595 17th, Oakland.
COST, \$1000

(1885) SE LAWTON AND 50TH, Oakland. One-story 5-room dwelling.

Owner.....A. H. Lecombe, 5756 Herman, Oakland.
Architect...None.
Day's work. COST, \$2500

(1886) S FORTY-THIRD 315 E Webster, Oakland. One-story 4-room dwelling.

Owner.....Constantino Rettagliata.
Architect...None.

Contractor...J. W. Crow, 511 56th, Okd.
COST, \$1194

(1887) W VISTA 170 N Wellington Ave., Oakland. One-story 5-room dwelling.

Owner.....Paul E. Woodburn, 3965 Greenwood Ave., Okd.
Architect...None.
Day's work. COST, \$2500

(1888) NO. 1923 WARNER, Oakland. One-story 4-room dwelling.

Owner.....Anthony Ferrira, 2159 51st Ave., Oakland.
Architect...None.
Day's work. COST, \$850

(1890) S TWELFTH on Auditorium site, Oakland. Shed.

Owner.....N. Clark & Son, Alameda Point, Alameda.
Architect...None.
Contractor...Christenson Bros., 237 Wayne Ave., Oakland.
COST, \$400

(1891) N WENTWORTH 280 E Vicksburg, Oakland. One-story 5-room dwelling.

Owner.....Fred Jacobs, 221 3rd, S. F.
Architect...None.
Contractor...Wm. A. Le Baron, 1039 45th Ave., Oakland.
COST, \$2000

(1892) N CAVOUR 30 E Shafter Ave., Oakland. One-story 5-room dwlg.

Owner.....J. B. Leonardini, 5218 Shafter Ave., Oakland.
Architect...None.
Contractor...C. O. Bradhoff, 911 55th, Oakland.
COST, \$1400

(1893) N CAVOUR 65 E Shafter Ave., Oakland. One-story 5-room dwlg.

Owner.....J. B. Leonardini, 5218 Shafter Ave., Oakland.
Architect...None.
Contractor...C. O. Bradhoff, 911 55th, Oakland.
COST, \$1400

(1894) NW FOURTEENTH & HARRISON, Oakland. Supply station.

Owner.....Pinel Dome Refining Co., Foot of Livingston, Okd.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgriff, 6th and Jackson, Oakland.
COST, \$450

(1895) N FIFTIETH 70 E Lawton, Oakland. One-story 4-room dwelling

Owner.....N. W. Quinlen, 1458 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1600

(1896) NO. 929 CAMPBELL, Oakland. Alterations.

Owner.....D. Jurgins, 2214 J St., Sacramento.
Architect...None.
Contractor...P. Brewin, 1473 7th, Okd.
COST, \$450

(1908) PTN 35 SE COR. JOHN AND Howe, Lot 1 Blk 8, Oakland. All work for two-story frame (2) flats.

Owner.....Nina L. Dalton, 4277 Howe, Oakland.
Architect...None.

Contractor Geo. H. Lydlken and W. H. Fuke, 1616 25th Ave., Oakland.

Filed July 28, '14. Dated July 28, '14.
Frame up 1/4
Brown coated 1/4
Carpenter work completed 1/4
Completed and accepted and all bills paid 1/4
TOTAL COST, \$3800
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1911) SW FOURTH AVE & POITLAND, Oakland. One-story 5-room dwelling.
Owner.....Mrs. G. D. O'Hara, 2176 4th Ave., Oakland.
Architect...M. L. Newsom, 1552 5th Ave., Oakland.
Day's work. COST, \$2000

(1912) S PERRY 100 E Adams, Oakland. Garage.
Owner.....Coffin, Premises.
Architect...None.
Contractor...E. Sims, 372 40th, Okd.
COST, \$400

(1913) NO. 1531 FIFTH AVE., Oakland. Alterations and repairs.
Owner.....Mrs. Moran, San Francisco.
Architect...None.
Day's work. COST, \$500

(1914) NO. 407 FAIRMOUNT, Oakland. Alterations and repairs.
Owner.....J. G. Hoyt, Premises.
Architect...None.
Contractor...J. P. Sherwood, 463 60th, Oakland.
COST, \$400

(1915) NO. 375 VAN BUREN AVE., Oakland. Addition.
Owner.....J. A. Beretta, Premises.
Architect...None.
Contractor...Oliver Duval & Son, Dailziel Bldg., Oakland.
COST, \$1500

(1916) S E-TWENTIETH 160 W 17th Ave., Oakland. One-story 5-room dwelling.
Owner.....Harry G. Miller, 427 Laguna, Oakland.
Architect...None.
Contractor...G. A. Scott, 685 23rd, Okd.
COST, \$2300

(1917) W PANORAMIC WAY 300 S Prospect, Oakland. Two-story 7-room dwelling.
Owner.....R. C. Brooks, 2840 Regent, Oakland.
Architect...None.
Contractor...W. S. Montgomery, 2321 Ward, Oakland.
COST, \$4100

(1918) FIFTY-SIXTH AND TELEGRAPH AVE., Oakland. Alterations.
Owner.....Idora Park Co., Premises.
Architect...None.
Day's work. COST, \$100

(1919) NW THIRTY-FIFTH AVE AND Hopkins, Oakland. One-story store.
Owner.....G. R. Kibbe, 3064 Florida, Oakland.
Architect...Hutchinson Bros., 470 13th Oakland.
Contractor...M. Drennan, 3338 Arkansas, Oakland.
COST, \$2150

(1920) N HAMPEL 40 W Woodruff Ave, being Lot 195 4th Avenue Terrace, Oakland. All work for one-

story 5-room and basement and attic dwelling.

Owner.....John Sjoberg, 858 Willow, Oakland.
Architect...None.
Contractor...Harry C. Knight, 3800 Market, Oakland.

Filed July 29, '14. Dated July 29, '14.
Ready for ceiling joists.....\$750
Ready for plaster.....750
Plaster completed.....750
Completed and accepted.....375
Usual 35 days.....375
TOTAL COST, \$3000

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1924) S FIFTIETH AVE 200 W E-9th, Oakland. Rock bunker.
Owner.....Barbom Chemical Works, Premises.
Architect...None.
Contractor...McCreary & Sampson, 6056 Wheeler, Oakland.
COST, \$1385

(1925) E CLAREMONT 100 S Forest, Oakland. Two-story 20-room flats.
Owner.....Wm. Greuner, 414 14th, Oakland.
Architect...Alvin J. Stern, 1542 Broadway, Oakland.
Day's work. COST, \$10,000

(1926) NOS. 1719-39 SAN PABLO AVE Oakland. Fire repairs to frame stores.
Owner.....Annie M. Johnson, 2604 9th Ave., Oakland.
Architect...None.
Day's work. COST, \$4000

(1927) E CAN AVE 137 1/2 N E-8th, Oakland. One-story 4-room dwlg.
Owner.....Manuel A. Medera.
Architect...None.
Contractor...H. G. Risen.
COST, \$400

(1928) W DELAWARE 155 S Curran, Oakland. Two-story 7-room dwlg.
Owner.....J. A. Phillof, 3320 Champion, Oakland.
Architect...None.
Contractor...E. D. Hamilton, 3320 Champion, Oakland.
COST, \$2500

(1932) N KEITH AVE 126 E Pryal being Lot 17 Blk "V" Vernon Park, Oakland. All work for two-story 8-room frame dwelling.
Owner.....Wallace A. Ballinger, 336 Alcatraz Ave., Okd.
Architect...None.
Contractor...Wm. H. Kerrigan, 5153 Shafter Ave., Oakland.

Filed Aug. 1, '14. Dated June 20, '14.
Frame up and roof on.....1/4
Plastered 1/4
Completed 1/4
Usual 35 days.....1/4
TOTAL COST, \$3575
Bond, none. Limit, 60 days after Aug. 3. Forfeit, \$1. Plans and specifications none.

Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1889	Ehret	Warren	4000
1897	United Bldrs	Owner	1700
1898	Final	Schnebl	500
1899	Livingston	Owner	400
1900	Gravatte	Marshall	1700
1909	Morton	Morton	1950
1910	Same	Same	1950
1921	McCullough	Owner	500
1922	Schrant	Schrant	500
1923	Morse	Morse	400

1929 WoodworthBroad 1800
1930 CrossCross 500
1931 CrossCross 7000

(1889) N BERKELEY WAY 150 W Oxford, Berkeley. Two-story 12-room flats.

Owner.....E. Ehret, 2139 Berkeley Way, Berkeley.
Architect...James W. Plachec, Acheson Bldg., Berkeley.
Contractor...C. H. Warren, 2200 Ather-ton, Berkeley.
COST, \$1000

(1897) E STANTON 205 S Prince, Berkeley. One-story 5-room dwlg.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1700

(1898) NW SHATTUCK AND DURANT Ave., Berkeley. Oil supply station.
Owner.....Pinal Dome Refining Co., Oakland.
Architect...None.
Contractor...Schnebl, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$500

(1899) NO. 2113 DELAWARE, Berkeley. Shingling.
Owner.....Wm. Livingston, 2918 Ellis Berkeley.
Architect...None.
Day's work. COST, \$400

(1900) S RUSSELL 180 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner.....Gravatte & Caelho, 904 Folger Ave., Berkeley.
Architect...None.
Contractor...Geo. Marshall, 904 Folger Ave., Berkeley.
COST, \$1700

(1909) N ALCATRAZ AVE 120 W Baker, Berkeley. One-story five-room dwelling.
Owner.....Matheo Morton, 1300 Alcatraz Ave., Berkeley.
Architect...None.
Day's work. COST, \$1950

(1910) N ALCATRAZ AVE 54 W Baker, Berkeley. 1-story 5-room dwelling.
Owner.....Matheo Morton, 1300 Alcatraz Ave., Berkeley.
Architect...None.
Day's work. COST, \$1950

(1921) S DURANT 150 W Telegraph Ave., Berkeley. Repairs.
Owner.....J. P. McCullough, Premises
Architect...None.
Day's work. COST, \$500

(1922) S FOREST AVE 200 E Pied-month Ave., Berkeley. One-story 3-room dwelling.
Owner.....Philip Schrant, 2822 Forest Ave., Berkeley.
Architect...None.
Day's work. COST, \$500

(1923) E OXFORD 600 N Rose, Berkeley. Additions and alterations.
Owner.....T. O. Morse, 3040 Italycon Court, Berkeley.
Architect...None.
Day's work. COST, \$100

(1929) NO. 2338 PROSPECT, Berkeley Alterations.
Owner.....Mrs. Helen Woodworth, 2329 Prospect, Berkeley.
Architect...None.

Contractor, A. H. Broad, 2117 Kittredge, Berkeley.
COST, \$1800

(1930) NE CLAREMONT AND HILLcrest, Berkeley. Garage.
Owner, R. H. Cross, 1304 E-28th, Oakland.
Architect, D. C. Coleman, S. F.
Day's work.
COST, \$500

(1931) NE COR. CLAREMONT AND Hillcrest, Berkeley. Two-story 10-room dwelling.
Owner, R. H. Cross, 1304 E-28th, Oakland.
Architect, D. C. Coleman, S. F.
Day's work.
COST, \$7000

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Ant.
1901	Renner	Leaves	1150
1902	West End Bldg	Owner	1250
1903	Postel	Postel	2000
1904	Rohr	Delaney	6800
1905	Strang	Strang	2000
1906	St. Sure	Dufour	1500
1907	Strang	Strang	1500

(1901) NO. 1447 EIGHTH, Alameda. One-story 3-room dwelling.
Owner, Mrs. Renner, Premises.
Architect, None.
Contractor, J. R. Leavers, 2527 E-29th, Oakland.
COST, \$1150

(1902) NO. 3234 SAN JOSE AVE., Alameda. One-story 4-room dwelling.
Owner, West End Bldg. Ass'n., 1601 Webster, Alameda.
Architect, None.
Day's work.
COST, \$1250

(1903) NO. 3108 CENTRAL AVE., Alameda. One-story 5-room dwelling.
Owner, A. Postel, 2117 San Jose Ave., Alameda.
Architect, None.
Day's work.
COST, \$2000

(1904) SW FERNside AND MONTE Vista, Alameda. Two-story eight-room dwelling.
Owner, Mrs. Libbie H. Rohr.
Architect, None.
Contractor, Delaney & Randlett, 2303 Central Ave., Alameda.
COST, \$6800

(1905) NO. 3227 FAIRVIEW AVE., Alameda. One-story 5-room dwlg.
Owner, F. N. Strang, 1334 8th, Ala.
Architect, None.
Day's work.
COST, \$2000

(1906) NO. 1209 LAFAYETTE, Alameda. Addition to dwelling.
Owner, A. F. St. Sure, Premises.
Architect, None.
Contractor, Wm. Dufour, 2326 Santa Clara Ave., Alameda.
COST, \$1500

(1907) NO. 1609 PACIFIC AVE., Alameda. One-story 5-room dwelling.
Owner, V. N. Strang, 1509 9th, Ala.
Architect, None.
Day's work.
COST, \$1500

COMPLETION NOTICES.

ALAMEDA COUNTY.

July 14, 1914—SW WOOD AND GOSS 100x100, Oakland. Miss Elizabeth Becker and Mrs. Maria Sander to Jos Flittner. July 8, 1914
July 15, 1914—SE SARATOGA AVE and NE Elm NE 120xSE 132.50,

Brooklyn Tp. Emma M. Blom (widow) July 15, 1914—LOT 19 BLK "H" Map Northbrae Terrace, Bkly. Amanda J. Arps (wf B G) July 15, 1914—CENTER LINE BAY View Ave 882.96 NE Sunnyside NE 335.07 SE 327.62 SW 194.64 NW 296, Brooklyn Tp. Mary F. Silva (wf Manuel F.) July 16, 1914—LOTS 336 AND 340 Map Stone Orchard, Alameda Co. Wm. and Matty Fried to whom it may concern. May 29, 1914
July 16, 1914—ADELINE NO. 3209, Okd. Joseph Giani (by J. A. Valadon) to James Grimmins and E. J. Coleman. July 15, 1914
July 17, 1914—NE S. MARY'S AND Pleasanton Avenue E 65xN 125. Pleasanton. Anton Petersen to C. A. Bruce. July 14, 1914
July 17, 1914—NW TWELFTH AND Grove 112x50, Okd. The Brugulere Co to Reinhart Planing Mill Co. July 16, 1914
July 18, 1914—LOT 4 AND E ½ LOT 5 Bk "D" Map Reshdyn Bks A, B, C, D, E and F Map No. 3, Roberts & Wolfskill Tract, being No. 552 63, Okd. Wendel Klepping to H S. Klepping. July 16, 1914
July 20, 1914—LOT 1 Map George W. Austin's Sdvn of Bk "D" Vernon Park Okd. Minnie Willford to whom it may concern. May 15, 1914
July 20, 1914—LOT 24 BLK "H" Map Broadway Terrace, Okd. E. J. Roberts to whom it may concern. July 17, 1914
July 20, 1914—NW TWELFTH AND Grove 112x50, Okd. The Brugulere Co to Terranova Bros. July 10, 1914
July 21, 1914—NE ELEVENTH AND Franklin E 100xN 37½, Okd. Barbara Streitt (by Wm. Wilde) to E. Andersen. July 21, 1914
July 21, 1914—LE ROY AVE NO. 1536, Bkly. Joel H. Hildebrand to Frank Button. July 20, 1914
July 22, 1914—LOT 25 BLK 3 Amending Map Thousand Oaks Court, Oakland Tp. J. H. Spring and George Friend to Spring Constr Co. July 22, 1914
July 21, 1914—E COLLEGE AVE AND SE Bryant Ave NE 32.5 SE 100 SW 40 NW to College Ave N to point beg. Okd. John Breuner Co to G. B. Hollenbeck. July 6, 1914
July 22, 1914—LOT 22 BLK 1, Thousand Oaks Heights, Oakland Tp. J. H. Spring and George Friend to Spring Constr. Co. July 22, 1914
July 22, 1914—LOT 6 BLK "D" Map Waterside Terrace, Alameda. Mark T. Cole to whom it may concern. July 25, 1914
July 23, 1914—E SIXTY-EIGHTH AV 25 N E-14th 50 on 68th Ave, Okd. Ellen McFarlane (wf C E) to C E. McFarlane. July 23, 1914
July 23, 1914—E MANILA AVE 80 S Clifton 40x100, Okd. J. J. Brunning to L. G. Geary. July 14, 1914
July 23, 1914—SW E-EIGHTEENTH 40 NW 9th Ave N W35xSW 100, Okd. Patrick Desmond to Atchison & Son. May 30, 1914
July 23, 1914—LOT 15 BLK 3 East Piedmont Heights Ext. Okd. Myrtle Wilson to Alex C. Wieben. July 23, 1914
July 24, 1914—E JAMES AVE 80 N Clifton N 40x100, Okd. Israel Kessler to J. Kessler. July 22, 1914
July 25, 1914—LOT 3 BLK "F" Map Claremont Court, Bkly. Chas E. Miller to Jacob House. July 24, 1914
July 25, 1914—NW TWELFTH AND

Grove 112x50, Okd. The Brugulere Co to Ecklund & Eckamp. July 24, 1914
July 27, 1914—NE ½ LOTS 25, 26 & 27 Map Kelly Tract Ttn Watson 100 acres, Okd. M. J. and Grace Aldridge to United Home Bldrs. July 25, 1914
July 27, 1914—LOT 21 BLK "C" Map 4th Ave Park, Okd. Standard Bldg Co to whom it may concern. July 25, 1914
July 27, 1914—W TWENTY-SEVENTH Ave 75 S 22nd, Okd. Ellen Smith to A. P. Waid. July 15, 1914
July 28, 1914—LOT 25 BLK 18 Map Northbrae, E Ventura Ave., bet. Marin and Sonoma Aves, Albany. N. P. Jensen to H. H. Schussler. July 27, 1914
July 28, 1914—N CHANNING WAY 35 E California E 35xN 90, Bkly. D. H. Finkle to C. E. Hovey. July 25, 1914
July 28, 1914—NE HAYWARD AND Estuillio Avenues, San Leandro. Bank of San Leandro to W. T. Baker Co. July 10, 1914
July 28, 1914—S WALNUT AVE 80 W Lillac, being Lot 3 Bk 6, Brookdale Terrace, Okd. J. E. Settles to O. G. Smith. July 28, 1914
July 28, 1914—N FORTY-FIFTH 265 W West 75x100. M. Berlingen to I. W. Button. July 27, 1914
July 28, 1914—LOT 3 BLK 4, Orange Ave, Okd. S. W. Beers to C. M. Dean. July 25, 1914
July 29, 1914—LOT 14 Map McMillan Tract, Okd. W. C. Mills to J. J. Widmer. July 29, 1914
July 29, 1914—LOT 2 BLK "B" Map 4th Ave Park, Okd. Grace C. Woodburn to whom it may concern. July 29, 1914
July 29, 1914—LOTS 58 AND 59 BLK 7 on Masonic Ave, bet. Marin and Dartmouth, Albany. R. Duttkie Jr to John Larsen. July 29, 1914
July 30, 1914—LOT 11 BLK 15, San Pablo Park, Bkly. W. H. McGill to C. Texdahl. July 27, 1914
July 31, 1914—LOT 11 BLK 1 Map Haddon Hill, Okd. Jeanette A. Jordan (by Asael W. Peak) to whom it may concern. July 15, 1914
July 31, 1914—N E-SIXTEENTH 75 E 4th Ave N 110x E 75, Okd. Theresa E. Schmitt to M. F. and Edw. Sommerstrom. July 31, 1914
July 31, 1914—LOT 9 BLK 1, Hotel Claremont Tract, Bkly. Martha L. Brown to Oscar Salraenen. July 30, 1914
July 31, 1914—S FIFTY-FIRST 255.125 SE Shafter Ave SE 35.02 SW 108.61 NW 35 NE 107.57, Okd. Matthew Klein to whom it may concern. July 31, 1914
July 31, 1914—SW COR TENTH AND Franklin W 75xS 75, Okd. George E. and Selena E. Ellis to Van Sant-Houghton Co. July 24, 1914
July 31, 1914—LOT 4 BLK 2 Colusa Ave Ext, Bkly. W. L. Broderick to whom it may concern. July 30, 1914
July 31, 1914—SW COR TENTH AND Franklin W 75xS 75, Okd. George E. and Selena E. Ellis to Jas H. Pinkerton. July 27, 1914

LIENS FILED.

ALAMEDA COUNTY.

July 16, 1914—LOT 3 BLK 56, Town of Niles. Niles Lumber & Milling Co vs J. A. and Annie M. Silva and F. C. Griffin & Sons. \$68.85
July 17, 1914—LOT 3 BLK 56, Town of Niles. L. A. Vieux vs J. A. Silva

July 17, 1914—LOT 21 BLK "B" Map Piedmont Knoll, Okd. Redwood Mfg Co vs Wickham Havens, Inc, East Bay Home Builders, J Davidson and H L Wood.....	\$455.39
July 18, 1914—LOTS 6 AND 7 Map Part Estate Wm Tyson, Washington Tp. Niles Lumber & Milling Co vs C E Martenstein and F C Griffin & Sons.....	\$623.65
July 23, 1914—LOT 58 Map Reshdvn Peralta Park, Bkly. W S and John Edward Cooper (Cooper & Son) vs E B Fontaine and C M Blabon....	\$30
July 24, 1914—W CAMPBELL 54 S 9th S 54x102.6, Okd. Bay Elec Co, \$315.40; Oakland Wire Works, \$50; C F Sinclair, \$168.50; Will J Cahill, \$120 vs Cooper African Methodist Episcopal Zion Church, J N Torres and J B Rice (Torres & Rice).....	\$734
July 25, 1914—N SANTA CLARA AVE 537-9 1/2 W Fifth W 38xN 144-3, Alameda. John Struven vs Emil T Bertelsen.....	\$734
July 27, 1914—W CAMPBELL 54 fm S line 9th th along W line Camp- bell 54 W 102-6, Okd. Hodge & Collins Lumber Co vs Cooper African M E Zion Church of Oakland and Torres & Rice.....	\$502.93
July 28, 1914—W CAMPBELL 54 S 9th S 54xW 102-6, Okd. Swift & Wilcox vs Cooper African M E Zion Church, J W Torres and J B Rice	\$272
July 29, 1914—LOT 17 BLK 5 Map Brookdale Terrace, Okd. Redwood Manufacturers Co vs L W Ander- son.....	\$96
July 29, 1914—NW TWENTY-SIXTH Ave 540 SW E-14th SW 25 NW 119.58 NE 25 SE 119.60, Okd. J J Wright vs Julia Wright & Harriet E Milam.....	\$200
July 29, 1914—SE SIXTY-SECOND Ave and NE Virginia Ave NE 50x SE 100, Okd. W P Fuller & Co vs East Bay Home Bldrs.....	\$102.50
July 31, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Victor Kay vs W S Bliss.....	\$541.50

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

July 31, 1914—S CENTRAL AVE 605 W Prospect W 20 S 350 W 155 S 60 SE 180 N 57 1/2 Ala. Theophilus Reichard as to improvements on leased property.....	
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SAN JOSE AND THE SANTA CLARA VALLEY

SCHOOL—1 story, frame and plaster. Cost not stated. Burlingame, San Mateo Co., Cal. Architects, John Edwards and Ernest Norberg, San Mateo. Owners, Burlingame School District. The building will be erected in the Burlingame Meadows District and will contain three rooms. Interiors will be finished in pine throughout. There will be composition blackboards. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW—1 story and base, frame. Cost not stated. Redwood City, San Mateo Co., Cal. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Dr. A. Miles Taylor. The dwelling will contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. There

will be an open fire place and tile or brick mantel. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and figures will be taken at once.

RESIDENCES—1 and 2 story, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: J. F. Clark, 308 South 11th street, seven-room house, \$2,000; A. O. Kent, 146 South 22nd street, five-room house, \$2,000; J. J. Hanson, 140 North 16th street, four-room cottage, \$1,500 and V. D. Brown, 723 Gifford, five-room cottage, \$1,600. Materials are now being purchased.

ROAD CULVERT—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Bids will be opened on August 17th by the Board of Supervisors for constructing a road culvert on the Harwood Road south of Branham Lane. Plans and specifications can be secured from the County Clerk.

RUBBLE WALL—Concrete and earth. Cost not stated. San Jose, Santa Clara County, Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications have been completed for a rubble wall to be erected on Campbell Creek. Plans are now out for figures and bids will be opened on August 17th. Plans and specifications can be secured from the County Clerk.

LODGE HALL—2 story and base, reinforced concrete, \$50,000. San Jose, Santa Clara Co., Cal. Architects, Aitken & Richards, Theatre Bldg., San Jose. Owners, San Jose Eagles Hall Association. The building will cover a considerable ground area and will be of fireproof construction. First floor will be occupied by stores. Upper floor will be arranged for offices of the organization, lodge rooms, social hall and banquet room. Interior will be finished in pine and hardwood with a maple floor in the banquet hall. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by the architects.

SCHOOL—1 story, frame. Cost not stated. Tres Pinos School District, San Benito Co., Cal. Architect's name not given. Owners, Tres Pinos School District. The building has been designed to contain three rooms. Interior finish will be of pine throughout. The building will be heated by stoves. Composition blackboards will be used. A septic tank will be constructed but is not included in the contract for the building. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the County Superintendent of Schools at Hollister. Bids will be opened on August 8th.

Contracts Awarded.

SCHOOL—1 story and base, frame and concrete, \$15,680. Sunnyvale, Santa Clara Co., Cal. Architects, F. D. Wolfe & Son, San Jose. Owners, Sunnyvale School District. Contractor, V. E. Parrish, Sunnyvale. Contract price, \$15,680.

BRIDGE AND CULVERT—Reinforced concrete and steel, \$3,860. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood

City. Owners, San Mateo County. Contractors, Barrett & Hilt, Sharon Bldg., S. F. Contract price, \$3,800.

BRIDGE EXTENSION AND CULVERT—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, John Doyle, San Jose. Contract price, culvert, \$1,863; bridge extension, \$642.

Sunnyvale School Bids Are Opened.

Parrish of Sunnyvale Will Probably Be Awarded the Contract. Seven Bids Were Received.

Bids were opened Saturday for the construction of a new concrete and frame school building at Sunnyvale, Santa Clara County. The work was designed by Architects F. D. Wolfe & Son of San Jose. V. E. Parrish of Sunnyvale submitted the lowest figure at \$15,680, and will be awarded the work.

Following is a complete list of the bids as opened:

Sunnyvale School Building.

F. L. Hoyt, San Jose.....	\$17,500
J. Dond, San Jose.....	15,800
C. E. Curry, San Jose.....	17,965
F. W. Fox, Palo Alto.....	17,475
V. E. Parrish, Sunnyvale.....	15,680
Lester H. Stock, S. F.....	18,550
W. H. Bates, Mountain View 19,527	

BUILDING CONTRACTS.

SAN MATEO COUNTY.

SOUTH SAN FRANCISCO. "Fenestra" steel sash for window openings for three-story reinforced concrete and brick factory building.

Owner.....W. P. Fuller & Co., Beale and Mission, S. F.

Architect...Wright & Rushforth, 571 California, San Francisco.

Contractor...Pacific Bldg. Materials Co., 523 Market, S. F.

Filed July 10, '14. Dated July 2, '14. Steel sash delivered.....\$758

36 days after.....253

TOTAL COST, \$1011

Bond, \$506. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days. Forfeit, \$20 per day. Plans and specifications filed.

CONCRETE FOUNDATIONS, FLOORS and reinforced concrete on above.

Contractor...H. L. Petersen, 62 Post, San Francisco.

Filed July 10, '14. Dated July 2, '14. 2nd floor concrete poured.....\$4800

3rd floor concrete poured.....3459

Completed and accepted.....4000

36 days after.....3987

TOTAL COST, \$15,946

Bond, \$8000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days after excavation is ready. Forfeit, \$25 per day. Plans and specifications filed.

EXCAVATION, BRICK WORK, ETC., on above.

Contractor...Charles R. Hadley, 110 Jessie, San Francisco.

Filed July 10, '14. Dated July 2, '14. All walls are level with 2d story

Completed and accepted.....2030

window sills.....\$2000

36 days after.....1350

TOTAL COST, \$5380

Bond, \$2690. Surety, Fidelity & Deposit Co. of Maryland. Limit, 28 days after wood forms are removed from the concrete frame. Forfeited, \$20 per days. Plans and specifications filed.

TWO HYDRAULIC ELEVATORS, COMPLETE, ON ABOVE.

Contractor, Van Emon Elevator Co., 60 Natoma, San Francisco
Filed July 10, '14. Dated July 2, '14.

TOTAL COST, \$2328

Bond, \$1164. Surety, Pacific Coast Casualty Co. Limit, Oct. 7, 1914. Forfeited, none. Plans and specifications filed.

LOT 4 BLK "N" SUB. 3, ELEVENTH Ave, Hayward Park. Plumbing, painting, electrical work, carpenter and rough hardware work for one-story frame, concrete foundation building.

Owner,.....Edw. C. Beals, San Mateo. Architect,.....Edward C. Beals.

Contractor, W. B. Eaton, Burlingame. Filed July 28, '14. Dated July 27, '14.

Frame up\$230

Brown mortar on 230

Completed and accepted 230

Usual 35 days 230

TOTAL COST, \$920

Bond, \$460. Sureties, H. W. Regan and Joseph Grimes. Limit, 10 working days. Forfeited, \$5. Plans and specifications filed.

LOT 31 BLK 49, Easton Addition No. 1. All work for five-room dwelling.

Owner,.....Mrs. Jean C. Plumbe, 224 6th Ave., San Francisco.

Architect,.....None.

Contractor, Caldwell & Wisnom, 47 Railroad Ave., S. F.

Filed July 15, '14. Dated July 13, '14.

Frame up\$570

Plastering done 570

When finished 570

Usual 35 days 570

TOTAL COST, \$2280

Bond, none. Limit, 70 days. Forfeited, none. Plans and specifications filed.

LOTS 15 AND 16 BLK "O," San Mateo. All work for one-story bungalow cottage.

Owner,.....Maurence Boland, San Mateo Architect,.....None.

Contractor, Croop K Keegan, San Mateo.

Filed July 28, '14. Dated July 28, '14.

Frame up\$612.50

Brown coat mortar on 612.50

Building completed 612.50

Usual 35 days 612.50

TOTAL COST, \$2450.00

Bond, \$1225. Sureties, J. P. Britt and J. F. McCann. Limit, 75 days. Forfeited, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
July 15, 1914—LOTS 38 AND 39 BLK

12, San Bruno Park. C E Bacalla
to John W Jones & G E Brummer

..... July 11, 1914

July 16, 1914—PTN LOT NO. 4, Valparaíso Park, Menlo Park. Academy of the Sacred Heart to D J Byron

..... July 10, 1914

July 16, 1914—LOT NO. 6 BLK 3, Crystal Springs Park, San Mateo.

William C Duncan to Collman & Collman,..... June 17, 1914

July 16, 1914—LOT NO. 157 SUB NO.

2, San Mateo Park. Brownie C and William G Loomis to W S Leadley

..... July 15, 1914

July 16, 1914—"ORCHARD" of Jenevein Sub of Ptn of Burl Burl

Rancho, San Mateo Co. A D and Amelia M Jenevein to R C Stickle

..... July 15, 1911

July 20, 1914—LOT 4 BLK 23, Redwood Highlands. Laura McCann

Bennett to whom it may concern.

..... July 18, 1914

July 20, 1914—"SOUTHERLY HALF" of Lots 7 and 8 Blk 13, Crocker Est

Sub 1. P A Dickie to J S Rockwell.

..... July 9, 1914

July 22, 1914—"PUKISSIMO & KELLY Sts., Half Moon Bay. Andrew T

Gilcrest to Frederick A Simmons

..... July 14, 1914

CESSATION OF LABOR.

SAN MATEO COUNTY.

July 23, 1914—LOT 16 BLK 13, Daly City. M Berman with Joseph C

Stromswold. Work ceased.....

..... June 15, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
July 27, 1914—LOT NO. 50 Subvn 1

of San Mateo Park. E Quagelli vs Christian and Marie Walther...

.....\$742.29

July 27, 1914—LOT 50 OF SUB. NO. 1

of San Mateo Park. E Quagelli vs Christian and Marie Walther...

.....\$742.29

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

ASSOCIATION BUILDING—2 story and base, frame, \$22,000. Crockett, Contra Costa Co., Cal. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, Young Men's Christian Association. The building will be designed to contain class rooms, social rooms, library, a large auditorium and gymnasium. Interior will be finished in pine and redwood with some maple floors. There will be a central heating system and hot water supply. A large swimming tank will also be included. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—2 story and base, brick. Cost not stated. Sonoma, Sonoma Co., Cal. Architect, A. C. Lutgens, 523 Market street, S. F. Owners, Sonoma School District. This building has been described here before when plans were first out for figures. The time for opening bids has been extended and plans can be secured from the architect in San Francisco.

THEATRE—1 story, brick, \$8,000. Martinez, Contra Costa Co., Cal. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Cornelia Gray. The building has been designed for a motion picture house and will contain one store besides the theatre. Interior will be finished in pine throughout. A cement floor will be used. Ornamental plaster is specified. Special electric work will be installed. There will be a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BATH HOUSE AND SWIMMING TANK—Frame and concrete construction. Cost not stated. White Sulphur Springs, Napa Co., Cal. Architect, L. M. Tutton, 111 Main street, Napa. Owners, White Sulphur Springs Co. Plans have been completed and figures are now being taken for a reinforced concrete swimming tank 50 by 100 feet and for bath houses to be erected at the same place. Plans can be secured from the architect.

SCHOOL—2 story and base, brick. Cost not stated. Pittsburg, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg School District. The building has been described in these columns before when plans were first out for figures. Bids ran too high and were rejected. There will be eight class rooms, assembly hall and principal's office. Interior will be finished in pine with maple floors in the class rooms. Plans provide for a central heating system and modern school plumbing. Exterior of the building will be faced with pressed brick. Revised plans are now out for figures and bids will be opened on opened on August 12th. Plans and specifications can be secured from the architect.

SEWER WORK—\$50,000. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Engineer has plans nearly complete for sewer extensions in the western part of the city and will submit the same to the City Council at their next meeting. The work has been estimated to cost \$50,000.

INTERSECTING SEWER—Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Plans have been completed for intersecting sewer No. 2, and figures are now being taken. Bids will be opened on August 10th instead of August 20th as at first advertised. Plans and specifications can be secured. SUBDIVISION WORK—\$100,000. Fairfax, Marin Co., Cal. Engineer, E. J. Morser, Monadnock Bldg., S. F. Owners, Eastern capital represented by Ferguson-Brunner Co., S. F. A number of eastern capitalists have purchased the famous old Fairfax Park tract, embracing about 400 acres, and are about to put the property on the market in acre tracts for suburban homes. Surveyors are now engaged in making the surveys for roads, sidewalks and sewers. There will be a large amount of grading, macadamizing and concrete work. Bids will be taken in about two weeks.

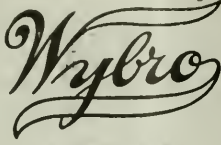
Contracts Awarded.

STREET IMPROVEMENTS—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Two street contracts were awarded at the last meeting of the City Council. The Municipal Improvement Co. were awarded the contract for the improvement of Pullman avenue on their bid of \$54,593.42, and L. L. Page was awarded the contract for the improvement of Clinton avenue at \$16,193.17.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

LOT 18 BLK 39, City of Richmond Tract (as two buildings with party wall the Wly had to be erected on Lot 19). All labor and materials, etc., for



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San Francisco

two-story brick building including Alaska marble on front for all bases and old gold pressed brick.

Owner.....Matthias Heinen, Woodland, Cal.

Architect...J. B. Ogborn, 822 Macdonald Ave., Richmond.

Contractor..Carl Overaa, Richmond. Filed July 28, '14. Dated July 11, '14.

No payments or total cost given. Bond, \$2900. Sureties, David Lewis and J. H. Duus. Limit, 90 working days. Forfeit, \$10 per day. Plans and specifications filed.

LOT 19 BLK 39, City of Richmond Tct. Ely half on Lot 18 for Matthias Heinen. All labor and materials, etc., for two-story brick building, including Alaska marble for bases and old gold pressed brick in front.

Owner.....Chas. J. Crary, Richmond and Geo. Brown, Oakland.

Architect...J. B. Ogborn, 822 Macdonald Ave., Richmond.

Contractor..Carl Overaa, Richmond. Filed July 28, '14. Dated July 14, '14.

No payments or total cost given. Bond, \$2900. Sureties, David Lewis, San Francisco and Ole Tobiasson, Richmond. Limit, 90 working days. Forfeit, \$10 per day. Plans and specifications filed.

LIENS FILED.

MARIN COUNTY.

RECORDED	AMOUNT
July 31, 1914—BELVEDERE. Hogan Lumber Co vs Geo M White and Belvedere Land Co.....	\$2105.57
July 27, 1914—HAPPY VALLEY TCT. San Rafael. J M Enyeart vs Frank Grubert et al.....	\$84.60

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED	ACCEPTED
July 29, 1914—FAIRFAX MANOR. Fairfax. H M Coley to L L Jessup	July 22, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

POST OFFICE REMODELING—Brick construction. Cost not stated. Fresno, Fresno Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened on August 11th for repairs and remodeling of the United States post office at

Fresno. Plans and specifications are on file with the Postmaster at Fresno, or can be secured from the Supervising Architect at Washington. An official proposal will be found in this issue.

MANUAL TRAINING DEPARTMENT—1 story, frame. Cost not stated. Clovis, Fresno Co., Cal. Architect, W. F. Bowen, Rowell Bldg., Fresno. Owners, Clovis High School District. Plans have been completed and are now out for figures for a one-story frame manual training building to be erected on the High School grounds. Interior of the building will be finished in pine. Exterior will be covered with cement plaster. Bids will be opened on August 8th. Plans can be secured from the architect. On the same day bids for furnishing manual training tools and supplies for the district will be opened. Complete particulars can be secured by addressing Secretary John E. Rutledge at Clovis.

RESIDENCE—2 story and base, frame, \$5,000. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Edward Gobin. The dwelling will contain seven rooms and bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are now being prepared.

PASSENGER STATION—1 story and base, reinforced concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Completed plans have been sent to Modesto for the new passenger station to be erected between I and J streets. The building will be in the Mission style and will cover an area of 50 by 150 feet. There will be two waiting rooms, agents' office and baggage room. Interior will be finished in pine and redwood. Tile floor will be used. There will be a central heating system. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now being figured.

SEWER SYSTEM EXTENSIONS—Cost not stated. Visalia, Tulare Co., Cal. Engineer, City Engineer McCabe, Visalia. Owners, City of Visalia. City Engineer McCabe of Visalia is rapidly completing plans for an extensive new sewer system to be installed. Several new real estate additions to Visalia

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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has made the extensions of sewers necessary.

Contracts Awarded.

OPEN AIR SCHOOLS—2, 1 story, frame. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, none. Owners, City of Modesto. Contractors, W. J. Kerry and L. F. Free, Modesto. Contract price, \$2,168.

SCHOOL ADDITION—2 story, brick. Cost not stated. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, City of Fresno. Bids opened for this work show Smith & Jones low at \$28,697. Bids were taken under advisement.

BRIDGES—9, reinforced concrete. Cost not stated. Madera, Madera Co., Cal. Engineer, County Surveyor, Madera. Owners, Madera County. The Supervisors of Madera County have awarded nine bridge contracts—six to the Pacific Coast Construction Co. of Fresno and three to James Willison of Rockaway Beach, San Mateo Co. The Pacific Coast Construction Co.'s contracts are as follows: Over Ash Slough, 600 feet, reinforced concrete, \$14,641; first slough south of Berenda, reinforced concrete, \$2,246; second slough south of Berenda, reinforced concrete, \$2,950; Cottonwood Creek, 175 feet reinforced concrete, \$5,700; Fine Gold Creek, reinforced concrete, \$5,900; and Walker Creek, reinforced concrete, \$6,290. James Willison's contracts were as follows: Cottonwood Creek, reinforced concrete, \$6,341; Berenda Slough, reinforced concrete, \$11,954; and Cottonwood creek, reinforced concrete, \$5,693.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Concrete construction. Cost not stated. Chico, Butte Co., Cal. Engineer, County Surveyor, Oroville. Owners, Butte County. Plans and specifications have been approved for a reinforced concrete bridge in the Esplanade at Chico. Bids are now being taken and will be opened by the Board of Supervisors on August 7th. Plans can be secured from the County Surveyor.

INN—2 story, log construction, \$10,000. Lake Tahoe, Placer Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected on the shore of the lake and will contain offices, dining room, lobby and social rooms on the first floor. Upper floor will be arranged for guest rooms. The entire building will be finished in rustic style. There will be a large stone fire place in the lobby. Running water will be supplied to all rooms. Plans are now being prepared. Further mention will be made of the work.

ELEVATOR EQUIPMENT—Cost not stated. Sacramento, Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened on July 30th by the State Board of Control for installing elevators in the State Library show the Pacific Gurney Co. of San Francisco the only bidder. Their figure was \$8,300, and has been rejected. The work will be re-advertised.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 24th at 2 p. m. for constructing state highways in the following counties: Santa Barbara, 6.5 miles; San Benito, 4 miles; Kern, 17.3 miles, and in San Diego, 1.6 miles. An official proposal for this work appears in another column of this issue. Plans and specifications together with full particulars can be secured by addressing the State Highway Commission at Sacramento.

SEWER PUMPING MACHINERY—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids opened for furnishing and installing pumping machinery in the Riverside avenue sewer station show Teichert & Ambrose of Sacramento low at \$12,000. Keating & Holt were the only other bidder at \$45,000.

HOTEL AND STORES—4 story and base, brick and steel, \$75,000. Lodi, San Joaquin Co., Cal. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owners, Lodi Hotel Co. The building will cover an area of 50 by 100 feet, and will contain a number of stores besides the hotel lobby and dining room on the first floor. Upper floors will contain in the neighborhood of 120 guest rooms, a number of which will have private baths. Interior finish will be of pine with some hardwood. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans have been completed and figures on the general contract will be called for at once. Foundation work is complete and a contract for the structural steel has been awarded to the Ralston Iron Works.

BRIDGE—Steel or timber construction. Cost not stated. Fall River Mill, Shasta Co., Cal. Engineer, County Surveyor, Redding. Owners, Shasta County. Plans have been accepted by the Board of Supervisors for a new bridge over the Pitt River. Bids will be taken for either a wooden structure or steel span. The bridge will be 165 feet long. Bids will be called for at once.

Contracts Awarded.
HOSPITAL DAIRY BUILDING—1 story, concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Boxton, Dillon & Boxton, Hearst Bldg., S. F. Contract price, \$18,940. A complete list of the figures opened for this work will be found under the heading of Sacramento, Stockton and Northern California in this issue.

STREET IMPROVEMENT—\$80,381.98. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. The Federal Constructing Co. of San Francisco has

been awarded a contract for street improvements in the Oaks on their bid of \$80,381.98. The contract includes asphalt macadam, gravel alleys, concrete walks, curbs and gutters. The contractors will put in a new plant at Stockton to handle this work and any additional work in that section of the state.

SCHOOL—1 story and base, reinforced concrete, \$6,628. Cherokee School District, Glenn Co., Cal. Architect, Clarence L. Styles, 2416 Parker avenue, Berkeley. Owners, Cherokee School District. Contractor, W. R. Zumwalt, Willows. Contract price, \$6,628.

STREET IMPROVEMENT—\$18,000. Willows, Glenn Co., Cal. Engineer, City Engineer, Willows. Owners, City of Willows. Contractors, Clarke & Henery Co., Sacramento. Contract price, \$18,000

Stockton Dairy Bids Opened By Board.

Only Four Sets of Figures Received
At Sacramento, Boxton, Dillon &
Boxton Low Men.

(By Special Wire.)

SACRAMENTO, CAL., July 28th, 1914
—Bids were opened by the State Board of Control today for constructing Dairy Buildings at the Stockton State Hospital. Only four sets of figures were submitted. Boxton, Dillon & Boxton of San Francisco were low at \$18,940. They will probably be awarded the contract. Following is a complete list of the figures as submitted:

Stockton Dairy Buildings.	
Boxton, Dillon & Boxton...	\$18,940
A. E. Olsen.....	20,990
J. C. Beer.....	22,542
Morrison Bros.....	23,697

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

ON CYPRESS AVE., bet 37th and 38th Sts., Sacramento. Erect six classrooms at Oak Park Grammar School. Owner.....Board of Education, Sacramento School District, City Hall, Sacramento.

Architect...None.
Contractor...Walter J. Mathews, School Carpenter, City Hall, Sacramento.
COST, \$1500

V ST., bet 26th and 27th Sts., on N ½ of Elk U. V. 26th and 27th Sts., Sacramento. Build 2 temporary school rooms and grammar and primary school building.

Owner.....Board of Education Sacramento School District, City Hall, Sacramento.
Architect...None.
Contractor...Walter J. Mathews, City Hall, Sacramento.
COST, \$500

NO. 1115 W ST., on E ½ Lot 7, V. W. 11th and 12th Sts., Sacramento. Remodel dwelling.
Owner.....Mrs. A. Roche, Premises.
Architect...None.
Day's work.....COST, \$500

NO. 1517 BANCROFT WAY near M St. on Lot 413 Wright & Kimbrough Sub

17, Sacramento. Two-room residence
Owner.....C. H. Beard, Premises.
Architect...None.
Day's work.....COST, \$350

W ½ LOT 6, V. W. 11TH AND 12TH Sts., Sacramento. Two-story and basement (2) tenements.
Owner.....Josephine Glacken, 1123 W St., Sacramento.
Architect...None.
Contractor...Earnest Thomas & Theodore Schluckebier, 2601 California Ave., Sacramento.
Filed July 22, '14. Dated July 24, 1914.
COST, \$7500

NO. 306 TWENTY-SEVENTH S ½ OF N ½ Lot 4, C, D, 26th and 27th Sts., Sacramento. One-story five-room frame dwelling.
Owner.....Chas. T. Chimson, 321 27th St., Sacramento.
Architect...None.
Contractor...P. J. Herold, Forum Bldg., Sacramento.
COST, \$2500

NO. 1915 SIXTH, Sacramento. One-story addition to brick bakery.
Owner.....Geo. Simi, 905 S St., Sacramento.
Architect...None.
Contractor...Peter Leoni, 1330 V St., Sacramento.
COST, \$1400

NO. 210 ST. N ½ Lot 2, J. 2nd and 3rd Sts., Sacramento. One-story hollow the addition to brick bldg.
Owner.....Nellie Carlow, 918 8th St., Sacramento.
Architect...None.
Contractor...Henry Wyman, 1022 27th Sacramento.
COST, \$400

NO. 316 L ST., W 25 Lot 3, L, M. 3rd and 4th Sts., Sacramento. Put tin roof, etc., on restaurant and store.
Owner.....Frank Husick, Clarksburg
Architect...None.
Contractor...Miller, Cahill & O. Henley, 1116 J St., Sacramento.
COST, \$200

PTN OF TRACT OF LAND ADJ. abutment of M Street Bridge on Front street, situate N of City Wharf, Sacramento. Concrete wharf and two-story frame office building.
Owner.....California Transportation Co., Jackson Street Wharf, San Francisco.
Architect...None.
Contractor...Ross Constr. Co., Forum Bldg., Sacramento.
COST, \$5200

NO. 2210 J ST., on N ½ W ½ Lot 2, J, K, 22nd and 23rd Sts., Sacramento. Alterations to residence.
Owner.....J. J. Monteverde, Prem.
Architect...None.
Contractor...J. H. Wygant, 2110 X St., Sacramento.
Filed July 22, '14. Dated July 22, '14.
COST, \$1830

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

NE COR. SAN JOAQUIN AND WEBER Ave, Stockton. Concrete pierr floor, retaining walls and foundation walls for five-story Class "C" store and office building.

Owner, Charles Belding Co., 325 E. Weber St., Stockton.
 Architect, Stone & Wright, 26 S. California St., Stockton.
 Contractor, A. W. Cowell, 1231 N. Sutter St., Stockton.
 Filed July 24, '14. Dated July 24, '14.

Upon completion \$1032
 Usual 35 days 244
TOTAL COST, \$1276
 Bond, none. Limit, 25 working days.
 Forfeit, \$15 per day. Plans and specifications filed.

BLOCK 34 LOT 16 S of Mormon Channel, Stockton. Excavating, concrete work, brick work, carpenter, mill, plumbing, sheet metal, painting electrical wiring and plastering for one-story frame residence.

Owner, Louis and Antone Compadonico, 248 W-Park St., Stockton.

Architect, Joseph Sosekann, 79 San Joaquin Bldg., Stockton.
 Contractor, A. J. McPhee & Sons, 316 N-California St., Stockton.

Filed July 27, '14. Dated July 27, '14.
 Frame work completed \$500
 Enclosed and plastering done 500
 Completed and accepted 500
 Usual 35 days 799
TOTAL COST, \$2299

Bond, \$1149.50. Sureties, Geo. Smith and P. M. Boscaacci. Limit, 75 days.
 Forfeit, \$5 per day. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 July 22, 1914—S 23½ FEET LOT 1,
 K. L. 2nd and 3rd Sts., Sacramento.
 Henry & Emille Goldstein to Chas
 A Vanina July 16, 1914

ELEVATOR BIDS WILL BE REJECTED.

SACRAMENTO, CAL., July 30th, 1914
 —The Pacific Gurney Co. of San Francisco were the only firm submitting a bid for the elevator work at Sacramento. Their bid was \$8,500 and was rejected as being above the amount available. New figures will be advertised for shortly.

LOS ANGELES AND SOUTHERN CALIFORNIA.

TRESTLE BRIDGE—Reinforced concrete pile construction. Cost not stated. Fillmore, Ventura Co., Cal. Engineer, County Surveyor, Ventura. Owners, Ventura County. Plans have been completed and have received the approval of the Board of Supervisors for a 660-foot extension to the Bardsdale bridge near Fillmore. Bids will be opened on August 8th. Plans and specifications can be secured from the Clerk of the Board of Supervisors.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect Richard D. King, 1 W. Hellman Bldg., L. A. Owner, L. Fishiera. The building will be erected at the corner of 7th and Westmoreland streets, covering an area of 56 by 134 feet, and has been designed to contain a total of 18 suites arranged in apartments of two, three, four and five rooms. Interiors will be finished in pine and mahogany. There will be steam heat, elevator service, a hot water supply and vacuum cleaning. All

apartments will have private baths and wall beds. Bath rooms will be finished in tile. There will be a swimming pool in the basement. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete.

CHURCH—1 story and base, hollow tile construction. \$12,000. Calexico, Imperial Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Congregational Church of Calexico. The building will contain a main auditorium and Sunday school rooms. Interior will be finished in pine with ornamental plaster. There will be some marble and tile. Exterior of the building will be faced with cement plaster. Art glass windows are specified. Plans are now being prepared. A. C. Wright is the pastor.

MISSION RESTORATION — \$50,000. San Diego, San Diego Co., Cal. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Mission San Diego de Alcalá. There are several buildings comprising the group known as the Mission San Diego de Alcalá and all of the buildings will be repaired. It is the intention of the commission now in charge of raising funds for this work to adhere as nearly as possible to the workmanship and architectural style of the original buildings.

FACTORY AND WAREHOUSE — 2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, William Curlett & Son, Merchants' Trust Bldg., L. A. Owners, Rudegar-Merle Co., S. E. The building will be erected at the corner of Alameda and Palmetto streets, covering an area of 160 by 272 feet. Construction will be of the class C type. Metal window sash and frames will be specified. There will be elevator service and fire doors. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, 1125 Central Bldg., L. A. Owner, Arthur W. Fisher. The building will be erected on Hope street with a frontage of 60 feet and a depth of 150 feet. The building will contain office, lobby, parlors and about 88 guest rooms. 50 per cent of which will have private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. All bath rooms will have tile floors and wainscot. Exterior will be faced with pressed brick. Plans are being prepared.

RESIDENCES—2, 2 story and base, frame and plaster, \$20,000 each. Pasadena, Los Angeles Co., Cal. Architect, Leonard L. Jones, Central Bldg., L. A. Owners' names withheld. Each of these houses will contain eleven rooms and two baths. Interiors will be finished in pine and hardwood with hardwood floors. There will be three open fire places and tile mantels. Bath rooms will have tile wainscot and floors and will be equipped with showers. Automatic water heaters will be installed. Exteriors of the houses will be covered with cement plaster on metal lath. Clay tile roofs will be specified. Plans are being prepared and construction will be started about September 1st.

SCHOOL BUILDINGS—1 and 2 story and base, brick, \$100,000. Alhambra, Los Angeles Co., Cal. Architect, Norman F. Marsh, 212 Broadway, L. A. Owners, Alhambra School District

Working drawings are complete for the new High School group to be erected in Alhambra. Plans for the gymnasium have been revised, making it a two-story structure to be used by the city and the High School. Interiors will be finished in pine with hardwood floors. There will be the most modern school plumbing and fixtures. All buildings will be heated by steam furnished by a central heating plant housed in a separate building. Exteriors will be faced with blue brick. Bids will be called for this week.

GIRLS' SCHOOL—2 story and base, brick, \$60,000. Rancho La Brea, Los Angeles Co., Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Marlborough School for Girls, Mrs. Mary S. Caswell, principal. The building will be designed in the Colonial style in the shape of a hollow square with a one-story gymnasium building in the rear. The extreme dimensions will be 156 by 176 feet. Interior will be arranged for class rooms, assembly hall, living rooms and teachers' rooms. A number of sleeping porches, which will face on an open patio, will be a feature of the building. Interior finish will be of pine. There will be a central heating system and modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are nearly complete.

SCHOOL—2 story and base, hollow tile construction, \$25,000. Holtville, Imperial Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville School District. The building will contain twelve class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are being completed. The sum of \$43,000 is available for constructing the building and purchase of the site.

SCHOOL—2 story and base, brick, \$15,000. Tustin, Orange Co., Cal. Architects, Elwing & Tedford, Santa Ana. Owners, Tustin School District. Contractor, George Kuechel, Orange, general construction, \$38,420; heating and ventilating, John McFadden, Santa Ana, \$3,925.

PIPE LINE WATER SUPPLY—\$25,000. Calexico, Imperial Co., Cal. Engineer, City Engineer Calexico. Owners, City of Calexico. The City Engineer has been instructed to prepare plans at once for a pipe line or an enclosed conduit from the central main canal to the city's reservoirs which will greatly improve the city's water supply. Bids will be called for shortly.

STORES AND OFFICES—5 story and base, Class A construction, \$175,000. Phoenix, Ariz. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Dwight B. Heard. The building will be erected on Central avenue, covering an area of 70 by 146 feet. Construction will be of the Class A type throughout with a complete steel frame, reinforced concrete walls and floors. There will be several stores in the first floor and a total of 156 offices on the upper four floors. Interiors will be finished in pine and hardwood with metal trim and metal window frames and sash. Marble and tile will be used in the stores and entrance lobby. Plans provide for steam heat, elevator service, vacuum cleaning and water supply. Exterior will be faced with pressed brick. Plans have been revised and new figures will be called for

shortly.

THEATRE—3 story and base. Class A construction, \$125,000. Long Beach, Los Angeles Co., Cal. Architect, Irving J. GHI, 913 South Figueroa street, L. A. Owner, Homer Laughlin. The proposed building will be erected at the corner of Fourth and Pine streets and is being promoted by Archie Levy. A proposition to market a bond issue of \$120,000 will be submitted to the Long Beach Chamber of Commerce and if accepted working drawings will be prepared. Further mention will be made of this work if the bond issue is floated.

Contracts Awarded.

CULBERT—Reinforced concrete, \$30,000. Alhambra, Los Angeles Co., Cal. Engineer, City Engineer Charles E. Hewes, Alhambra. Owners, City of Alhambra. Contractors, Mesmer-Rice Co., Story Bldg., L. A. Contract price, \$30,000.

RESIDENCE—2 story and base, frame and plaster, \$5,000. Beverly Hills, Los Angeles Co., Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Edmund Locke. Contractor, T. C. Voorhes, 904 West 56th street, L. A. Contract price, \$15,000.

SCHOOL ADDITIONS—1 story, brick and frame, \$43,425. Los Angeles, Cal. Architect, Architectural Dept. Board of Education, L. A. Owners, City of Los Angeles. Contractors, May & Grimwood, Union Oil Bldg., L. A. Contract price, \$43,425.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—6 story and base. Class C construction, \$60,000. San Francisco. Architect, Douglas, Seattle, Wash. Owners, D. and S. Investment Co., 1152 Phelan Bldg., S. F. The building will be erected at the southwest corner of Ellis and Hyde streets, covering an area of 57½ by 74½ feet. There will be stores on the first floor. Plans show a light steel frame with brick exterior walls faced with pressed brick. Interior will be arranged for two and three room apartments and finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Plans are complete and in the hands of the owners who are now taking figures on the work.

A "SEA OF DOUBT."

Criticising the Trade Commission Bill and especially the unfair competition clause, Senator Colt of Rhode Island is reported to have "declared that after the supreme court had taken fifteen years to get a basis for interpreting the Sherman Law, it seemed that Congress, by using the term 'unfair competition,' was setting out on a sea of doubt and uncertainty."

One chief demand of the country is for a method of regulation of big business that will not require fifteen years for finding a basis of control.

The basis of control or of interpretation found by the supreme court after fifteen years is today practically identical with the unfair competition clause of the pending measure. Reversing its earlier interpretation a majority of the court finally ruled that trust methods, or corporation methods, should be considered in the light of reason—that is,

each case was to be determined by considering whether it was a reasonable or an unreasonable restraint of trade.

Now, as to the competitive methods of business, this trade commission bill takes this discretionary control from the slow processes of the courts and places it with an administrative board, whose machinery for finding out and for reaching a decision is much swifter and better equipped for the work than the court machinery.

There is certainly now "a sea of doubt." At the least the Trade Commission Bill seems to have discovered a much more easily navigated "river of doubt."

SECRETARY OF THE INTERIOR GIVES INTERESTING FACTS.

Secretary Lane in a recent interview gave out the following facts on the Nation's mineral products:

"The Nation's output of mineral products of various kinds is a fair measure of industrial activity. For several months now the Department of the Interior, through the Geological Survey, has been issuing its final statistics of the 1913 mineral production which confirms in detail the preliminary estimates issued early in January for the principal minerals. In the large majority of cases these authoritative figures tell in one way or another the same story of industrial prosperity. In coal production the increase has been general, and it is this very fact that serves as an unmistakable index of general health in the industrial world. But as State after State is shown to have had its banner coal year—West Virginia, Illinois, Ohio, Kentucky, Alabama, Virginia, Oklahoma, New Mexico, Montana, Texas, Utah, and Pennsylvania in both bituminous and anthracite, the record becomes spectacular. Ohio for instance had its floods, yet there was a substantial 6 per cent increase in coal output, and the miners averaged more working days in 1913 than in 1912. Twelve other States showed increases varying from 3 per cent in Iowa to 12 per cent in Indiana and over 15 per cent in Washington, and only Colorado, Maryland, North Dakota, Nevada, Idaho, and Missouri show decreased output, the Colorado labor troubles explaining the only significant decrease. In a similar way, the figures of coke production give large increases, and coke, it may be noted, is a step nearer the metal industry. Petroleum production in 1913 exceeded all records, an increase of 25 million barrels and 72 million dollars over the 1912 returns.

In metal mining, the iron and zinc mines had a banner year, while gold, silver, lead and copper showed a decline in many of the largest producing States. Structural materials on the other hand exhibit marked gains almost without exception. Thus 1913 was the banner year for cement, which gains more than 11 per cent over 1912, and record outputs are also shown for lime, building sand and gravel, sand-lime brick, and glass sand. Other mineral products for which 1913 was a record-breaking year, are bauxite and aluminum, sulphuric acid, feldspar, mica, pottery, and talc and soapstone, while substantial increases are reported for gypsum, phosphate rock, abrasives, braytes, slate, and salt. These production figures all express well-maintained activity in mines,

smelter, furnace, and mill and prove that the American people are utilizing more of the Nation's great natural resources than ever before. A few weeks later when figures are at hand for all of the mineral products, it is expected that 1913 will be found to have outstripped both 1912 and 1907 which have hitherto held the record."

RUSSIAN MANUFACTURING.

The number of manufacturing establishments (exclusive of mines) under factory inspection in Russia was 17,356 in 1912, with 2,151,191 operatives, as against 16,000, with 2,051,191 operatives in 1911. A comparison of the wages paid to operatives show that the aggregate earnings in establishments where fines are in force amounted to \$196,730,000 in 1912, this being an increase of \$6,180,000, as compared with \$190,550,000 earned in 1911, while the average earnings per operative rose from \$129 in 1911 to \$131 in 1912. If the average earnings per operative in establishments where fines are not enforced are the same as in establishments where operatives are fined, the total earnings of all operatives for 1912 amounted to \$282,735,000, or an increase of \$17,510,000 over 1911. The factory statistics for 1908, as reported by the Ministry of Commerce and Industries, show that the aggregate annual production of all establishments (including mines and metal works) amounted to \$2,218,105,000. The output for 1912 of the factories and works employing 2,151,000 operatives was estimated by the same ministry at \$2,644,010,000. The net production, after deducting the cost of materials and fuel, was calculated at \$764,260,000 for 1908 and at \$910,320,000 for 1912.

"REPTILE" FUNDS.

It must seem a trifle unpleasant to Frenchmen to have the charge made on fairly competent authority that a great newspaper like the Figaro should be in the pay of a foreign government. Of course, there could be only one reason for the use of such a "reptile" fund as the Hungarian government is supposed to spend on foreign newspapers. That would be to have news distorted and suppressed in the interest of the Hungarian government.

A pretty bad state of affairs, of course. Americans can look down on it from a lofty moral height. American newspapers don't sell out to foreign governments. Their "reptile" funds would go begging here.

But—all "reptile" funds are not the possessions of scheming governments. In this country they are controlled by large domestic interests that have desired to influence public opinion. One such fund approaching in size that of the Hungarian government was recently uncovered under the direction of the old management of the New Haven Railroad.

Happily such expenditures never have proved profitable, although gullible managers of great corporations are still occasionally lured into them. The trouble is that the American public is too wise. It is "on" in a minute to a newspaper kept by the interests, and the paper at once loses any influence it might have had. Honestly really is the best policy—in newspapers as in every other department of human activity.—Kansas City Star.

CONSTRUCTION WORK ABROAD.

SOCIETY ISLANDS.

[Consular James H. Goodier, Papeete, Tahiti.]

Harbor Improvement Plans for Port of Papeete.

Supplementing a prior report (see Daily Consular and Trade Reports for Feb. 13, 1914,) the following concerning the plans relative to the improvements projected for the port of Papeete, Tahiti (French Oceania), is of interest:

As stated, the question of establishing at Papeete a port of call, a coal depot etc., has been examined by the Société d'Etudes pour la création de ports dans les Colonies Françaises, a French company having its head office in Paris. As also noted, this society 1911 sent to Tahiti investigating engineers, the French Government also sending an official mission in 1912, whose report approved established a port of call here.

In March, 1914, the French Chamber of Deputies and Senate ratified the concession of the port or harbor to the above-named Société d'Etudes under the following conditions: Said society to organize and incorporate a French company, minimum cash 3,000,000 francs (\$379,000), half fully paid before the company may issue any bonds. The president, chief director, and majority of the board of directors must be French citizens.

The harbor concessions carries the exclusive privilege, for 50 years, of supplying coal in the French establishments in Oceania under the reserve of the right left to importers who receive goods by their own chartered vessels to supply coal to their steamers outside of the islands of Tahiti and Moorea.

Program of Expenditures.

The works of first establishment are divided into: (1) Works of first urgency, estimated cost, 6,000,000 francs (\$1,155,000,) and (2) works of second urgency, estimated cost, 4,200,000 francs (\$829,900). The French Government will decide on the necessity and time for undertaking the works of second urgency, and said works will probably not be undertaken unless the harbor assumes great importance.

The Government itself is to take charge of the works of first urgency, to which this colony will contribute 900,000 francs (\$173,700), which will be spent in constructing lighthouses, one each on the islands of Patu Hiva, Mata Hiva, Tetiaroa, and Moorea. Other works of first urgency are to be: Widening pass up to 150 meters (meter equals 3.28 feet); deepening of pass to 13 meters; buoying of pass; enlargement and repair of existing quays; repairing slip; improvement of existing quays; repairing slip; improvement of existing waterworks, to insure an adequate frontage of 140 meters by creation of a coal depot having a water frontage of 140 meters by 8 meters deep on a width of 60 meters; erection of workshops; construction of necessary buildings for harbor work providing necessary working plant, tools, etc., one steamer for laying buoys; one steam tug.

Works of second urgency to be: Deepening of pass to 15 meters on a width of 150 meters; construction of quays to a great depth; lengthening of coal depot; establishment of an oil depot; extension of workshops.

The company is to prosecute this work under the control of the Government, which also would direct the greater part of the works of second urgency.

Wireless Station, Lighthouses, Docks, and Coal Depot.

It is expected to start forthwith at Papeete the erection of a wireless station powerful enough to communicate with Noumea in New Caledonia and perhaps even with the United States. A similar high-power station will be erected at Noumea, each station to cost about \$200,000. The Government reserves the right to build the wireless stations and lighthouses, but as yet no decision has been reached between the Government and the company as to which is to provide the floating dock contemplated or to build the new slip. All other works of second urgency are to be done by the company.

In order to prevent the company from increasing to the detriment of the harbor, the expenses attendant upon the coal depot, it has been stipulated (1) that these expenses shall not exceed 1,700,000 francs; (2) that the construction of workshops and necessary buildings for the exploitation work shall not be over 400,000 francs (77,200) and also as regards works of second purposes shall not exceed 200,000 francs (\$38,600).

All expenses of these various works in charge of the Government and company will be met by an issue of the company's bonds, guaranteed by the Government. The Government assumes charge of the service of these bonds in remitting to the company half-yearly annuities, reckoned at the rate of 41-2 per cent (outside of the retirement of said bonds in 50 years).

Situation as regards the Colony.

First. The colony pays a contribution of 900,000 francs for works of first establishment. It further gives to the company the use of lands and buildings pertaining to the harbor, for which it may have no further need.

Second. Besides, the colony engages to contribute yearly 36,000 francs towards the guaranty given by the Government.

Third. When the sales of coal shall have reached approximately 115,000 tons, this contribution shall cease, and thereafter the colony will contribute for the benefit of the Government, as soon as it shall have received the advances made before.

Fourth. On the other hand, the colony will benefit by all the indirect advantages due to the creation of a much-frequented harbor. New commercial relations to visit the port will tend to reduce freight rates to France, America, New Zealand, and Australia. To-day the lowest rate to France is about 85 francs (\$16.40 per ton, and it is hoped to reduce this to 45 francs (\$8.65) after the harbor is more widely used. A simple reduction of 10 francs (\$1.93) per ton on existing freight rates, would mean an annual economy of about 650,000 francs (\$123,150).

There is no exaggeration in estimating at fully \$200,000 the benefits which local commerce and trade will receive annually through the establishment of the harbor improvements and other works planned for this port.

Further details of the proposed harbor improvements, including tolls expenditures, etc., may be had from

LLOYD C. COMEGYS
COMMERCIAL ATTORNEY

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from the Bureau of Foreign and Domestic Commerce, Washington, D. C.)

THE CORROSION OF ALUMINIUM.

Recent researches prove that aluminium is subject to two kinds of corrosion; one of these resulting from a uniform attack all over the surface, while the other is localized in scales and spots. It is to be noted that the second case is generally produced upon metal which is mechanically worked by drawing or rolling. As in the case of iron, it seems that the metal must be exposed to air and dampness at the same time, for one alone will not produce it. Carbonic acid is a leading element in the corrosion. Worked aluminium scales off in the direction in which the mechanical action has been carried out.

REGISTERED PATENT CHIMNEY
ERECTORS.

The following firms are registered in the Bureau of Building Inspection of the Board of Public Works as "Patent Chimney Erectors" in San Francisco: Dresser McDunnell, 39-49 Isis street; Richmond Sheet Metal Works, 236 Clement street; Rege Bros. & Co., 1625 Powell street; Chas. Moehre (Modern Sheet Metal Works), 532 Clement street; Ingleside Sheet Metal Works (F. T. Estey, Manager), 806 Holloway street, and W. H. Yates, 943 Cole street.

PLANS FILED FOR P. I. E. BLDGS.

The following plans have been filed with the Building Department of the Board of Public Works by the Panama-Pacific International Exposition Co.: Toyland Platform, \$100,000; Illinois State Building, \$89,000, and Battle of Gettysburg, \$15,000.

Now that the war cloud is lowering over Europe there seems to be prospect of peace in war ridden Mexico. The elimination of Huerta seems to have eliminated intrigue for the time being and there seems to be some prospect of a permanent peace. If a constitutional government can be established and the Mexicans are assured that they have some prospect of owning land in their own country, there may be a chance to develop them into some sense of responsibility.

If the Carranza government is a success every body will be pleased but William Randolph Hearst. And if intrigue and assassination is eliminated from the aspirants to political favor a long step will have been made in the civilization of the Mexican Republic.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

What Advertising Can Do For the Retail Firm.

NEWSPAPERS, MAGAZINES, PROGRAMS, BILLBOARDS:

The newspapers, magazines, programs and bill boards of your locality can give you general publicity for the purpose of establishing the name and location of your firm and the general line of the goods it carries. They can also, and this refers specially to newspapers, advertise your prices and different lines of goods, and call attention to special sales, bargains and reductions.

As your advertisement in any particular newspaper, magazine, program or on any particular bill-board may be read or seen by only certain persons, the entire population of your town or city cannot be reached in this way, except by using space in all of the newspapers, magazines or differently situated bill-boards in your city.

LETTERS, POST CARDS, FOLDERS, CIRCULARS:

These may be used to great advantage, by carefully compiling a list of persons who would be desirable customers and who would reasonably have patronage you wish to go after. If a letter, post card, circular or folder is so worded as to convey the idea to the receiver, that you consider them a friend and client of your establishment, much impression will be added to your offers and you can build up a family of followers, that I personally believe, could not be accomplished by any amount of newspapers, magazines, bill boards or general publicity. Of course, the treatment of such parties when they come to your store in response to such personal invitations, must bear out your attitude toward them. Your salesmen must understand that if such customer in any way hint or disclose that they have come in response to such letter or printed invitation, that they must be made to feel that they are getting a special attention. I do not disparage the use of newspapers, magazine, program or bill-board advertising, but my point is that other mediums as letters, post cards, circulars, folders may be used hand-in-hand, under a proper apportionment of your entire expenditure, to your very great financial advantage.

Compiling lists and mailing out matter entails much more labor and attention, than inserting ads in publications, but the additional effort expended in this way, if your advertising matter is properly prepared to meet the view point of its receiver and contains the necessary pulling power, will be worth the trouble and should result in satisfactory returns to you.

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In using letters, post cards, folders, circulars, select those parties with

whom you wish to do business and submit a definite, concrete offer to them, and provide for a means of closing that offer and realizing your profit. This allows you to pick out a large number of people, submit your proposition to them and continue to follow up submitting it to them, until you have effected a sale or found that a sale cannot reasonably be made.

By such advertising you can talk your proposition to thousands in a single day and you can learn who is interested and who will not take your line.

Proper advertising enlarges your field of action, enabling you to make more money.

LLOYD C. COMEGYS.

NEW SETTIN-BERLIN CANAL.

From the engineering standpoint the new canal is a fine achievement. It has been carried in the most daring manner over hill and vale. Some two kilometers behind the railway station at Eberswalde the canal passes over the railway line, which has to be sunk at this point to the extent of 1.75 meters. It is a truly marvelous sight to see the trains puffing by underneath while overhead the heavily laden boats go sailing and steaming on their way. No less marvelous is the manner in which the canal has been constructed through the beautiful Ragose Valley, where the little river Ragose is conducted under the canal by means of a specially constructed cement channel. A dam 28 meters in height has been constructed right through the valley for a length of 1000 meters, and along this, high above the level of the valley, the canal has been laid. The finest piece of engineering work is, however, to be seen in the locks near Nieder-Flow. Here the canal had to be sunk to the depth of fully 36 meters in order to descend to the level of the Valley of the Oder. This sinking has been brought about by means of a series of locks, each one of which has a drop of nine meters. The entire length of the new canal is 100 kilometers, and the entire cost amounts to 43,500,000 marks. The traffic along this new route is already showing a rapid development, everywhere new industrial plants are springing up. In Berlin and Spandau new and extensive docks have been constructed; an express service has been organized between Berlin and Stettin, and new steamship and towing companies have been organized for service on this canal.—Continental Correspondence.

THE SUEZ CANAL TRAFFIC.

The report of the Suez Canal Company for 1913 states that ten years ago vessels recording more than 4000 tons were not 22 per cent of the total passing through the canal; last year they were over 44 per cent. Ships of over 6000 tons ten years ago were but one per cent of the total; last year they were five per cent. In 1912 the average time was cut down by 35 minutes to 16 hours and 19 minutes, which was maintained last year. Last year 5083 ships used the canal. The year 1913, while the total trade done was less than in 1912, showed a marked gain in the tonnage of loaded merchant ships. The quantity of merchandise carried was 25,775,000 tons, a record figure. The heavy business

was bound east and south. It included coke from Great Britain, sugar from Adriatic ports, petrol from Russia and the United States and phosphates from Algeria and Tunisia. A special feature was the size of the consignments to India and farther Eastern ports of worked metals, machinery and railway material. Burma, Siam, Indo-China and East Africa are increasing their trade with Europe. China and Japan are steadily and largely expanding their business, while India has from the first been a main supplier of traffic. The region directly tributary to the canal is also developing new industries.—Bradstreet's.

URGES NATIONAL TYPE OF U. S. ARCHITECTURE.

Sculptor Diedrich Is to Give Country Benefit of Fame.

PARIS, July 22.—William Hunt Diedrich, a young American sculptor, who has won fame after six years of work here in comparative obscurity, says:

"I have a number of commissions on hand now, but as soon as possible I intend to return to America. Being an American, I consider that whatever ability I may have should be devoted to work in America.

Although I have devoted much time to sculpture, the kind of work which attracts me most is architectural decoration, and that is what I intend to do chiefly in America.

"American architecture should be more emancipated. I have nothing to say against steel-work and sky-scraper, for they are the natural outcome of the national requirements, but in almost every other respect American architecture is laboring under European traditions completely out of keeping with the temperament of the American temperament. A Greek temple would look ridiculous in a country of pine trees.

"America should develop a national style of architecture, inspired by American nature, as the Gothic and old Norman styles were suggested by the conditions of the countries and the temperament of the peoples who created them. The Southern States require a much more exotic style of architecture than they have at the present day."

Diedrich suddenly sprang into prominence in the Parisian art world after exhibiting in last autumn's salon a dog composition. Franz Jourdain, the president of the Salon, wrote an enthusiastic letter about the work, as did many other leading artists, and there was much competition among connoisseurs for the right to purchase the statue at the price placed upon it by the artist. Among the competitors were Baron Robert de Rothschild, Baron Fould Springer and the ladies' tailor, Poiret. Finally Rothschild was allowed to buy the work on the understanding that the sculptor should carve another animal group for Springer.

He is now engaged on architectural decorations for Henri Rothschild's new summer mansion near Trouville-Deauville.

Diedrich, who was exhibiting in the Salon for the first time, was honored by being immediately made a member in recognition of his work.

He is a grandson of William Hunt of Boston, the artist decorator of the Albany Capitol.

GYPSUM INDUSTRY PROSPEROUS.

Value of Output in 1913 Reported by Geological Survey at Six and Three-Fourths Million Dollars.

Gypsum, the rock that makes plaster of Paris, was mined in the United States in 1913 to the extent of 2,599,508 short tons, an increase of 98,751 tons over the production of 1912, according to R. W. Stone, of the United States Geological Survey. The total value of gypsum and gypsum products produced in 1913 was \$6,744,822, compared with \$6,563,908 in 1912, an increase of \$210,914. Gypsum sold crude without calcining and used principally as an ingredient in Portland cement and paint and as sand plaster amounted to 463,136 short tons, valued at \$697,066, which is a good increase over the business of 1912. About 35 per cent of the gypsum sold crude in 1913 was used for Portland cement at an average value of \$1.19 a ton. The quantity sold for this purpose is steadily increasing. The quantity of gypsum sold crude for sand plaster has remained nearly stationary for four years, but the average price dropped in 1913 from \$2.02 to \$1.75 a ton.

There was an increase of 42,175 tons in the amount of calcined gypsum sold in 1913, yet the average price per ton was \$3.42—the same as in 1912. A total of 1,680,157 short tons was calcined for wall plaster, Keenes cement, plaster of Paris, etc. About 1,250,000 tons of this amount was used for mixed wall plaster, the so-called cement plaster and hard wall plasters of the building trades.

It is interesting to note that only 10 years ago (in 1903) did the output of the gypsum industry first pass the million-ton mark. The present production of over 2,500,000 tons, as shown by the figures, goes very largely into the manufacture of Portland cement and of hard wall plasters. So long as concrete construction remains in public favor the demand of Portland cement manufacturers for gypsum as an ingredient assures the gypsum industry of good business at points near Portland cement mills, and the increasing sales of hard wall plaster speak well for its success.

A marked advance in the quantity and value of gypsum imports was made in 1913. There was an increase of 34,686 tons of unground gypsum over importations of 1912, the total importation of unground gypsum in 1913 being 447,383 short tons, valued at \$473,594.

These figures will later appear in a chapter of "Mineral Resources" on the gypsum industry in 1913. The chapter will also contain descriptions of the occurrences of gypsum in 22 States and in Alaska.

Minor Jobs About Town

2941 Mission; extend running derrick; owner, V. Lagamarino, 566 London; cost, \$100.

117 Gates; raise and underpin dwlg.; owner, J. Dietz; cost, \$160.

7553 Geary; add 2 rooms; owner, Wolter & Colvert, Premises; contractor, E. C. Ray, 454 39th Ave.; cost, \$200.

1907 McAllister; concrete foundation and floor; owner, M. Meger, 138 McAllister; cost, \$250.

656 Leaworth; raise dwelling; owner, S. Monglion, Premises; contractor, A. Dragl, 733 Cheney; cost, \$100.

450 Broadway; minor changes; owner, Angelo Belmonte, Premises; cost, \$100.

102 Pope; electric sign; owner, Fritz Kitting, Premises; contractor, W. M. Flaherty, 126 Hillcrest Drive; cost, \$100.

East, bet. Merchant and Washington; erect signs; owner, Pockwitz Hoffman Co., Premises; cost, \$100.

N Willow 100 W Octavia; one-story frame private garage; owner, W. Macauley, 1128 Eddy; contractor, L. Salomon, 1303 Ellis; cost, \$250.

1100 Valencia; new front; owner, M. S. Blachard; cost, \$100.

121 14th; repair fence and shed; owner, Gleeson Estate Co., 1002 Masonic Ave.; cost, \$125.

301 Columbus; electric sign; owner, C. F. Dipacola, Premises; contractor, Moise-Klinkner Co., 1212 Market; cost, \$225.

W Orizaba 200 S Stanley; one-story and basement frame dwelling; owner, Mrs. D. Fuchs, 1671 45th Ave.; contractor, Geo. F. Gaylord, 1671 45th Ave.; cost, \$200.

SE Eddy and Fillmore; electric sign; owner, C. F. Murdrick, Premises; contractor, Moise Klinkner Co., 1212 Market; cost, \$150.

419 Presidio Ave.; alter hot house and repair for garage; owner, Lawrence Lalame, 3319 Sacramento; cost, \$125.

1880 Quesada; one-story frame shed; owner, L. Bergallo, Premises; cost, \$150.

2184 Union; electric sign; owner, L. Boggione, Premises; contractor, Moise-Klinkner Co., 1212 Market; cost, \$175.

121 Leavenworth; enlarge entrance; owner, F. Meitman, Premises; cost, \$100.

NW Geary and O'Farrell; new doors and enlarge kitchen; owner, H. Mottet, 3rd and Howard; contractor, Moller & Sons, 520 Jessie; cost, \$200.

2006 19th; raise and alter dwelling; owner, Jos. Crap; cost, \$210.

3669 Sacramento; terrazzo steps; owner, Mrs. L. O. Sobrier, Premises; cost, \$100.

N Washington, bet Taylor and Jones underpin present building; owner, Mr. Hunter, 1234 Washington; contractor, D. J. and T. Sullivan, 1940 Folsom; cost, \$250.

846 Kearny; electric sign; owner, K. Michel, Premises; contractor, Brumfield, 18 7th; cost, \$100.

127 Ellis; alter store; owner, J. C. Furness, Premises; contractor, H. P. Haas, 38 Pearl; cost, \$150.

2000 Lyon; reshingle roof; owner, S. Pilger, Premises; cost, \$175.

163 29th; concrete wall and ratproof store and flat; owner, Harry Tuck, 218 29th Ave.; contractor, L. D'Andrea, 29 Lizzie; cost, \$290.

249 Mississippi; concrete bulkhead; owner, Wm. Symon, Premises; contractor, P. J. Kelley, 658 Elizabeth; cost, \$150.

1908 Green; new steps; owner, Mrs. Coughlin; cost, \$115.

424 Geary; electric sign; owner, W. H. Peterson, Premises; contractor, Novelty Elec. Sign Co., 165 Eddy; cost, \$100.

W Mission 105 N 30th; repair and add one room; owner, A. Eby, 8½ Dolores; cost, \$250.

1102 Market; alter front; owner, J. W. Hyman, 143 Broderick; contractor, Fink & Schindler, 228 13th; cost, \$200.

2137 Sutter; concrete floor and enlarge room; owner, G. G. Commandery Co., Premises; contractor, Ira W. Coburn, 602 Hearst Bldg.; cost, \$145.

313 Noriega; change steps and add porch; owner, Geo. S. Clinton, Premises; cost, \$100.

25 Woodland Ave.; new front; owner, F. Meacham, Premises; cost, \$100.

N Washington 141 W Taylor; concrete foundation and brick piers; owner, F. L. and L. C. Heuter, 332 Pine; contractor, D. J. & T. Sullivan, 1940-44 Folsom; cost, \$200.

2285 Chestnut; alter front of building; owner, Tom Roppas; cost, \$120.

S Lincoln Way 95 W 3rd Ave.; one-story frame garage; owner, Marguerite R. Wharn, 253 Lincoln Way; cost, \$150.

34 Turk; repair fire damage; owner, Cypress Lawn Cemetery Ass'n.; contractor, J. Trounson, 121 5th; cost, \$258.

1697 Haight; minor alterations; owner, Mr. Harris, 1399 McAllister; contractor, S. P. Sorenson, 589½ Haight; cost, \$100.

1850 19th Ave.; alter windows; owner, Arthur Lang, Premises; cost, \$125.

1203 Market; new front, tile under window; owner, S. Glege and J. Hladilo, Premises; contractor, Frank F. Budinsky, 1675 Mission; cost, \$150.

944 Chestnut; one-story frame garage; owner, Mrs. M. A. Hume, 960 Chestnut; cost, \$150.

258 Market; construct platform; owner, Merchants National Bank; contractor, R. M. Coggins, 202 2nd; cost, \$100.

28 Beiden Place; concrete sidewalk; owner, L. C. Babin Co., 423 Kearny; cost, \$100.

1440 Market; add gallery to store; owner, Pacific Motor Supply Co., Prem.; contractor, Frank Elvin, 4017 18th; cost, \$142.

1723 Post; tar and gravel roof; owner, J. Franks; contractor, L. Salomon, 1303 Ellis; cost, \$250.

257 Bismark; add two rooms; owner, L. M. Inaugers and wife; cost, \$250.

2712 California; add bath room; owner, J. M. O'Brien, Premises; contractor, Boyer & Sons, 2407 California; cost, \$200.

N Pixley 98 E Steiner; one-story frame stable; owner, G. Moreci, Prem.; cost, \$100.

59 4th; electric sign; owner, George Cazorak, Premises; contractor, Moise Klinkner Co., 1212 Market; cost, \$225.

46 Coleridge; alter for store room; owner, P. Bandani, Premises; cost, \$175.

N Post 30 E Kearny; remove and replace sidewalk lights; owner, Dr. T. S. Schumate; contractor, John McGuigan & Co., 142 Silliman; cost, \$255.

Up and Down the Coast.

WOODLAND, Yolo Co., Cal.—Hewitt Davenport, President of the Keystone Investment Company, is now in this city to start the construction of a sewer and water system in Beames Park. T. E. Clark & Co., of Sacramento, have been awarded the contract for the work. The Capitol Sewer & Pipe Works, also of Sacramento, will furnish the pipe for the work.

SAN RAFAEL, Marin Co., Cal.—Bids will be received by the City Council until August 3rd, for the furnishing and installation of mechanical equipment in the San Rafael Bath House, located at the intersection of Second Street and the Toll Road. Eugene W. Smith is the City Clerk.

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as it appears completed with the steel
frame of the Hobart Building Showing in
the Rear, Designed by Architects Havens
and Toepke, San Francisco.

The Completed Gilroy High School at
Gilroy, Designed by Architect W. H.
Weeks of San Francisco.

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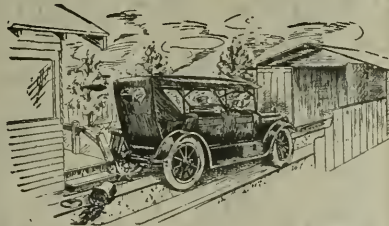
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Editorial Comment.

Whether or not the Chronicle has made a virtue of necessity or the Spring Valley Water Company has failed to make good with it the strange coincidence has come about that the organ of M. H. De Young has come out for the people in the water controversy. The facts and figures shown by the Chronicle demonstrate that the company is trying to hold up the city for from 10 to 20 million dollars. The question will be up for ratification by the people. In 1907 the corporation offered to sell its holdings to the city for 32 millions of dollars. Now it withdraws about half of its lands and offers to sell the balance for \$34,500,000—and take half of the money impounded. It is not at all probable that the people will stand for this hold up. And if they do not it is up to the Board of Supervisors to devise some way out of the difficulty.

We have a competent and capable City Engineer. He states that the plans are in readiness to put through the Sierra project. If we are going to be held up for 20 million, why not use this money in getting this supply?

And in the meantime what has become of the condemnation suits against Spring Valley? What is the Board of Supervisors paying an attorney \$1000 a month for to file these suits and bring them to trial? What is the City Attorney of the City and County of San Francisco doing?

It is about time that the people of the City of San Francisco inquire what is the business of a City Attorney? When the judge of a federal court criticizes openly the inactivity of the city's legal representative, as Judge Van Fleet did in the gas cases; when such deals as that pulled off by the Telephone Company can be put through and the Attorney's office goes to sleep on the job; when every public service corporation seems to be able to get about what it wants from the city, and there is no energy displayed in defending the city's rights, it is about time for the people to sit up and ask who represents them in a legal capacity.

The need of water is the most vital need that the city faces. We have had a long and bitter fight against selfish interests for permission to get a supply. We now confront the proposition of being held up by the water company because of our necessities or set to work to construct a new system. Twenty millions of dollars will do a good deal to build a new plant.

Some idea of the horrors of war can be gained by little details of the first dispatches. In the Belgian towns that were captured it was reported that citizens who resisted were shot

by the German soldiers, in many instances women and children were killed and the town burned.

Here is a small neutral power invaded by the war lord of a powerful nation. Its treaties of neutrality trampled in the dust, and the only reason given that it furnished an easier means of access into France. It means cities razed and obliterated, property destroyed, and fruitful fields changed into battlefields and charnel houses. Certainly this act of the war lord of Europe is the greatest argument for socialism that has been made in a century. And if the concert of nations does not produce disarmament in the future the education of the people should produce a revolt against this order of things.

THE SAME PRAYER.

Over their slaughtered children, one great cry
From either enemy;
From either host, thigh-deep in filth and shame;
One prayer, one and the same;
With Thee, with Thee, Lord God of Sabaoth
It rests to answer both.
Out of the obscene seas of slaughter, hear,
From East and West one prayer:
"O God, deliver thy people. Let thy sword Destroy our enemies, Lord."—
From "Prelude" to "The Wine Press," by Alfred Noyes.

The Czar of Russia has called his people to arms and the churches and people have offered up prayers to the god of battles to be with them in their hour of need. The Emperor of Austria has declared that his desire is for peace, but that fate has declared it otherwise. The German Emperor has declared that the war has been forced upon Germany and the French and Belgians and all the other countries are offering up prayers to the same God to defend their firesides from the invader. And to read the dispatches and watch the moving events on the map of Europe it would seem that the wars of the middle ages are being repeated.

Religion is a strange attribute of the human mind. Here in this day and age of the world an all wise and all merciful God is implored by his worshippers to destroy their enemies, who are fellow worshippers of the same Deity and in the same church.

A war of conquest now convulses the world. Mechanical inventions have made progress in the arts of war and of peace that has been phenomenal. These inventions are now put to the destructive uses of a barbaric age and it now remains to be seen whether or not the world will advance after this lapse into the night of barbarism.

Experiments With Concrete For Roads Conducted By the U. S. Office of Public Roads.

Address by J. T. Voshell, Senior Highway Engineer, U. S. Office of Public Roads, Washington, D. C.
From Proceedings of National Conference on Concrete Roads, Chicago, Feb. 12-14, 1914.

Prior to 1911 the Office of Public Roads had no money available to pay any part of the cost of constructing experimental roads. All that it could do was to furnish engineering and laboratory aid to co-operate with such communities as were desirous of its co-operation and were willing to furnish all labor and materials. Therefore the character of the experiments in road construction conducted by this office, prior to this time, were more or less controlled by the wishes of the local communities and no extensive experiments with concrete were made.

A description of these early experiments will be of little interest except it be from an historical standpoint and as illustrative of early attempts at building concrete roads. No very definite conclusions can be drawn from them as to what may be expected of more recent work and possibly their greatest value has been to illustrate the wrong way of building concrete roads rather than the right way. For example, all of the earlier sections were built by depositing on a prepared subgrade or foundation a fairly dry mixture of concrete which was spread and tamped in place by hand, and although great care was exercised in this work the surfaces of the roads so built were not smooth and therefore not in a condition to best resist the wear of traffic.

The Office of Public Roads has constructed experimental concrete roads at Ithaca, N. Y., Washington, D. C., in the Borough of Richmond, New York City, Bergen County, N. J., Borough of Queens, New York City, and Montgomery County, Maryland. As already indicated the methods employed in the first experiments have not proved satisfactory, but in order to show the evolution in the methods of construction a brief description of all of the experiments will be given.

In 1909 Cornell University invited the office to co-operate with it to ascertain the relative value of different road building materials and of different road surfaces. The invitation was accepted and some twenty-five experimental sections of road were built, two of which were of concrete. The concrete sections were built on Forest Home Drive, just west of Sibley College, and have been subjected to a rather hard automobile traffic and a considerable amount of country traffic. These sections, one 530 feet in length and the other 35 feet in length, consist of a foundation course of crushed limestone and a wearing course of concrete laid to a finished depth of 4 inches. The concrete of the 530-foot section is composed of 1 part of cement, 2 parts of sand and 5 parts of crushed limestone and that of the 35-foot section is composed of 1 part of cement, 2 parts of sand, and 6 parts of cinders. The cement was a standard brand of Portland cement conforming to the requirements of the usual specification. The crushed limestone for the coarse aggregate was furnished in two sizes, one ranging from $1\frac{1}{4}$ to $2\frac{1}{4}$ inches and the other

from $\frac{1}{2}$ to $1\frac{1}{4}$ inches. The percentages of voids were determined for each size of stone and for various mixtures of the two sizes. It was found that the percentage of voids was lowest in a mixture consisting of 5 parts of the larger stone and 3 parts of the smaller and this mixture was used in the work. The cinders were from the University heating plant.

All of the concrete was mixed in a stationary batch-mixer, hauled about 300 feet in a dump wagon and dumped upon a mixing board from which it was shoveled into place and leveled with steel hand rakes. It was then tamped by hand, after which it was rolled with a hand roller until the surface was fairly smooth. The work was done in the late fall and the concrete, as soon as it was laid, was covered with leaves to protect it from freezing. The leaves were not sprinkled and were removed after a period of 15 days. Traffic was then permitted over the road.

It had been planned to apply several different bituminous materials to a corresponding number of short sections of the road surface, but approaching winter and inability to secure the materials prevented the carrying out of all of these experiments except one. This experiment consisted of applying an oil-asphalt to a section of the road surface 30 feet in length. The oil-asphalt, having a penetration of 16.8 millimeters at 25 degrees centigrade, was heated to about 300 degrees Fahrenheit, applied at the rate of 1 gallon per square yard and covered with stone chips. The surface of the concrete was damp and cold and the oil-asphalt did not adhere to it and by the following spring the greater part of it had worn away.

During the summer of 1910 different sections of the concrete surface were treated with a refined semi-asphaltic oil, an oil asphalt, a refined coal tar, and a refined water-gas tar. The results of these experiments were not very satisfactory as the bituminous coats were soon worn through along the center of the road and at the end of the year there was not much evidence to show that they had been applied except a thin dead mat along each side of the pavement. Since that time the entire concrete surface has been annually treated with a bituminous material.

At the present time the concrete road does not present as good an appearance as is now obtained by modern approved methods of construction, but it has nevertheless proved serviceable and does not show excessive wear. Soon after the limestone concrete section was laid a longitudinal crack appeared about 3 feet from the south edge, which led to the development of a long shallow rut. This was due to a poor foundation along this side of the road. The cinder concrete section has a smoother and generally more attractive surface than the other, but appears to have worn down about $\frac{1}{2}$ inch more than the limestone concrete section. No transverse cracks

have been observed in either section.

During 1909 the Office of Public Roads conducted a series of laboratory experiments to determine the effect of mixing with ordinary concrete a residual petroleum at the rate of from 3 to 5 quarts per bag of cement. It was found that the strength of the concrete was not materially impaired, that it absorbed much less water and that the early shrinkage due to setting was much reduced. Therefore it seemed probable that this oil-cement concrete might be better suited as a surfacing material for roads than plain concrete and the experiments conducted during 1910 and 1911 were for the purpose of giving this material a practical test.

In co-operation with the District of Columbia, seven sections of concrete pavement, having a total length of 356 feet, were laid on Meridian Place. Six of these sections were of oil-cement and one of plain concrete. A description of these experiments will not be given, as in less than a year after the pavement had been laid, sixteen openings, each more than a square yard in area and distributed throughout the length of the pavement, were made for the purpose of repairing a sewer. No attempt was made to restore the pavement to its original condition and therefore no proper conclusion could be drawn as to the relative values of the different sections or of the value of the pavement as a whole.

In co-operation with the Borough of Richmond, New York City, four sections of oil-cement concrete, having a total length of 444 feet, were laid at Port Richmond on that part of Innis street lying between Morning Star road and John street. The sections differ from each other in that a different brand of cement was used in each, and in that each contained a different oil content. A residual petroleum oil and a cut-back petroleum residue were each used in two sections in an amount equal to 10 and 15 per cent by weight of the cement. The concrete of each section consisted of 1 barrel of cement, 8 cubic feet of sand, 16 cubic feet of crushed stone ranging in size from $\frac{1}{4}$ to $1\frac{1}{2}$ inches, and 40 to 60 pounds of oil. It was mixed in a stationary batch-mixer, wheeled to its place in the road and spread in a uniform depth of 4 inches, after which it was tamped until mortar flushed to the surface. The work of laying the concrete was carried on over the full width of the street and no header was set against which the day's work would be finished. Neither were transverse or longitudinal expansion joints constructed. On account of omitting the header a sloping point was formed and as a result the pavement has worn excessively at these joints. Quite a number of longitudinal and transverse cracks have appeared and a section about 50 feet in length, near the center of the experiments, has cracked so that the cracks form a very good outline of a huge spider-web. In one section the concrete seems to be of very poor quality and a number of

shallow holes have developed. Taken as a whole these sections are in poor condition.

In co-operation with Bergen County, N. J., in June, 1910, the wooden floors on two small bridges were removed and replaced with oil-cement concrete. One bridge is 25 and the other 37 feet in length. The concrete was laid 6½ inches thick at the center and 4½ inches at the sides on iron sheathing and reinforced with chicken fence wire. The concrete was composed of 1 part cement, 2 parts of sand and 4 parts of crushed trap rock ranging in size from ¼ to ¾ inch, and oil to the amount of 15 per cent by weight of the cement. It was mixed by hand, shoveled into place and well tamped. When inspected in January, 1914, these floors showed little evidence of wear, and no signs of cracks. All the wear that was noticeable was that where the floors join the macadam roadway the edges are slightly rounded.

In 1911, in co-operation with the Borough of Queens, New York City, a section of oil-cement concrete, 17½ feet in length and 21 feet in width, was laid on Hillside avenue. This avenue is the principal thoroughfare from New York City proper to Long Island, and a traffic census taken showed that an average of 1,836 vehicles pass over it each day.

The concrete was composed of 1 part of cement, 2 parts of sand, and 4 parts of trap rock ranging in size from ¼ to ¾ inch and oil to the amount of 10 per cent, by weight, of the cement. It was mixed in a stationary betchmiller and wheeled to its place on the road in wheelbarrows, spread with rakes to a uniform thickness of 4 inches, and tamped until it was well compacted. To correct the slight irregularities in the surface a mortar mixed in the proportions of 2 bags of cement, 2½ cubic feet of sand, 7½ cubic feet of trap rock screenings, and 8 quarts of oil was spread over the entire surface to a depth of about ½ inch and brought to a smooth surface by floating with a wooden float. On a section about 10 feet in length, the irregularities in the surface due to tamping were corrected by casting over the surface a dry grout composed of 1 part cement and 2 parts of trap rock screenings. When traffic was admitted to the road these chips were soon thrown aside and were of little if any benefit. Only one expansion joint was constructed and that near the center of the section. It consisted of two courses of wood block 3 inches wide and 4 inches in depth laid on a sand cushion. The joints between the block and the concrete were filled with a native fluxed asphalt having a penetration of 13.0 millimeters. This expansion joint is now in as perfect condition as when it was first constructed. The edges of the concrete seem to have been perfectly protected.

In May, 1912, this pavement was inspected and it was found there were several small areas which showed considerable wear and the entire surface was treated with bituminous materials. A refined coal tar, an oil asphalt and a tar asphalt preparation were respectively applied to different sections of the surface and covered with sand or stone chips. By June, 1913, there were several small areas in the coal tar section from which the tar was missing, practically all of the tar-asphalt preparation was gone and about

50 per cent of the area of the oil-asphalt section was bare. The entire surface of the section was then cleaned off and a refined coal tar applied to one-half and a refined water-gas tar to the other half at the rate of ½ gallon per square yard, and covered with plenty of rather coarse sand. In January, 1914, the entire section was in very good condition.

Beginning with 1911, Congress has annually appropriated money whereby the office has been able to pay part or all of the cost of constructing sections of road for the purpose of determining the relative values of the various road building materials and the various road surfaces. Since this time the office has undertaken and carried out more extensive experiments than had before been possible and has also been able to dictate the nature of the experiments.

Accordingly in 1912, in co-operation with Montgomery County, Maryland, a series of experiments were carried out to determine the relative value of bituminous concrete, cement concrete and brick road surfaces when laid according to the best modern practice. These experimental sections, having a total length of 6,195 feet, were laid in Kensington road, beginning at Bradley lane and extending to Chevy Chase lake. The road has a double track street car line down the center of it and the section paved is a strip, 20½ feet in width, on the west side of the street car line.

All of the work was done by a contracting company, which had had extensive experience in paving work, according to plans and specifications prepared by the Office of Public Roads. And while the work was well and faithfully done, no extraordinary effort was made to secure a "sandpapered" job, and the work is representative of what should be expected from a good contractor.

The concrete section, 3,950 feet in length, was built not only to determine the relative value of concrete as a material for surfacing roads, but to determine the relative value of plain concrete and oil-cement concrete, the relative values of gravel, crushed limestone and crushed trap rock for coarse aggregate, whether or not expansion joints were necessary, and, if so, the proper spacing for them, and to determine the relative values of various bituminous materials when used for a carpet or paint coat on the concrete surface. Therefore sections of plain and oil-cement concrete were built, on which the various bituminous materials were applied, and in which the above mentioned coarse aggregates were used, and the entire section was built without any joints excepting such construction joints as were necessary at the end of each day's work.

In the plain concrete the materials were mixed in the proportion of 1 part of cement, 1½ parts of sand and 3 parts of coarse aggregate and sufficient water to form a concrete of a "mushy" consistency. In the oil-cement concrete the same materials were mixed in the same proportions as in the plain concrete, and in addition a residual petroleum oil was added at the rate of 5 pints of oil per bag of cement. The coarse aggregates ranged in size from that passing a 1½ inch screen to that retained on a ½-inch screen; the sand was good concrete sand obtained from the Potomac River;

and the cement was a standard brand which met the requirements of the "U. S. Government Specifications for Portland Cement." All of the concrete was mixed in a street paving mixer, equipped with a rotary distributing device, which deposited the concrete practically in place upon the subgrade. After the concrete had been deposited to a depth of slightly more than 6 inches, it was carefully "struck off" with a "strike-board." The surface was then floated with a wooden float.

To determine the changes in length of any section of the concrete road due to changes of temperature, brass plugs were embedded in the concrete, just before the final floating, in two rows 5 feet from the edges of the pavement; one row with a 10-foot spacing and the other with a 50-foot spacing.

When the concrete had partially set it was covered with a paraffined canvas, which remained in place until the concrete was hard enough for the surface not to be damaged by men walking upon it. The canvas was then removed and the concrete covered with a 2-inch layer of sand or earth, which was kept wet for a period of 10 days. The construction joints were made by setting a header perpendicular to the subgrade and at an angle of 80 degrees with the center line of the road.

When the sprinkling was discontinued and the concrete began to dry out, transverse cracks began to appear. The cracks did not appear at regular intervals, and their location was undoubtedly somewhat controlled by joints in a concrete gutter, which had previously been built along the road and against which the pavement was laid, as a majority of the cracks in the pavement appeared opposite joints in this gutter. By the time the concrete had thoroughly dried out, the cracks were an average distance of 75 feet apart. A few more cracks appeared during the following winter, since which time none has developed. At the present time the average length of the monolithic sections is 43 feet where gravel was used as a coarse aggregate, and 121 feet where crushed stone was used as a coarse aggregate. The shortest monolith is in a gravel section and is 15 feet in length, while the longest monolith is in the crushed stone section and is 220 feet in length.

Measurements have been taken from time to time between the brass plugs, heretofore referred to, with a 10-foot strain gauge so designed as to measure accurately to 1-1000 of an inch, and it has been found that the concrete changes in length with a change of temperature in an amount quite near what would be obtained by applying the factor for the coefficient of expansion of concrete, and making a reasonable allowance for friction on the subgrade, thereby showing that concrete contracts more at the time of setting than it expands due to subsequent rises in temperature.

Of course the width of the cracks changes as changes in temperature occur, but ordinarily they appear to be from 1-16 to ¼ inch in width. The largest cracks occur between the ends of the longest monolithic sections—those occurring at the ends of the 220-foot monolith have an average width of about ¼ inch. If these cracks were to become filled with relatively incompressible material, it is evident that compressive stresses would be developed in the concrete and would have to

be taken up by the elasticity of the material. The maximum and minimum temperatures of the pavement so far observed were respectively 115 degrees and 25 degrees Fahrenheit, and the pavement shows no signs of having, in the last, been damaged by this variation of temperature.

The edges of the cracks have been broken off to some extent by traffic, though not to such an amount as to be of much damage to the pavement. Those in the sections in which gravel was used as a coarse aggregate have broken off to a much greater extent than those in the crushed rock sections, and all have broken off more than the edges of the construction joints in the same sections.

Last May, a refined coal-tar, a refined water-gas tar preparation, a fluxed native asphalt and an oil asphalt were respectively applied to different sections of the plain and oil-cement concrete which had been laid the previous November. The surface of the concrete was thoroughly cleaned by sweeping and washing, and the bituminous materials were applied hot by means of a hand distributor at the rate of $\frac{1}{2}$ gallon per square yard, after which a layer of stone chips or $\frac{3}{8}$ -inch gravel was spread over the surface and rolled with a 5-ton roller.

In addition to the 8 sections above mentioned, bituminous materials were applied to 2 other sections of the concrete surface. The sections were cleaned as above described and the surface of one was painted with an emulsified native asphalt at the rate of about 1-10 gallon per square yard, and the other with a light refined water-gas tar at the rate of about 1-5 gallon per square yard, after which a fluxed native asphalt was applied as above described at the rate of about $\frac{1}{2}$ gallon per square yard.

At the present time there is no apparent difference between the corresponding sections applied to the surfaces of the plain concrete and the oil-cement concrete. There is, however, a difference between the sections coated with the different bituminous materials. The sections to which the refined water-gas tar preparation was applied are in a very good condition, as there are relatively few bare areas, the bituminous material is flexible and adhesion between it and the concrete surface is good. The refined coal-tar sections are in fair condition, but there are numerous small bare areas, and while adhesion between the tar mat and the concrete surface is good, the tar appears to be rather "dead." The sections treated with the fluxed native asphalt and the oil-asphalt are in good condition on the east two-thirds of the road, but on the west third there are a number of rather large bare areas. The asphalts are flexible, but do not appear to adhere well to the concrete surface. The section to which a paint coat of light refined water-gas tar was applied is in good condition — the bituminous materials are flexible, adhesion with the concrete surface is good and few bare areas occur. The section to which a paint coat of emulsified asphalt was applied is in fair condition on the east half of the road, while on the west half about 40 percent of the concrete surface is bare. Adhesion between the asphalt mat and the paint coat appears to be poor.

A section, 50 feet in length, was treated with a crude water-gas tar at the rate of about 1-10 gallon per square yard. This penetrated the concrete to such an extent that the surface at the present time has a dark brown color. There was not sufficient material to form a mat, and it does not appear that this treatment is of any value in protecting the concrete surface from wear. However, it appears to be an efficient method of coloring a concrete road to obviate the more or less objectionable glare due to the sun shining on a white concrete pavement.

From the experiments conducted by the Office of Public Roads the following conclusions appear to be justified: The surface of the road should be smooth and uniform, and to obtain this in a most practical manner rather wet concrete should be used. The coarse aggregate should be relatively small, preferably one in which all of the particles will pass a $\frac{1}{4}$ -inch screen. The concrete should be rich in cement in order that the mortar may be sufficiently strong and tough to resist, to a considerable degree, the wear of traffic and to hold the particles of the coarse aggregate in place. Transverse contraction joints should be constructed, but expansion joints seem unnecessary. Particular attention should be given to the curing of the concrete by covering it and keeping it wet to insure that the mortar will have the essential qualifications of strength, hardness, and toughness, and in order that sufficient tensile strength may be developed before initial shrinkage occurs to prevent cracks from being formed between joints. These conclusions are only qualitative. It is hoped, however, that these experiments may eventually furnish suffi-

cient data to warrant, at least, a few definite quantitative conclusions.

Discussion.

Mr. McIntyre: I would like to ask Mr. Voshell if he noticed the same condition which I did upon the sections covered with the bituminous covering? I noticed that the traffic, the heavy loaded teams, came along in one direction, that is, from the south of the station, which was down at the bottom of the hill at the end of the road. The bituminous mat came off in places where that heavy traffic was, but on the other side of the road, which took light driving, the bituminous mat stayed in position.

Mr. Voshell: Yes, sir, that is correct.

Mr. Spackman: I would like to ask Mr. Voshell whether there is any difference between heavy hauling on a plain concrete surface and a surface covered with a bituminous carpet?

Mr. Voshell: The section covered with the bituminous carpet is on about a 2 per cent grade, and the greater part of the balance of the concrete is on a 3 per cent grade. We made inquiry of some of the teamsters using the road and they expressed themselves as seeing no particular difference, except that in very cold weather they found the sections having a bituminous carpet slightly more slippery than the plain concrete sections.

Mr. Gerber: I would like to ask how the oil was applied to the concrete, whether in an emulsion or after the water was applied?

Mr. Voshell: In the oil-cement concrete the oil was poured into the mixing drum after the charge was thoroughly wet. Care was exercised to prevent any oil coming in contact with dry aggregate.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base. Class C construction. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Mission street between 6th and 7th streets, and has been designed for a store on the first floor. Upper two floors will be arranged for a number of two and three room suites with wall beds and private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be taken shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$18,000. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, F. C. Tucker. The building will be erected at the corner of Bush and Gough streets and will have wall beds and private bath rooms. Interior will be finished in pine and hardwood veneer with some oak floors. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile with composition

floors. Exterior of the building will be covered with shingles. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Filbert street near Leavenworth, and has been designed for two suites of three rooms on the first and second floors and a large eight-room residence to be occupied by the owner on the third floor. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. The building will be heated by gas steam grates. All suites will have wall beds. Bath rooms will be finished in tile and composition floors. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$60,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Dr. Clark Burnham. The building will be erected at the northwest corner of Larkin and Chestnut streets and will cover a large ground area. Interior will be arranged for a number of two and three room suites with wall beds and private bath rooms. Interior will be finished in pine and redwood. Some oak floors will

be used. There will be steam heat and automatic elevator. All bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house mechanical equipment. Architect, Thomas O'Connor. San Rafael. Owners, City of San Rafael. All bids received for furnishing and installing mechanical equipment and plumbing in the new Municipal Bath House have been rejected. On the advice of Architect O'Connor the city will undertake the work by Day Labor. Materials will be purchased at once.

BRIDGES, DAMS AND HARBOR WORK.

MARE ISLAND NAVY YARD, CAL.—Quay wall, concrete construction, \$40,000. Engineer, Dept. of Public Works, Mare Island. Owners, United States Government. The Public Works Department has announced the completion of plans and specifications for the new quay wall. These plans have been sent to the Navy Department at Washington for approval. An estimated cost of \$40,000 is placed on the work. Construction will be of concrete. Part of the work will be done by private contract and part by the Navy Yard force. Work will be started about September 1st.

CHICO, BUTTE CO., CAL.—Bridge, concrete construction. Cost not stated. Engineer, County Surveyor M. C. Polk, Oroville. Owners, Butte County. County Surveyor M. C. Polk is preparing plans for a new forty-foot span to be erected over the Big Chico at Bidwell Park. Construction will be of concrete. Bids will be advertised for as soon as plans can be completed.

WALNUT GROVE, SACRAMENTO CO., CAL.—Bridge, steel construction. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Plans have been completed and have received the approval of the Board of Supervisors for the construction of a highway bridge over the Sacramento River at Walnut Grove. Plans and specifications can be secured from the County Surveyor at Sacramento. Bids will be opened on August 20th.

HILLSBOROUGH, SAN MATEO CO., CAL.—Bridge, retaining wall and drainage. Cost not stated. Engineer, City Engineer, 262 Hearst Bldg., S. F. Owners, City of Hillsborough. Bids will be opened on August 18th for constructing a concrete bridge, retaining wall and necessary drainage on the County Road near Hillsborough. Plans and specifications can be secured from the City Engineer, Hearst Bldg., S. F., or from the City Clerk, 440 Hottel Bldg., S. F.

Contracts Awarded.

WALNUT CREEK, SANTA CLARA CO., CAL.—Bridge, steel and concrete, \$3,922.50. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, G. H. Field, San Jose. Contract price, \$3,922.50.

PORTLAND, ORE.—Docks, 2, steel and concrete, \$140,000. Engineers, Elliott & Scoggins, McKay Bldg., Portland. Owners, E. Lombard Co. Con-

tractors, The Elliott Contracting Co., Portland. Contract price, \$140,000.

CHURCHES.

UKIAH, MENDOCINO CO., CAL.—Church, 1 story and base, reinforced concrete, \$12,500. Architect, John J. Foley, 16 Kearny street, S. F. Owners, Roman Catholic Church of Ukiah. Original plans for this building provided for a frame building, but these have since been revised and the work will be carried out in concrete. The main auditorium will seat 350 people and will be finished in pine with ornamental plaster. There will be a central heating system. Art glass windows will be used. Exterior has been designed in the Mission style and will be faced with cement plaster. Plans are being completed.

STOCKTON, SAN JOAQUIN CO., CAL.—Church, 2 story and base, brick and concrete, \$25,000. Architect, John J. Foley, 16 Kearny street, S. F. Owners, St. Gertrude's Parish. The building has been designed in the Mission style and will contain besides the main auditorium, Sunday school rooms and social rooms. Interior will be finished in pine and redwood with ornamental plaster in the auditorium. Plans provide for steam heat and modern plumbing. Art glass windows will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BONDS.

REDDING, SHASTA CO., CAL.—The Supervisors have canvassed the election returns of July 14th for the Anderson-Cottonwood Irrigation District. The vote was 482 to 17. When the amount is determined a bond election will be called. As nearly as can be estimated on the preliminary survey made before the election was called, the system will cost about \$350,000.

WILLOWS, GLENN CO., CAL.—Jacin to School District, between Willows and Bayliss, will vote August 22nd on the proposed issuing of \$5,000 in bonds to erect a new school building.

UPLANDS, SAN BERNARDINO CO., CAL.—Wednesday, August 12th, is the date set for the voting of bonds to the amount of \$35,000 by the voters of Cucamonga to be used in the purchase of a site and the construction of a school building.

NAPA, NAPA CO., CAL.—A bid for the first street bonds, amounting to \$25,000, has been received by the City Council from the State Industrial Accident Company. The bonds were voted last December.

SAN FERNANDO, LOS ANGELES CO., CAL.—The taxpayers here have voted to instruct the Trustees to call a bond election for a new school building. The issue will be for bonds amounting to \$150,000.

UPLANDS, SAN BERNARDINO CO., CAL.—On Monday, August 30th, a mass meeting will be held in this city to discuss a proposed bond issue of \$40,000. Funds to be used in the purchase of fire equipment, construction of a new city hall and the purchase of a steam roller.

RED BLUFF, TEHAMA CO., CAL.—The Supervisors have accepted the resolution, as drawn up by District Attorney Fish, to call a bond election. The resolution calls for \$170,000 to

construct the bridges along the State Highway and a few others in the county that were thought necessary by the board. The proposition will be put up to the people in ten separate propositions, as follows: For the sand slough east of this city and two small sloughs, \$128,500; Mill race on Cone ranch, \$2,000; Toomes creek, near Vina, \$8,000; small bridges from Corning to the Glenn county line, \$8,000; Burrows creek, near Newville, \$4,000; Cold creek and south fork of Cottonwood creek, \$4,000; Salt creek, on Harrison gulch road, \$2,500; Oat creek, near Proberta, \$200, and on Dibble and Blue Tent creeks, \$13,000.

VISALIA, TULARE CO., CAL.—The special committee of the Board of Trade appointed to confer with the City Trustees in regard to improving the sewer system, has adopted a resolution asking the Trustees to call a special election for the purpose of voting bonds in the sum of \$89,000 for sewer improvement. The money is to be expended as follows: \$25,000 for the construction of laterals, \$12,000 for a septic tank, \$32,000 for a sewer farm, and \$20,000 for the extension of the main sewer to the sewer farm.

MONROVIA, LOS ANGELES CO., CAL.—The special committee appointed by the City Council has recommended that a special election be called for the purpose of voting bonds in the sum of \$55,000 for the improvement of the city streets. A portion of the work is to be paid for by the property owners and if the bonds carry the city will be able to commence improvements on the streets to cost \$85,000. It is recommended that White Oak avenue be paved from city limits to city limits, the cost being estimated at \$60,000.

TEMECULA UNION SCHOOL DISTRICT, RIVERSIDE CO., CAL.—The Temecula Union School District, formed in February by the joining of the Pujol and Santa Gertrudes Districts, is advertising a school election for August 27th, at which time the people will be asked to vote \$10,000 in bonds for the purchase of school grounds and the erection of a school building.

SACRAMENTO, CAL.—Notice has been received by the City Commission from the State Board of Control, that the State is now ready to purchase \$50,000 worth of levee improvement bonds.

The State was asked to buy part of the \$150,000 improvement bonds which the city had difficulty in disposing of, and the Attorney General was asked whether or not such action was legal. A favorable opinion was rendered and the State is taking over the bonds as a result. The bonds will be turned over to the State immediately and the \$50,000 will be used in the levee raising project now being conducted by Sacramento.

OAKDALE IRRIGATION DISTRICT, STANISLAUS CO., CAL.—The State Bond Commission and State Engineer have recommended that the Oakdale Irrigation District's bonds be accepted as securities for State banking institutions. The report states that the irrigation works are comprehensive in design, complete in essential features and in operation, and the unfinished portions are being constructed. The quantity of water available is an average of 2.16 acre feet a year for 57,000 acres, the duty of which can be

increased by improvements in the canals and by scientific application and economical use. The report says the ditches as constructed are ample to carry the water required for irrigation.

WARRENTON, ORE.—The bond issue of \$150,000, carried at a special election held recently for the purpose of extending the water system by the construction of a gravity water system from Lewis and Clark Rivers by way of Fort Stevens and New Astoria (Hammond.) The bonds will be dated 20 years and will bear 6 per cent interest.

ALBANY, ORE.—By a vote of 190 to 81 this city approved a bond issue of \$50,000 to erect a new school building. It will replace the present Central School, the site of which has been purchased by the city for a City Hall. It will be of brick construction.

HOOD RIVER, ORE.—Hood River County has voted \$75,000 in bonds, the proceeds to be used for the completion of the Columbia River highway in this county.

LEWISTON, MONTANA—An election will be held here in November for the purpose of bonding in the sum of \$40,000 for construction of a dormitory building and \$40,000 for addition to the present high school building.

POCATELLO, IDAHO—Council here has called a special election for August 25th to vote on the question of issuing bonds of \$400,000 for acquiring local water works system, owned by Pocatello Water Company, or for the construction of a new plant. The city will also vote on the same day \$10,000 to provide funds for the purchase of Jail cells and improving of the present jail building; also for the voting of \$20,000 to pay cost of improving streets.

CALIFORNIA—At the November election the people of California will vote upon the question of issuing bonds in the sum of sixteen million dollars. The buildings and improvements are needed, but it is up to the people to say whether or not the money will be provided. The following is a statement of what the various sums are to be used for:

Three Million for Buildings at Sacramento.

Not to exceed three million dollars for new State buildings to be erected at Sacramento on land to be given to the State by the city of Sacramento. The bonds to run for fifty years and bear interest at the rate of 4 per cent.

One Million for State Building at San Francisco.

Not to exceed one million dollars for the erection of a State building in the city of San Francisco. The bonds to bear interest at the rate of 4 per cent and to run for fifty years.

\$750,000 for Fair Ground Improvements at Sacramento.

Seven hundred and fifty thousand dollars for purchase of more land, improving the same and erection of additional buildings for the State Fair grounds at Sacramento.

\$10,000,000 for Harbor Improvements at San Francisco.

Not to exceed ten million dollars for improving the Harbor at San Francisco. The interests and principal to be paid from the harbor fees. The State simply guarantees the payment.

\$1,250,000 for State Building at Los Angeles.

One million two hundred and fifty thousand dollars for a State building

at Los Angeles.

\$1,500,000 for University Buildings.

One million eight hundred thousand dollars for the erection of buildings for the State University at Berkeley.

WATSONVILLE, SANTA CRUZ CO., CAL.—The Board of Aldermen at its regular meeting held here on August 11th decided to call a special bond election for the purchase of fire fighting equipment and the construction of a bridge over the Pajaro River.

The new bridge will be of concrete construction, with seven 60-foot arches supported by five piers in the river channel. It will be 120 feet in length and will cost in the neighborhood of \$38,000. No date has been set for the election.

ORLAND, GLENN CO., CAL.—Mayor T. J. Hicks of this city has returned from Sacramento, where he went regarding the sewer bonds which were recently voted in Orland. The amount was \$15,000 and when the Trustees met last week to sell the bonds there were no bidders. Mayor Hicks then went to Sacramento and consulted the State Board of Control and there sold the bonds to the State. Bids for the construction of the extension work will be called for immediately.

RICHMOND, CONTRA COSTA CO., CAL.—That it will be necessary to call the special bond election for the issuance of \$100,000 more bonds for the improvement of the harbor is the belief of the City Council and the City Attorney, D. J. Hall.

Some time ago the Industrial Commission urged that a bond election be called for the purpose, alleging that Congress would not appropriate the \$100,000 allowed in the rivers and harbors bill unless a like sum was put up by the city of Richmond. The City Attorney has stated that a provision has been made in the original harbor estimate of \$770,000, for buying tidelands in case it was found that the private corporations controlled the water front property and not the State. Recent decision has lead him to believe that the city will win its fight for the tidelands. If this occurs the city will have \$150,000 to put towards the dredging, or \$50,000 more than is needed. No date will be set for the election until the tideland matter is settled.

KENTFIELD SCHOOL DISTRICT, MARIN CO., CAL.—Treasurer T. J. Fallon of Marin County will receive bids for the sale of \$17,000 in bonds until Friday, August 14th, at 2 o'clock p. m. Bonds are in the denomination of \$500 and \$1,000, interest payable annually at 5 per cent.

FACTORIES & WAREHOUSES.

OAKLAND, CAL.—Warehouse, 3 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Bekin Van and Storage Co., 190 Otis street, S. F. The building will be erected at the corner of 22nd and Grove streets and will cover a considerable ground area. Construction will be fireproof throughout with concrete walls, floors and roof slabs. Interior partitions will be of concrete and hollow tile. Separate compartments will be provided for storage. Plans provide for elevator service. Exterior of the building will be faced with cement plaster. Bids will be probably taken by the owners.

VERNON, LOS ANGELES CO., CAL.—Factory group, 9, 1 story, steel and

corrugated iron. Cost not stated. Architect, George W. Harding, Washington Bldg., L. A. Owners, Pinney-Boyle Mfg. Co., 1325 Palmetto street, L. A. These nine buildings will cover an area of 300 feet square. A one-story office building will also be erected. Each building will have a light steel frame with the exterior covered with corrugated iron. Cement floors will be used. Special machinery will be installed, but will not be included in this contract. Plans are nearly complete and figures are now being taken for the structural steel.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Jail plumbing, Cost not stated. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at last Wednesday's session of the Board of Public Works for completing the plumbing in the City and County Jail. The lowest figure was submitted by Wiltman-Lyman Co. at \$9,465. They will probably be awarded the work.

MARYSVILLE, YUBA CO., CAL.—Jail alterations and cells, \$15,000. Architect, none. Owners, City of Marysville. The city authorities have decided to improve the present City Jail by altering the interior and installing steel wire mesh and adding several steel cells. Bids will probably be called for on the work.

RED BLUFF, TEHAMA CO., CAL.—Jail cells, steel, \$20,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Tehama County. All bids have been rejected for furnishing and installing 36 steel cells. The lowest figure was received from the Ralston Iron Works of San Francisco for \$20,000. This is the third time that bids have been rejected on this work. New figures will be called for shortly. Four firms submitted figures.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. The building will be erected on the east side of 16th avenue north of Balboa, and has been designed to contain two modern flats. The building will cover an area of 25 by 65 feet. Interior will be finished in pine with some redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,250. Architect, T. Patterson Ross, 310 California street, S. F. Owner, Mrs. Kate de Barillas. The building will be erected at the southeast corner of Hyde and Lombard streets, covering an area of 25 by 61 feet. Basement will be occupied by a private garage. Upper floors will contain three modern flats of five and six rooms. Interiors will be finished in pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Ex-

terior of the building will be covered with shingles and cement plaster on metal lath. Plans are complete and figures have been taken under advisement.

OAKLAND, CAL.—Flats—2 story and base, frame, \$6,500. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, J. Somps. The building will be erected on Lake Shore avenue near 14th, and has been designed for an apartment flat building. Interior will contain a number of three and four room flats. Pine and hardwood veneer will be used for interior finish. Oak floors will be specified. There will be open fire places and tile mantels. Each flat will have a private bath finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans have been revised and new figures will be taken at once.

GOVERNMENT WORK AND SUPPLIES.

Transmission Line Material.

The following bids were opened under advertisement No. 310 at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing transmission line material for the Okanogan project:

Bid 1. The Brookfield Glass Co., New York City.

2. Western Electric Co., Los Angeles, Cal.

3. Pittsburgh High Voltage Insulation Co., Derry, Pa.

4. Central Electric Co., Chicago, Ill.

5. Electric Appliance Co., San Francisco, Cal.

6. Pacific States Electric Co., San Francisco, Cal.

7. B. F. Kierluff, Jr., & Co., Los Angeles, Cal.

Item 1. 600 D. P. glass insulators—Bid 1, \$16.50, New York, 10 days; 2, \$25.02, Los Angeles, 50 days; 4, \$15, Muncie, Ind., 1 day; 5, \$21.78, San Francisco, 1 day; 6, \$23.43, San Francisco, 1 day; 7, \$19.50, Long Beach, Cal., 3 days.

Item 2. 400 pins for insulators—Bid 4, \$28.50, Chicago, 1 day; 5, \$37.16, Victor, N. Y., 15 days; 6, \$48.65, San Francisco, Cal., 60 days; 7, \$74, Los Angeles, 15 days.

Item 3. 450 pony glass telephone insulators—Bid 1, \$6.75, New York, 10 days; 2, \$9.97, Los Angeles, 50 days; 4, \$6, Muncie, 1 day; 5, \$8.68, San Francisco, 1 day; 6, \$9.31, San Francisco, 1 day; 7, \$7.10, Long Beach, 5 days.

Item 4. 350 wood brackets—Bid 2, \$8.60, Los Angeles, 50 days; 4, \$5.25, Chicago, 1 day; 5, \$7, San Francisco, 1 day; 6, \$14, San Francisco, 60 days; 7, \$5.85, Chicago, 10 days.

Item 5. 110 galvanized iron ridge irons, with pine—Bid 4, \$30, Chicago, 1 day; 5, \$34.57, Victor, N. Y., 15 days; 6, \$25.88, San Francisco, 60 days; 7, \$32.50, Chicago, 10 days.

Item 6. 48 goose egg strain insulators—Bid 2, \$4.52, Los Angeles, 1 day; 3, \$2.16, Derry, 30 days; 4, \$3, Chicago, 1 day; 5, \$4.32, San Francisco, 1 day; 6, \$4.32, San Francisco, 1 day; 7, \$3.60, Los Angeles, 3 days.

Item 7. 24 porcelain strain insulators—Bid 2, \$9.60, Los Angeles, 1 day; 3, \$7.92, Derry, 30 days; 4, \$30, Chicago, 1 day; 5, \$1.80, San Francisco, 1 day; 6, \$48, San Francisco, 60 days; 7, \$9.60, Los Angeles, 3 days.

Item 8. 48 galvanized anchor rods—Bid 2, \$40.32, Los Angeles, 1 day; 4, \$22.56, Chicago, 1 day; 5, \$34.79, San

Francisco, 1 day; 6, \$27.56, San Francisco, 1 day; 7, \$21.50, Chicago, 1 day.

Item 9. 326 galvanized cross-arm braces—Bid 2, \$35.37, Los Angeles, 1 day; 4, \$24, Chicago, 1 day; 5, \$35.37, San Francisco, 1 day; 6, \$27.85, San Francisco, 1 day; 7, \$22.10, Chicago, 1 day.

Item 10. Bolts, screws and washers—Bid 1, \$10.66, Los Angeles, 24 days; 4, \$27.50, Chicago, 1 day; 5, \$11.29, San Francisco, 5 days; 6, \$32.19, San Francisco, 1 day; 7, \$26.70, Chicago, 10 days.

Greeley, Colo., Post Office.

The contract for the construction of the U. S. post office at Greeley, Colo., using limestone for all exterior stonework, except where granite is required, has been awarded to J. H. Wiese, Omaha, Neb., at \$96,266; plus alternate 1, substituting marble for all case stone plaster in connection with entrance, lobbies, and vestibules, \$1,250; plus alternate 3, for painting all plaster walls of finished rooms throughout the building and finishing ceilings in distemper, \$1,900; total, \$99,316; time, 15 months.

Vancouver Barracks, Screen.

The bid of the Central Mfg. Co., of Vancouver Barracks, Wash., \$205.55 in amount, has been accepted for screening six new company mess rooms at Vancouver Barracks, Wash.

Fort Huachuca, Screens.

The Willer Mfg. Co., of Milwaukee, Wis., presented the successful bid at \$2,095 for screening buildings at Fort Huachuca, Ariz., using galvanized enamel wire.

Vancouver Barracks, Roof.

The contract for repairing the reservoir roof at Vancouver Barracks, Wash., has been awarded to Buwman Bros. at \$1,875 on government plans.

Fort Huachuca, Road Work.

R. C. Sparks and J. H. Fritz of Tucson, Ariz., presented the successful bid at \$9,779.71 for road work at Fort Huachuca, Ariz.

Fort Stevens, Ore., Road.

The contract for constructing roads and walks at Fort Stevens, Ore., has been awarded to Olaf Boren at \$8,200.

Vancouver Barracks, Hospital.

D. F. Dougherty, of Vancouver, Wash., will make certain repairs to the hospital at Vancouver Barracks, Wash., for the sum of \$1,180.

Slip Point Light Station, Wash., Lantern.

The following bids were received by the light house inspector, 17th district, Portland, Ore., for one fourth-order, circular, helical bar lantern, complete with glass and curtains, for Slip Point light station, Wash.: Ellitcott Machine Corporation, Baltimore, Md., \$2,234.36.

Champion Iron Works, Kenton, Ohio, \$2,000.

Richards Mfg. Co., Bloomsburg, Pa., \$1,350; accepted.

West Side Pattern Works, Portland, Ore., \$1,800.

Casper, Wyo., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for furnishing plaster models for the U. S. post office at Casper, Wyo.:

Lombard & Ludwig, Washington, D. C., \$221.

E. Jung, Washington, D. C., \$256.

E. C. Bairstow, Washington, D. C., \$260.

C. W. Buhler, Washington, D. C., \$304.

Puget Sound, Wash., Turbine Exciter.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing and installing one 40-kilowatt turbine-driven exciter in the central power plant at the navy yard, Puget Sound, Wash.:

Item 1, work, complete; 2, one 35-kilowatt exciter, delivered f. o. b. Puget Sound; 3, price for installing same.

The Terry Steam Turbine Co., New York City, Item 2, \$1,725.

The Kerr Turbine Co., Philadelphia, Pa., Item 1, \$1,562.

The General Electric Co., Schenectady, N. Y., Item 1, \$2,583.

Prospective Bidders.

Plans and specifications have been furnished the following firms by the Supervising Architect's office:

Medford, Ore., Construction, August 22. Arthur W. Kutsche, 317 Yeon Building, Portland, Ore.

E. F. Houghton & Co., 3d, American and Somerset streets, Philadelphia, Pa.

J. E. & A. L. Penneck, Land Title Building, Philadelphia, Pa.

F. T. Crowe & Co., Portland, Ore.

Palmberg & Mattson, Astoria, Ore.

Kieburz & Smith, 411 Railway Exchange Building, Seattle, Wash.

Dieter & Wenzel Construction Co., Wichita, Kan.

R. E. Campbell, Salt Lake City, Utah.

Frank Gallagher, care Builders' Exchange, Medford, Ore.

Stebinger Bros., Portland, Ore.

The Kling Co., 421 Union League Building, Los Angeles, Cal.

Eugene Schuler, Wahpeton, N. D.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

Spalding Construction Co., Rialto Building, San Francisco, Cal.

VELCH Bros. & Hannamann, 15th and Jefferson streets, Oakland, Cal.

J. L. Murphy, Box 24, Charleston, Wash.

Schalen-Blair Co., 287 Hawthorne avenue, Portland, Ore.

Sound Construction and Engineering Co., 1997 Lowman Building, Seattle, Wash.

Connors Bros., Co., 153 W. Kingsbridge road, Bronx, New York City.

—HALLS & SOCIETY BLDGS.—

SACRAMENTO CAL.—Lodge hall and stores, 4 story and base. Class A construction, \$70,000. Architect, Washington J. Miller, 45 Kearny street, S. F. Owners, Native Sons Hall Association. The building will be erected at the corner of 11th and J streets, and has been arranged for a number of stores on the first floor. Upper floors will be arranged for lodge rooms, a large ball room, banquet hall and social rooms. The balance of the upper floors will contain offices. Interior will be finished in pine and hardwood. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for within a month.

SIXSON, SISKIYOU CO. CAL.—Lodge halls, 2 or 3 story and base, reinforced concrete. Cost not stated. Architect,

J. W. Plachek, 1424 Spring street, Berkeley, owners, Sisson Eagles Hall Association. The building is still in the preliminary stage and the organization is raising funds for the construction. If the project is carried through there will be a number of stores on the first floor while the upper two floors will be arranged for lodge rooms and offices of the organization. Interior will be finished in pine and hardwood. There will be steam heat and a hot water supply. Exterior of the building will probably be faced with cement plaster. Further mention will be made of the work.

Contracts Awarded.

ASTORIA, ORE.—Association building, 2 story and base, reinforced concrete, \$19,024. Architects, MacNaughton & Raymond, Title and Trust Bldg., Portland. Owners, Young Men's Christian Association. Contractor, A. W. Kutsche, Yeon Bldg., Portland. Contract price, \$19,024.

SAN FRANCISCO—Lodge hall addition, 3 or 4 story. Class A construction, \$75,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. Plans have been practically completed for an addition to the Concordia Club at the southeast corner of Van Ness and Post street. The building will have a complete steel frame and stone exterior walls. Interior will be arranged for additional apartments, club rooms and social hall. Interior will be finished in hardwood and pine. There will be steam heat and vacuum cleaning. Plans will be out for figures about the 15th of August.

HOSPITALS

SAN FRANCISCO—Hospital, 4 and 6 story and base. Class A construction, \$600,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Regents of the University of California. The building will be erected at the Affiliated Colleges, and when complete will be one of the finest hospitals in the country. Construction will be fireproof throughout with a complete steel frame and walls of brick and concrete faced with pressed brick and terra cotta. Interior partitions will be of hollow tile. Floors and roof will be of concrete. The latest and most modern plumbing fixtures and hospital equipment will be installed throughout. The Regents have announced that working drawings will be completed shortly and that construction will be started within two or three months. Bids will be advertised for by the Regents, the official proposal appearing in the columns of this publication and of the Daily Pacific Builder.

SAN FRANCISCO—Hospital, 1 story and base, reinforced concrete. Cost not stated. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the new Protrero Emergency Hospital, which is to be erected at the corner of 20th and Kentucky streets. Interior will be finished in pine with considerable marble. There will be modern hospital equipment and plumbing. Steam heat and a hot water supply will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will

be opened by the Board of Public Works on August 12th.

DACOTE, ALAMEDA CO., CAL.—Dormitory, 2 story and base, brick and concrete. Cost not stated. Architect, Humphreys, Wells-Fargo Bldg., S. F. Owners, Masonic Home. Bids opened for this work show Thomas Day's Sons and R. P. Hurbut Co. the two low men. A contract has not been awarded but will be within a few days.

HANFORD, KINGS CO., CAL.—Hospital, 2 story and base, reinforced concrete, \$10,000. Architect, Ernest J. Kump, Fresno. Owners, St. Dominic Sisters. The building will be a fireproof structure of reinforced concrete, and will contain two wards besides a large number of private rooms. Interior will be finished in pine and hardwood with some tile wainscot. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile. Special hospital equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and bids will be called for shortly.

HOTELS.

OAKLAND, CAL.—Hotel, 2 story and base, reinforced concrete, \$15,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on Webster street and has been designed to contain four stores on the first floor and in the neighborhood of twenty rooms on the upper floor. Interior will be finished in pine and redwood. There will be several baths with tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Hotel, 7 story and base, steel and brick. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Charles C. Judson Co. The building will be erected at the southwest corner of Taylor and Post streets with a frontage of 45 feet 10 inches on Taylor and 70 feet on Post. There will be stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 175 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

Contracts Awarded.

CALEXICO, IMPERIAL CO., CAL.—Hotel, 3 story and base, brick, \$25,000. Architect, none. Owner, Mr. Stuart. Contractor, H. J. Edwards, Calexico. Contract price, \$25,000.

SEATTLE, WASH.—Hotel, 10 story and base. Class A construction. Cost not stated. Architect, J. L. McCauley, New York Bldg., Seattle. Owners, Rainier Heat and Power Co. Contractors, Ditlefsen & Geering, Leary Bldg., Seattle. Contract price not stated.

LIBRARIES.

SACRAMENTO, CAL.—Library alteration and elevator work. Cost not stated. Architect, State Architect George B. McDougall, Sacramento.

Owners, State of California. Bids for installing an elevator and remodeling the State Library will be opened in Sacramento on September 4th at 12 o'clock. Plans and specifications can be secured from the State Architect at Sacramento.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit building, 1 and 2 story, frame and plaster. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, State of Michigan. The building will be somewhat different from the other state buildings in so much as it is to be constructed from funds pledged by the various Michigan manufacturers, and will be used as a display building as well as a reception hall for Michigan visitors. Exterior will be covered with cement plaster. Plans are nearly complete and figures will shortly be called.

SAN FRANCISCO—Wind screens. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans and specifications have been completed for installing wind screens in the Horticulture Gardens at the Exposition Grounds. Bids will be opened on August 11th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Lighting fixtures. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Bids were opened on August 11th for installing lighting fixtures in the Exposition Auditorium in the Civic Center. A complete list of these bids will appear in the next issue of the Building and Industrial News.

SAN FRANCISCO—Association building, 2 story, frame and plaster, \$20,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. The building will be erected inside the Exposition Grounds and will be somewhat similar to the Press Building. Interior will be finished in pine throughout. There will be a hot water supply. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Exhibit building, 2 story, frame and plaster, \$35,000. Architect, A. W. Burgren, Holbrook Bldg., S. F. Owner, Denmark. Plans for the building are nearly complete and will shortly be out for figures. The building will cover an area of 84 by 135 feet. Interior will be finished in pine. Exterior of the building will be covered with cement plaster.

POST OFFICES.

SAN FRANCISCO—Subtreasury screens and shelves. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed and are now out for figures for installing wire screens, metal shelves, counters and partitions in the Subtreasury building. Bids will be opened on August 15th. Plans and specifications for this work can be secured from room 403 San Francisco Post Office or from the Supervising Ar-

chitect at Washington, D. C. An official proposal for the work appears under another heading in this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, M. and H. Nelson, 360 Prospect avenue, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on the east side of 16th avenue near Fallon street. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will be finished in tile. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base. Class A construction, \$150,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mary L. Phelan. This work has been mentioned here before when the architect was first commissioned to prepare plans. The working drawings have been completed and are now out for figures. The dwelling will be fireproof and will contain in the neighborhood of 25 rooms, a large number of bath rooms and servants' quarters. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. A central heating system will be installed. Exterior will be faced with cement plaster.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$1,000 each. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. These two houses will be erected on Urbano Drive and each has been designed to contain eight rooms, bath and sleeping porch. Interiors will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, J. C. Kirby, 2152A Market street, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on 25th avenue near Geary street. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Tile will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, J. C. Flueger, 782 7th avenue, S. F. Owner, Frank J. McHugh, 375 7th avenue, S. F. The dwelling will be erected on the east side of 17th avenue near Anza, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living

room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, W. H. Picard. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Hardy street near Claremont avenue. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Robert L. Holt, 2113 Center street, Oakland. Owner, Dr. David Hadden. The dwelling will be erected in Rock Ridge Park, and has been designed to contain ten rooms, three baths and sleeping porch. A garage will also be erected on the property. Interior will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat, a hot water supply and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will be finished in tile. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Harold Havens. The dwelling will be erected on North Grammont, and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. B. Spittler, 2154 Ashby avenue, Berkeley. The dwelling will be erected on Oxford street east of Indian Rock avenue, and will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. L. Eschbacher. The dwelling will be erected on Fairbanks avenue and has

been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Frank S. Forster, 1417 Arch street, Berkeley. Owner, Leandro Campanari. The dwelling will contain eight rooms, two baths and sleeping porch. Interior finish will be of pine, white enamel and elm. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

ROSS, MARIN CO., CAL.—Bungalow, 1 story, frame. Cost not stated. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Golden. The house has been designed as a bungalow apartment and will contain but three rooms. All rooms will be fitted with wall beds. There will be some oak floors and pine trim. An open fire place and brick mantel will be used. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are being prepared.

MILL VALLEY, MARIN CO., CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Waters. The dwelling will contain six rooms and sun porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, \$2,500. Architect, none. Owner, N. L. Bishop, 2616 D street, Sacramento. The dwelling will contain six rooms and bath and will be erected at 3412 T street. Interior will be finished in pine throughout. There will be an open fire place and tile mantel. The wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick, \$12,696. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, Roy Stevens. Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$12,696.

SCHOOLS.

MONTARA, SAN MATEO CO., CAL.—School, 1 story, frame and plaster, \$9,000. Architect, J. F. Ogborn, Richmond. Owners, Montara School District. A new building will be erected at once to replace the school recently destroyed by fire. Plans show a four-room

school and will be finished in pine. Stoves will be used for heating. Composition blackboards will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

KENTFIELD, MARIN CO., CAL.—School, 1 story, frame and plaster, \$70,000. Architect, Erwin Schaefer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building has been designed for a four-room school with an assembly hall. Interior will be finished in pine throughout. Maple floors may be used in the class rooms. There will be a warm air system of heating. Composition blackboards and modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 22nd. Plans and specifications can be secured from the architect or George E. Bennett, 72 Fremont street, S. F., or T. W. West, Clerk of the Board of Education at Kentfield.

STEUBEN SCHOOL DISTRICT, SONOMA CO., CAL.—School, 1 story, frame. Cost not stated. Architect's name not given. Owners, Steuben School District. The building has been designed for a two-room school and will be heated by stoves. Interior will be finished in pine. Composition blackboards will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 15th. Plans can be secured from either the County Superintendent of Schools at Santa Rosa or from H. G. Comstock, Clerk of the Board of Santa Rosa, R. F. D., No. 3.

SACRAMENTO, CAL.—School lighting fixtures. Cost not stated. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, City of Sacramento. Bids are now being taken for furnishing and installing lighting fixtures in the Sacramento Union High School. Bids will be opened on August 17th. Plans and specifications can be secured from the architect.

FRANKLIN SCHOOL DISTRICT, SUTTER CO., CAL.—School and school alterations. Cost not stated. Architect, none. Owners, Franklin School District. Plans for a one-story building and for alterations to the present school building have been approved by the Board of Education. Bids will be opened on August 15th at 10 a. m. Plans and specifications can be secured from the Clerk of the Board at Franklin.

RAINIER, ORG.—School, 2 story and base, brick, \$25,000. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, Rainier School District. The building will cover an area of 122 by 58 feet. Manual training rooms, domestic science rooms and gymnasium will occupy the basement. There will be five class rooms and teachers' rooms on the first floor, while the second floor will contain two class rooms, study hall and laboratories. The building will be heated by steam. Interior will be finished in pine with maple floors in the class rooms. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

ALHAMBRA, LOS ANGELES CO., CAL.—Schools, 4, 1 and 2 story and base, brick, \$80,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Alhambra School District.

These buildings will contain from four to eight class rooms. Interiors will be finished in pine with maple floors in the class rooms. There will be steam heat and modern school plumbing. The larger building will also contain manual training and domestic science rooms. Exteriors will be faced with pressed brick. Plans are complete and are in the office of the Superintendent waiting final approval.

LA HABRA, LOS ANGELES CO., CAL.—School, 1 story, brick or concrete. Cost not stated. Architect, J. Flood Walker, 303 East 4th street, Santa Ana. Owners, La Habra School District. The building will contain six class rooms and an assembly hall seating 150 people. There will be departments for manual training and domestic science. Interior will be finished in pine with maple floors in the class rooms. A central heating system will be provided. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will close on August 15th. Plans can be secured from the architect.

BURLINGAME, SAN MATEO CO., CAL.—Swimming tank and pergolia. Concrete construction. Cost not stated. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Col. George A. Pope. A large concrete swimming tank with tile bottom and sides will be erected at the country home of Col. Pope. A pergolia and grand stairway will also be constructed. Plans are complete and figures are being taken.

COMPTON, LOS ANGELES CO., CAL.—School, 2 story and base, brick, hollow tile or concrete, \$40,000. Architects, Tuttle & Angels, Delta Bldg., L. A. Owners, Compton School District. The building will contain, besides the usual class rooms, departments of domestic science and manual training. There will be steam heat and modern school plumbing. Interior will be finished in pine with maple floors in the class rooms. Exterior of the building will be faced with cement plaster or pressed brick. Plans are now being prepared. Further mention will be made of the work.

PASADENA, LOS ANGELES CO., CAL.—Schools, 2, 2 story and base, brick. Cost not stated. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Pasadena School District. These two buildings have been mentioned here before. Plans have been called in for revision. This work will be completed in the course of two weeks and new figures will be called. Further mention will be made of the work at that time.

Contracts Awarded.

LOS ANGELES, CAL.—School, 2 story, brick and frame, \$51,200. Architect, A. H. Daun, L. A. Owners, Los Angeles School District. Contractor, Charles S. McCully, 2751 St. Francis avenue, L. A. Contract price, \$51,200.

EL SEGUNDO, LOS ANGELES CO., CAL.—School, 1 story, frame and plaster, \$10,000. Architect, E. L. Hopkins, Delta Bldg., L. A. Contractor, Paul Martin, 1662½ West 12th street, L. A. Contract price, \$10,000.

PASADENA, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$37,541. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Pasadena School District. Contractor, John Simpson, 622

Van Nuys Bldg., L. A. Contract price, \$37,541.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 31st by the State Highway Commission at Sacramento for highway construction in the following counties: Colusa, 12.6 miles; Yuba, 3.3 miles; San Luis Obispo, 10 miles; Kern, 2.3 miles; Orange, 7.8 miles; Sacramento, 6.8 miles; Solano, 8.2 miles; Santa Barbara, 3.8 miles, and Los Angeles, 12.3 miles. Complete particulars can be secured from the State Highway Commission. An official proposal appears in another column of this issue.

SAN FRANCISCO—Concrete mixers. Cost not stated. Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Board of Supervisors on August 17th for furnishing the Street Repair Department with two concrete mixers. Full particulars can be secured from the Clerk of the Board of Supervisors. An official proposal appears in another column of this issue.

SAN FRANCISCO—Cast iron water pipe. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on August 12th for furnishing and delivering to the city a quantity of cast iron water pipe for the Auxiliary Water Supply system. Plans can be secured from the City Engineer.

CALISTOGA, NAPA CO., CAL.—Sewer system and septic tank. Cost not stated. Engineer, W. H. Castner, Jr., Healdsburg. Owners, Town of Calistoga. Engineer W. H. Castner, Jr., has been commissioned to prepare plans for a new sewer system to be constructed in Calistoga. He is now at work on the surveys. A large septic tank will also be constructed. It is the intention of the City Trustees to embrace all of the town in the system.

BERRYESSA ROAD, SANTA CLARA CO., CAL.—Road improvement. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Bids will be received by the Board of Supervisors until August 17th for constructing improvements to the Berryessa Road in Road District No. 3. Plans and specifications can be secured from the County Surveyor at San Jose.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Incinerator work. Cost not stated. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Santa Cruz. Bids for constructing an incinerator plant were taken under advisement by the City Council. Three bids were received as follows: Micerelli Co., \$7,200; Universal Engineering Co., \$16,000, and Z. O. Field, \$7,965. All bids are in excess of the amount available. At the same meeting a contract was awarded to the Gamewell Co., of San Francisco, for installing a new fire alarm system on their bid of \$7,980.

PORTLAND, ORE.—Water supply system, \$125,000. Engineer, Clark, Portland. Owners, City of Portland. Commissioner Daly has approved plans

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outlined by Chief Engineer Clark of the Water Bureau for improvement of the distributing service costing \$125,000. These improvements will consist mainly of the extension of the big 30-inch main from its present terminus at Fremont and East 59th street, north one-fourth mile and west two and one-half miles to the Vernon standpipe. It is also planned to extend a 16-inch main through the Irvington district. At the present time there is no material on hand for the construction of these two mains and the numerous small laterals which it will be necessary to lay. An estimate is now being prepared by the City Auditor, who will be directed to call for bids.

Contracts Awarded.

REDWOOD CITY, SAN MATEO CO., CAL.—Highway construction, \$16,462.50. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractor, Daniel Flynn. Contract price, \$16,791.60.

PORTLAND, ORE.—Paving, \$39,218.92. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, Oregon Paving Co., Portland. Contract price, \$39,218.92.

VANCOUVER, B. C.—Sewer extensions, \$309,052.72. Engineer, City Engineer, Vancouver. Owners, City of Vancouver. Contractors, Hodgson, King & McPhelan Bros., 319 Pender street, West Vancouver. Contract price, \$309,052.72.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Water pipe, \$33.85 per ton. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Contractors, United States Pipe Co., S. F. Contract price, \$33.85 per ton.

STORES.

SAN FRANCISCO — Store fixtures, \$4,500. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Shumate's Pharmacy. Plans for extensive store fixtures to be installed in the new Physicians' Building at the north-west corner of Powell and Sutter streets have been completed and figures taken. Bids are now in and under advisement. A contract will be awarded shortly.

OAKLAND, CAL. — Stores, 1 story and base, brick. Cost not stated. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, Jesse Steinhart, Monadnock Bldg., S. F. This building will contain a number of modern stores finished in pine and hardwood. There will be patent store fronts and plate glass windows. Exterior of the building will probably be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

LOS ANGELES, CAL. — Stores and offices, 8 story and base. Class A construction. Cost not stated. Architects, Reid Bros, California-Pacific Bldg., S. F. Owner, Hulett C. Merritt. The building will be erected at the north-east corner of 8th and Broadway, covering a large ground area. There will be a number of high class stores on

the first floor and modern offices on the upper floors. Interior will be finished in pine and hardwood. Marble and tile will be used extensively. There will be steam heat, elevator service, metal window frames and sash and a vacuum cleaning system. Plans provide for a steel frame and brick exterior walls faced with pressed brick and terra cotta. Plans have been revised and are now in the hands of the Spring Street Co., 702 South Spring street. Subcontracts will be let.

LOS ANGELES, CAL. — Stores and offices, 7 story and base. Class A construction. Cost not stated. Architects, Frederick Noonan and William Richards, Brockman Bldg., L. A. Owners, J. W. Robinson Co. The building will be erected at the corner of 7th and Grand streets and will cover an area of 333 feet by 135. Walls, floors and roof will be of reinforced concrete. Interior will be finished in pine and hardwoods. Marble and tile will also be used for trim. Plans provide for steam heat, elevator service, a hot water supply, vacuum cleaning and metal window sash and frames. Exterior will be faced with pressed brick. Plans are complete and will go out for figures this week.

KLAMATH FALLS, ORE. — Stores and offices, 3 story and base. Class B. Cost not stated. Architects, Veghte & Co., Klamath Falls. Owner's name withheld. The building will be arranged for a number of stores on the first floor and offices above. Interior will be finished in pine with tile floors. There will be steam heat and metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL. — Interior finish for office building, \$80,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. Contractors, Los Angeles Mill Co., 1812 Industrial street, L. A. Contract price, \$80,000. Note: This work will be installed in the new building under construction at the corner of 5th and Spring streets.

TURLOCK, STANISLAUS CO., CAL. — Stores and apartments, 2 story and base, brick and steel, \$18,000. Architect, L. K. Condrajian, Fresno. Owner, Toprahadian, Contractor, Charles Crozier, Fresno, concrete work; Berkeley steel Co., Berkeley, structural steel, and Hollenbeck & Bush, Fresno, carpentry and mill work. Contract prices not given.

THEATRES.

ALAMEDA, ALAMEDA CO., CAL.— Theatre, 1 story and base. Class C construction, \$25,000. Architect, Herman Barth, 12 Geary street, S. F. Owner represented by Mr. Bender, International Banking Corporation, S. F. The building will be erected on a corner and will contain a main auditorium seating 650 people. The building will

have a frontage of 50 feet and a depth of 150 feet. Interior will be finished in pine with ornamental plaster. A modern system of ventilation will be installed. Exterior will be faced with cement plaster. Plans are complete and in the hands of Mr. Bender who will take all figures.

GLENDALE, LOS ANGELES CO., CAL.— Theatre, 1 story and base, brick and steel, \$25,000. Architect, Robert J. Kitts, 723 Stewart street, Glendale. Owner, Henry C. Jensen. The building will cover an area of 53 by 150 feet, and has been designed for a high class motion picture house. Interior will be finished in pine and ornamental plaster. There will be special electric work and a modern system of ventilation. Exterior will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

MARTINEZ, CONTRA COSTA CO., CAL.— Theatre, 1 story, brick, \$9,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Cordelia B. Grey. Contractor, Carl Neilson, Martinez. Contract price, \$9,000. Note: The building has been leased to J. A. Kelly and Frank M. Cunningham.

SEALED PROPOSALS.

PROPOSAL FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 12th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Potrero Emergency Hospital to be located at Twentieth and Kentucky streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred and fifty (150) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$4,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR CONCRETE MIXERS

SEALED proposals for two concrete mixers for Street Repair Department will be opened in open session of the Board of Supervisors August 17, 1914, at 3 p. m.

Proposal blanks will be furnished on Application.

J. S. DUNNIGAN, Clerk.

PROPOSALS FOR METAL SHELVING.

METAL SHELVING, ETC.—Treasury Department, Office of the Supervisors, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 18th day of August, 1914, and then opened for metal counters, screen partitions,

shelving, etc., for the U. S. subtreasury at San Francisco, Cal. Drawings and specifications may be had at the office of the supervising superintendent of construction, room 402 post office and court house, San Francisco, Cal., or at this office, in the discretion of the supervising architect, W. WENDEROTH, Supervising Architect.

PROPOSALS FOR WATER PIPE.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 22nd day of August, 1914, for doing the following work, to wit:

The furnishing and delivering of cast-iron water pipe for the Auxiliary Water Supply System.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days from the receipt of written notice from the Board of Public Works and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposals, when so furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 864—Proposals for Steel Cable, Poultry Netting, Nails, Screws, Bolts, Rivets, Pig Lead, Pipe Fittings, Steel Lockers, Locks, Hammers, Hatchets, Saws, Files, Tool Handles, Hops, Ball Cocks, Shot Heads, Window Glass, Lantern Globes, Manila Rope, Packing, Emery Cloth, Oilcloth, Sandpaper, Railway Flags, Paper Drinking Cups, Paper Books, Paper, Thumb Tacks and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10 a. m., August 21, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 864) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

PANAMA-PACIFIC INTERNATIONAL NOTICE TO CONTRACTORS.

EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, August 11, 1914, for erecting and Wind Screens in Horticulture Garden, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that bid with the accepted proposal or bid, which check will be returned upon the suc-

cessful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-five Dollars to the Exposition Company.

Under the order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,

Chairman.

PROPOSALS FOR CANAL SUPPLIES.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Phoenix, Ariz., until 2 o'clock p. m., August 24, 1914, for the construction of the Wallace Feeder Canal on the Salt River Project, Arizona. The work is located near Phoenix, Ariz., and involves the excavation of approximately 68,000 cubic yards of material, 275 cubic yards of sand and gravel, concrete in structures, 50 square yards of grouted paving, laying 160 linear feet of 18-inch concrete pipe and the erection of four bridges, including the use of 16,480 feet of lumber and 9,600 pounds of steel and iron. For particulars address the United States Reclamation Service, Phoenix, Ariz., or Washington, D. C. F. H. NEWELL, director.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until 10 a. m., August 21, 1914, after noted, at which times they will be publicly opened and read, for construction in accordance with the specifications thereon, in which special reference is made to portions of State Highway as follows:

Until 11 o'clock A. M., August 31, 1914. Colusa County from Berlin to Colusa Junction (III-Col-7-B), about 12.8 miles in length, to be built of Portland cement concrete.

Yuba County from the southerly county boundary to Morrison's Crossing (III-Yub-2-A), about 2.3 miles in length, to be built of Portland cement concrete.

Sacramento County from Alacadero Creek to Paso Robles (V-S-1-C, 2-B), about 10.0 miles in length, to be built of Portland cement concrete.

Kern County from the southerly county boundary about 2.3 miles south of Rose Station (VI-Ker-4-A), about 10.7 miles in length, to be graded.

Orange County from Irvine to Santa Ana (VII-Ora-2-C), about 7.4 miles in length, to be built of Portland cement concrete.

Until 1 o'clock P. M., August 31, 1914. Sacramento County from Folsom to the easterly county boundary (III-Sac-11-A), about 6.8 miles in length, to be built of Portland cement concrete.

Solano County from Nacville to Batavia (III-Sol-7-D), about 8.2 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Divida to Orcutt (V-S-B-2-A), about 2.6 miles in length, to be built of Portland cement concrete.

Stanislaus County from Steep Creek to El Capitan Creek (V-S-B-2-G&I), about 10.2 miles in length, to be graded.

Los Angeles County from Castile School to Section 17, T. 8 N., R. 17 E., S. B. & M. (VIII-L-A-4-B), about

12.8 miles in length, to be graded.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles, etc.

No bid will be received unless it is made on blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HAROLD D. DARLINGTON, NEWELL D. DARLINGTON, CHARLES F. STERN, California Highway Commission, AUSTIN B. CLARKE, Highway Engineer, CHARLES C. CARLETON, Acting Secretary. (*)

Dated: July 21, 1914.

PROPOSALS FOR AUDITORIUM WORK.

PURSUANT to Resolution No. 857 N. S., passed July 22, 1914, the Council of the City of Oakland will receive bids for furnishing all of the materials, labor and work to be required in connection with the construction, erection and finish of Elevators and Curtain Hoists; Marble and Tiling; Cement Finishes; Carpentry; Hardware; Painting; Seating; Plastering; and all other Electrical Work for the Auditorium Building to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the regulations and the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Auditorium," (specifying work bid upon) addressed to the Council and deposited by the bidder or his agent, with said Council while in session, between 10 a. m. and 4 o'clock P. M., Noon, Pacific Time, on the 20th day of August, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered, which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent of the aggregate amount of the proposal. Said check shall be forfeited to and retained by the City in the event the bidder fails or refuses to execute the contract in the proper form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within ten days after receiving notice of award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect and guarantee the performance of labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the forms of proposal and of the required affidavits, agreement, bonds, acknowledgements

and specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after July 28th 1914, within a reasonable time after application, and upon a deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant; additional copies will be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The bid is to be received to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any and all bids submitted.

Each bid shall bear the affidavit of the bidder, as required by Section 126 of the Charter of the City of Oakland.
FRANK M. SMITH, City Clerk.

PROPOSALS FOR OIL BURNING PLANT.

OIL BURNING PLANT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. August 25, 1914, and then publicly opened, for an oil-burning plant for heating boiler in the United States post office and custom house at Eureka, Cal., in accordance with specification and drawing, copies of which may be obtained at this office or at the office of the custodian at Eureka, Cal., in the discretion of the supervising architect. O. WENDEROTH supervising architect.

PROPOSALS FOR ICE PLANT.

ICE AND STORAGE PLANT—Sealed proposals indorsed "Proposals for Ice-Making and Cold-Storage Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 29, 1914, and then publicly opened, for building and equipping an ice-making and cold-storage plant at the United States naval station, Pearl Harbor, Hawaii. Appropriation available, \$5,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Phoenix, Ariz., until 2 o'clock p. m. August 25, 1914, for the construction of the Cave Creek cutoff of the Arizona Canal, Salt River Project, Ariz., and the necessary laterals in connection therewith, involving approximately 131,000 cubic yards of excavation and 300 cubic yards of concrete in structures. The work is situated near the town of Glendale, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Phoenix, Ariz. F. H. NEWELL, director.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. August 25, 1914, for the construction of a complete (including mechanical equipment, except elevator, lighting fixtures and approaches), of the United States post office and court house at Medford, Ore. Three-story and basement building, ground area 5,500 square feet, first floor fire proof, stone, ornamental terra cotta and brick facing, an composition roof. Drawings and specifications may be obtained from the custodian of site at Medford, Ore., or at this office, in the discretion

of the supervising architect. Drawings and specifications will be ready for delivery after July 8, 1914. O. WENDEROTH, supervising architect.

PROPOSALS FOR HOISTING TOWER.

HOISTING TOWER—Sealed proposals indorsed "Proposals for Coal-Hoisting Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 29, 1914, and then publicly opened, for a coal-hoisting tower for the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the Board of Trustees of the Carnegie Public Library of Corning, California, up to and including Thursday, August 13, 1914, at 8 o'clock p. m.; said bids then and there to be publicly opened and read for furnishing the necessary materials and labor for the construction thereof, to wit:

One one-story and basement building for library purposes according to plans and specifications now on file with the Secretary of said Board of Trustees.

Bids must be on both reinforced concrete throughout and a combination of concrete for basement and brick for the upper story.

Cash, a bidder's bond or certified check in the sum of ten (10) per centum of the bid must accompany each bid.

Blueprints and specifications may be obtained by application to the Secretary of the Board, or may be seen at the office of Clarence L. Stiles, Architect, 2416 Parker street, Berkeley, California.

All bids must be addressed to R. B. Frupp, Secretary, Corning, California, and plainly marked on the envelope: "Proposals for the Construction of the Carnegie Public Library, Corning." Signed R. B. FRUPP, Sec.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

STATE EXHIBIT BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architects, Ward & Blohm, Alaska Commercial Bldg., S. F. Owners, State of Michigan. The building will be somewhat different from the other state buildings in so much as it is to be constructed from funds pledged by the various Michigan manufacturers, and will be used as a display building as well as a reception hall for Michigan visitors. Exterior will be covered with cement plaster. Plans are nearly complete and figures will shortly be called.

WIND SCREENS—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans and specifications have been completed for installing wind screens in the Horticulture Gardens at the Exposition Grounds. Bids will be opened on August 11th. An official proposal appears in another column of this issue.

LIGHTING FIXTURES—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Bids were opened on August 11th for installing lighting fixtures in the Exposition Auditorium in the Civic Center. A complete list of these figures will appear in the next

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 19th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco.

Progressive payments will be made. The construction of a tunnel and appurtenances under Twin Peaks in the City and County of San Francisco. The amount of bond for faithful performance of contract has been fixed at \$500,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than 10 per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer and all proposals must be made upon such forms.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Erecting Five Industrial Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 13, 1914, and then there publicly opened, for erecting five industrial buildings at the United States naval station, Pearl Harbor, Hawaii. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

Issue of the Building and Industrial News.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Mission street between 6th and 7th streets, and has been designed for stores on the first floor. Upper two floors will be arranged for a number of two and three room suites with wall beds and private baths. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be taken shortly.

APARTMENT HOUSE—3 story and base, frame, \$18,000. San Francisco. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, F. C. Tucker. The building will be erected at the corner of Bush and Gough streets and will be arranged for a number of two and three room apartments. All suites will have wall beds and private bath rooms. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with shingles. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Filbert street near Leavenworth, and has been designed for two suites of three rooms on the first and second floors and a large eight-room residence to be occupied by the owner on the third floor. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. The building will be heated by gas steam grates. All suites will have wall beds. Bath rooms will be finished in tile and have composition floors. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

JAIL PLUMBING—Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened at last Wednesday's session of the Board of Public Works for completing the plumbing in the City and County Jail. The lowest figure was submitted by Wittman-Lyman Co. at \$9,465. They will probably be awarded the work.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. The building will be erected on the east side of 16th avenue north of Balboa, and has been designed to contain two modern flats. The building will cover an area of 25 by 65 feet. Interior will be finished in pine with some redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

ASSOCIATION BUILDING—2 story, frame and plaster, \$20,000. San Francisco. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. The building will be erected inside the Exposition Grounds and will be somewhat similar to the Press Building. Interior will be finished in pine throughout. There will be a hot water supply. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$60,000. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Dr. Clark Burnham. The building will be erected at the northwest corner of Larkin and Chestnut streets and will cover a large ground area. Interior will be arranged for a number of two and three room suites with wall beds and private bath rooms. Interior will be finished in pine and redwood. Some oak floors will be used. There will be steam heat and automatic elevator. All bath rooms will be finished in tile and will have composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—3 story and base, frame, \$8,250. San Francisco. Architect, T. Patterson Ross, 310 California street,

S. F. Owner, Mrs. Kate de Barillas. The building will be erected at the southeast corner of Hyde and Lombard streets, covering an area of 25 by 61 feet. Basement will be occupied by a private garage. Upper floors will contain three modern flats of five and six rooms. Interiors will be finished in pine and redwood with some elm panels and hardwood floors. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exterior of the building will be covered with shingles and cement plaster on metal lath. Plans are complete and figures have been taken under advisement.

HOSPITAL—4 and 6 story and base. Class A construction, \$600,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Regents of the University of California. The building will be erected at the Affiliated Colleges, and when complete will be one of the finest hospitals in the country. Construction will be fire-proof throughout with a complete steel frame and walls of brick and concrete faced with pressed brick and terra cotta. Interior partitions will be of hollow tile. Floors and roof will be of concrete. The latest and most modern plumbing fixtures and hospital equipment will be installed throughout. The Regents have announced that working drawings will be completed shortly and that construction will be started within two or three months. Bids will be advertised for by the Regents, the official proposal appearing in the columns of this publication and of the Daily Pacific Builder.

HOSPITAL—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the new Potrero Emergency Hospital, which is to be erected at the corner of 20th and Kentucky streets. Interior will be finished in pine with considerable marble. There will be modern hospital equipment and plumbing. Steam heat and a hot water supply will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken. Bids will be opened by the Board of Public Works on August 12th.

SUBTREASURY SCREENS AND SHELVES—Cost not stated. San Francisco. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed and are now out for figures for installing wire screens, metal shelves, counters and partitions in the Subtreasury building. Bids will be opened on August 15th. Plans and specifications for this work can be secured from room 403 San Francisco Post Office or from the Supervising Architect at Washington, D. C. An official proposal for the work appears under another heading in this issue.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owners, M. and H. Nelson, 360 Prospect avenue, S. F. The dwelling has been designed for a six-room house with bath and will be erected on the east side of 16th avenue near Balboa street. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and

dining room. There will be open fire places and tile mantels. Bath room and kitchen will be finished in tile. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base. Class A construction, \$150,000. San Francisco. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mary L. Phelan. This work has been mentioned here before when the architect was first commissioned to prepare plans. The working drawings have been completed and are now out for figures. The dwelling will be fire-proof and will contain in the neighborhood of 25 rooms, a large number of bath rooms and servants' quarters. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. A central heating system will be installed. Exterior will be faced with cement plaster.

RESIDENCES—2, 2 story and base, frame, \$4,000 each. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. These two houses will be erected on Urbano Drive and each has been designed to contain eight rooms, bath and sleeping porch. Interiors will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, J. C. Kirby, 2152A Market street, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on 25th avenue near Geary street. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Tile will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, J. C. Flueger, 783 7th avenue, S. F. Owner, Frank J. McHugh, 372 7th avenue, S. F. The dwelling will be erected on the east side of 17th avenue near Anza, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

CONCRETE MIXERS—Cost not stated. San Francisco. Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Board of Supervisors on August 17th for furnishing the Street Repair Department with two concrete mixers. Full particulars can be secured from

the Clerk of the Board of Supervisors. An official proposal appears in another column of this issue.

CAST IRON WATER PIPE—Contract not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on August 12th for furnishing and delivering to the City a quantity of cast iron water pipe for the Auxiliary Water Supply System. Plans can be secured from the City Engineer.

STORE FIXTURES—\$4,500. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Shumate's Pharmacy. Plans for extensive store fixtures to be installed in the new Physicians' Building at the northwest corner of Powell and Sutter streets have been completed and figures taken. Bids are now in and under advisement. A contract will be awarded shortly.

LODGE HALL, ADDITION—3 or 4 story, Class A construction, \$75,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. Plans have been practically completed for an addition to the Concordia Club at the southeast corner of Van Ness and Post street. The building will have a complete steel frame and stone exterior walls. Interior will be arranged for additional apartments, club rooms and social hall. Interior will be finished in hardwood and pine. There will be steam heat and vacuum cleaning. Plans will be out for figures about the 15th of August.

EXHIBIT BUILDING—2 story, frame and plaster, \$35,000. San Francisco. Architect, A. W. Burgren, Holbrook Bldg., S. F. Owner, Denmark. Plans for the building are nearly complete and will shortly be out for figures. The building will cover an area of 84 by 135 feet. Interior will be finished in pine. Exterior of the building will be covered with cement plaster.

HOTEL—7 story and base, steel and brick. Cost not stated. San Francisco. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Charles C. Judson Co. The building will be erected at the southwest corner of Taylor and Post streets with a frontage of 45 feet 10 inches on Taylor and 70 feet on Post. There will be stores on the first floor besides the hotel entrance and lobby. Upper floors will contain in the neighborhood of 175 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will have tile wainscot and floors. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

City Bids Opened.

Wittman Lyman Co. Low on Completing Plumbing Work at the City and County Jail.

Besides the usual amount of bids for street paving and sidewalk work only one set of figures were opened by the Board of Public Works and that for the completing of the plumbing at the City and County Jail. Wittman-Lyman Co. submitted the lowest figure at \$9,-

165. Following is a complete list of the bids as opened:
Completing Plumbing at City and County Jail.

Alex. Coleman	\$ 9,960
Scott Company	10,300
P. W. Snook Co.	9,495
Wittman Lyman Co.	9,465

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't.
2660	Tantan	Steffen	950
2661	Sweeney	Sweeney	450
2662	Webb	Parry	1900
2663	Moker	Foley	420
2664	Stanyan	Boyer	400
2665	Alfritz	Grieb	400
2666	Bais	Highson	600
2667	Leach	Mechan	100
2668	Mingst	Mingst	500
2669	Orange Blossom	Novelty	570
2670	Klein	Nimmo	400
2671	Luciani	Roberts	725
2672	Kroetz	Kroetz	1850
2673	Green	Green	12000
2674	Hepburn	Petersen	5000
2675	Ellis	Contra Costa	4650
2676	German Potash	G & E	2300
2678	Desmond	Dunnivant	3999
2679	Smith	Hamill	1250
2680	Low	Travers	1476
2681	Same	United Decorating	5848
2682	Same	Elec Con Co	892
2683	Same	Henderson	19110
2684	Same	Mallan	1650
2685	Pacific G & E	U S Metal	314
2686	Donovan	Person	1800
2687	Eschen	Yates	2900
2688	Urban	Urban	4000
2689	Urban	Urban	4000
2690	Schultze	Schultze	800
2691	Siml	Morman	750
2692	Leavitt	Seoble	5000
2693	Leavitt	Cole	400
2694	Sadanaga	Heckenroth	4425
2695	Sperry	Dunnivant	11309
2696	Meehan	Mains	615
2697	Lee	Dolan	100
2698	Methodist Book	Novelty	1500
2699	Neumeyer	Neumeyer	500
2700	Gartner	Carson	8500
2701	Moffatt	Secor	2900
2702	Voorath	Stiefel	4835
2703	Freeman	Allen	4000
2704	Iowa	Pinkerton	1463
2705	Erman	Fernochia	400
2706	Binning	Peterson	7195
2707	Behan	Carlson	1350
2708	Finkle	Rocky Mtn	3475
2709	Com Club	Bkly Sal	6600
2710	Burns	Burns	1200
2711	Monson	Monson	1800
2712	Kurtz	Witzelsberg	400
2713	News Cafe	Bruswick	400
2714	Smith	Macinnis	475
2715	Morris	Wolfender	500
2716	Umben	Swenson	1118
2717	Kirby	Kirby	2000
2718	Weiser	Halling	1465
2719	Pacific T & T	Owner	3000
2720	Harney	Secor	4880
2721	McHugh	McHugh	2800
2722	Lee	Whitney	5172
2723	Moffatt	Secor	4912
2724	Davis	Finlayson	3250
2725	Century	Boldt	5495
2726	Patton	Hantzsch	100
2727	Costello	Costello	1800
2728	Bruce	Swan	800
2729	Mullin	Mitchell	700
2730	Hayes	Hayes	400
2731	Quin Eator	Maloney	1200
2732	Viereck	Viereck	850
2733	Middleton	Hatch	300
2734	Nelson	Nelson	2750
2735	Heiser	Houle	1465
2736	Freeman	Allen	4000
2737	S F Hm Incurables	Hule	2300
2738	Floodberg	Cameron	8282
2739	Traders Rity	Greenback	12425
2740	S P Co	Newsom	59625
2741	Steffen	Forderer	2300
2742	Same	Scott Co	1350
2743	Same	Decker Elec	1672
2744	Same	Otis Elevator	1700
2745	Fuller	Haua	1500
2746	Behan	Carlson	900
2747	Moore	Moore	500
2748	Curtiz	Curtiz	450
2749	Little	Western	500
2750	Shea	Novelty	400
2751	Watts	Watts	1500
2752	Ford	Jossa Cornice	500
2753	Haner	Haner	1500
2754	Haner	Haner	3000
2755	Armes	Peterson	800
2756	Cricket	Pinkerton	1465
2757	Clift	American	8800
2758	Same	Collins	1750
2759	Same	Neal	7900

REPAIR FRAME RESIDENCE

(2660) NO. 715 McALLISTER. Repair fire damage.
Owner.....Geo. F. Tantan, Cupertino, California.
Architect.....None.
Contractor.....Steffen & Davis.
COST, \$950

ALTER RESIDENCE

(2661) SE GEARY AND TWENTY-ninth Ave., Add two rooms to dwlg.
Owner.....Ed. Sweeney.
Architect.....None.
Day's work.
COST, \$480

FRAME RESIDENCE

(2662) W HARPER 330 S 30th. One-story and basement frame dwlg.
Owner.....P. R. Webb, 222 Raymond Ave., San Francisco.
Architect.....None.
Contractor.....T. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$1900

ALTER RESIDENCE

(2663) NO. 2541 WASHINGTON. Alter and repair dwelling.
Owner.....Mrs. C. S. Mokes, 2536 Broadway, San Francisco.
Architect.....None.
Contractor.....Foley & Green, 1326 Natoma, San Francisco.
COST, \$120

ALTER RESIDENCE

(2664) NO. 1913 BUSH. Add one room and install door.
Owner.....C. H. Stanyan, 2006 Bush, San Francisco.
Architect.....None.
Contractor.....Boyer & Sons, 2407 California, San Francisco.
COST, \$400

ALTER RESIDENCE

(2665) NO. 507 COLUMBUS AVE. Erect marquis and stairs.
Owner.....Alfritz Estate, Montgomery Block, San Francisco.
Architect.....None.
Contractor.....Henry T. Grieb, 1020 Guerrero, San Francisco.
COST, \$400

REPAIRS

(2666) SW TENNESSEE AND 22ND. Concrete wall and minors repairs.
Owner.....Mrs. S. Bais, Premises.
Architect.....None.
Contractor.....Highson & Bros., Inc., 35 Cook, San Francisco.
COST, \$600

ALTER SALOON

(2667) NO. 3231 FILLMOKE. Alter and repair saloon.
Owner.....John Meehan, Premises.
Architect.....Arthur G. Scholz, 539 Phelan Bldg., San Francisco.
Contractor.....H. L. Mains.
COST, \$615

ALTER RESIDENCE

(2668) SW OAK AND PIERCE. New front, rear floor and marble exterior base.
Owner.....Mingst Bros., 340 Pierce, San Francisco.
Architect.....None.
Day's work.
COST, \$500

ERECT SIGN.

(2669) NO. 47 KEARNY. Electric sign.
Owner.....Orange Blossom, Inc., 47 Kearny, San Francisco.
Architect.....None.

Contractor Novelty Elec. Sign. Co.,
163 Eddy, San Francisco.
COST, \$750

ALTER RESIDENCE
(2670) NO. 545 LAKE. Add bath room
to dwelling.

Owner.....J. Klein, Premises.
Architect...None.
Contractor...Geo. Nimmo, 634 Clay,
San Francisco.
COST, \$400

FOUNDATION FOR RESIDENCE
(2671) N PINLEY 85 W WEBSTER.
Underpin and concrete foundation.
Owner.....Vincent Lucia, 2036 Lombard,
San Francisco.
Architect...None.
Day's work. COST, \$725

FRAME RESIDENCE
(2672) E ANDOVER 100 N Ogden.
One-story and basement frame residence.
Owner.....Dr. Mary M. Kroetz, 496
Guerrero, San Francisco.
Architect...George E. Kroetz, Ross,
California.
Day's work. COST, \$1850

BRICK APARTMENTS
(2673) W HYDE 35 N O'Farrell, Three
story and basement brick (12) apart-
ments.
Owner.....Annie Green, 124 Clayton,
San Francisco.
Architect...A. J. Falvey, 124 Clayton,
San Francisco.
Contractor...A. J. Falvey, 124 Clayton,
San Francisco.
COST, \$12,000

FRAME FLATS
(2674) S PILBERT 91-6 W Leaven-
worth. Two-story and basement
frame (2) flats.
Owner.....Miss H. E. Hepburn, 1245
Leavenworth, S. F.
Architect...None.
Contractor...Antone Petersen, 544 Guer-
rero, San Francisco.
COST, \$5000

FRAME RESIDENCE
(2675) N LAKE 90 W 19th Ave W 30x
N 100. All work except plumbing,
painting, gas and electric fixtures and
finish hardware for two-story frame
residence.
Owner.....Milton Ellis, 1492 Califor-
nia, San Francisco.
Architect...Alfred H. Jacobs, 20 Mont-
gomery, San Francisco.
Contractor...Roberts & Woolfrey, 92
Ramona, San Francisco.
Filed Aug. 3, '14. Dated Aug. 1, '14.
Roof boarding on and all steel
partitions set\$1162.50
Brown coated on inside and 1st
coat of cement plaster on ex-
terior 1162.50
Usual 35 days..... 1162.50
TOTAL COST, \$4650.00
Bond, \$4650. Surety, Massachusetts
Bonding & Insurance Co. Limit, Nov.
20, 1914. Forfeit, none. Plans and
specifications filed.

UNDERGROUND DUCT LINE
(2676) BROADWAY bet. Columbus Ave
and Sansome. Complete construction
of an 550 foot underground six hole
direct line with five manholes, etc.
Owner.....City Electric Co., 233 Post,
San Francisco.
Architect...None.
Contractor...Contra Costa Constr. Co.,
330 10th, San Francisco.

Filed Aug. 3 '14. Dated July 25, '14.
On completion 75%
Usual 35 days..... 25%
COST, 26 cents per duct ft. for duct.
3x5 ft. manholes, \$30 each; 6x6 man-
holes, \$115 each; 7x7 ft. manholes, \$140
each.
Bond, \$1000. Surety, Chicago Bonding
& Surety Co. Limit, none. Forfeit, \$10.
Specifications only filed.

ELECTRIC WORK EXPOSITION BLDG
(2677) EXPOSITION GROUNDS. Elec-
tric wiring for German Kali Works
Building.
Owner.....German Potash Works, Ex-
position Site, S. F.
Architect...None.
Contractor...Gas & Elec. Appliance Co.,
441 Sutter, San Francisco.

Filed Aug. 3, '14. Dated July 14, '14.
Wiring installed..... 50%
Building completed 25%
30 days after 25%
TOTAL COST, \$2300
Bond, limit, forfeit, none. Plans and
specifications filed.

**FRAME AND PLASTER EXPOSITION
BUILDING**
(2678) EXPOSITION SITE. Erection
of Roast Beef Concession Building No. 1
Owner.....Desmond Supply Co., 525
Market, San Francisco.
Architect...Wm. C. Hays, 1st National
Bank Bldg., San Francisco.
Contractor...Dunnivant-Houghton Van
Sant, Inc., Exposition Site,
San Francisco.
Filed Aug. 3, '14. Dated Aug. 3, '14.
Enclosed 25%
Plastering completed 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$3999
Bond, \$2000. Surety, Southwestern
Surety Insurance Co. Limit, 50 days.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS FOR RESIDENCE
(2679) NO. 6231 CALIFORNIA. All
work for alterations and additions to
residence.
Owner.....Wm. A. & Hattie A. Smith,
Premises.
Architect...None.
Contractor...Thos. Hamill, 268 25th Ave.,
San Francisco.
Filed Aug. 3, '14. Dated Aug. 3, '14.
Addition enclosed and roof on \$312.50
Plastering completed 312.50
Completed and accepted..... 312.50
Usual 35 days..... 312.50
TOTAL COST, \$1250.00
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

PAINTING EXPOSITION BLDG.
(2680) EXPOSITION SITE. Painting
for Iowa State Building.
Owner.....Iowa Commission to Pana-
ma-Pacific International
Exposition.
Architect...Schockey & Cleveland.
Contractor...E. H. Travers.
Filed Aug. 3, '14. Dated July 25, '14.
Payments monthly of 75%
Usual 35 days..... 25%
TOTAL COST, \$1472
Bond, \$736. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 45 days
after Sept. 15. Forfeit, \$5. Plans
and specifications filed.

(2681) STAFF AND PLASTER ON
above.
Contractor...United Decorating Co., 2221
Greenwich, S. F.

Filed Aug. 3, '14. Dated July 25, '14.
Payments same as above.....
TOTAL COST, \$5348
Bond, \$2924. Surety, Pacific Coast
Casualty Co. Limit, 70 days after Aug.
15. Forfeit, \$15. Plans and specifica-
tions filed.

(2682) ELECTRIC WIRING ON ABOVE
Contractor...Electrical Constr. Co., 491
Fell, San Francisco.
Filed Aug. 3, '14. Dated July 24, '14.
Payments same as above.....
TOTAL COST, \$592
Bond, \$500. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 days
after Aug. 1. Forfeit, \$5. Plans and
specifications filed.

(2683) EXCAVATION, GRADING, MA-
sonry and carpentry on above.
Contractor...W. D. Henderson, Monad-
nock Bldg., S. F.
Filed Aug. 3, '14. Dated July 24, '14.
Payments same as above.....
TOTAL COST, \$11,910
Bond, \$6000. Surety, National Surety
Co. Limit, 120 days after Dec. 1, 1914.
Forfeit, \$20. Plans and specifications
filed.

(2684) PLASTIC FLOORS ETC., ON
above.
Contractor...Malott & Peterson, Monad-
nock Bldg., San Francisco.
Filed Aug. 3, '14. Dated July 25, '14.
Payments same as above.....
TOTAL COST, \$105
Bond, none. Limit, 20 days after Sept.
1, 1914. Forfeit, \$5. Plans and specifi-
cations filed.

SHEET METAL WORK
(2685) NW MINNA 85 NE Eighth NE
40xNW 80. Sheet metal work, ex-
cept glass and glazing sky light for
station "I."
Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.
Architect...Frederick H. Meyer, Bank-
ers' Investment Bldg., S. F.
Contractor...United States Metal Pro-
ducts Co., 525 Market, S. F.
Filed Aug. 3, '14. Dated July 23, '14.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, \$314
Bond, \$157. Surety, New England Casu-
alty Co. Limit, none. Forfeit, none.
Plans and specifications filed.

FRAME RESIDENCE
(2686) S TWENTY-SIXTH 140 E Dia-
mond. One and one-half-story and
basement frame dwelling.
Owner.....Miss L. B. Donovan, San
Anselmo, Cal.
Architect...A. A. Peterson, 336 25th, S. F.
Contractor...T. M. Person & A. Peter-
son, 4447 23rd, S. F.
COST, \$1800

FRAME RESIDENCE
(2687) W COLLINS 190 N Geary. Two
story and basement frame residence.
Owner.....Lee Eschen, Collins and
Geary, San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st
Ave., San Francisco.
COST, \$2900

FRAME RESIDENCE
(2688) E URBANO DRIVE 100 N Polo
Ave. Two-story and basement
frame residence.
Owner.....Urban Realty Improve-
ment Co., 35 Cerritos Ave.,
San Francisco.



THE GILROY UNION HIGH SCHOOL
Gilroy, Calif.

W. H. Weeks, Architect
San Francisco



NEW FLATIRON BUILDING COMPLETE
San Francisco

Havens and Toepke, Architects
San Francisco

Architect...Jos. A. Leonard, 30 Cerritos Ave., S. F.
Day's work. COST, \$4000

FRAME RESIDENCE
(26389) E URBANO DRIVE 50 N Pico Ave. Two-story and basement frame residence.
Owner.....Urbano Realty Improve- Co., 85 Cerritos Ave., S. F.
Architect...Joseph A. Leonard, 85 Cerritos Ave., S. F.
Day's work. COST, \$4000

REPAIR ROOF
(2690) W Michigan 100 S 20th. Repair roof and porch.
Owner.....Mrs. A. Schultze, 911 Illinois, San Francisco.
Architect...None.
Day's work. COST, \$800

FRAME STORE
(2691) W NINTH AVE 375 S Lincoln Way. One-story frame store.
Owner.....V. Siml 55 Waller S. F.
Architect...None.
Contractor...O. L. Morman 1833 10th Ave., San Francisco.
COST, \$750

FRAME FLATS
(2692) E SIXTEENTH AVE 250 N Balboa. Two-story and basement frame (2) flats.
Owner.....Thos. Scoble, 363 14th Ave. San Francisco.
Architect...None.
Day's work. COST, \$5000

REPAIR RESIDENCE
(2693) NO. 2511 OCTAVIA. Minor repairs to dwelling.
Owner.....B. Leavitt, Premises.
Architect...None.
Contractor...C. J. Cole, 110 Jessie, San Francisco.
COST, \$400

ALTER HOTEL
(2694) NW SOUTH PARK & CENTER Place 26-6 on South Park x 97-6. Alterations and additions to hotel.
Owner.....N. Sadanaga, 102 South Park, San Francisco.
Architect...Coates & Traver, Head Bldg., San Francisco.
Contractor...Heckenroth & Schell, 110 Jessie, San Francisco

Filed Aug. 4, '14. Dated Aug. 1, '14.
Present building raised up and foundation walls completed...\$119
Brown coated 1100
Completed and accepted..... 1100
Usual 35 days..... 1106
TOTAL COST, \$4425
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME AND PLASTER EXPOSITION BUILDING
(2695) EXPOSITION SITE. Carpentry plaster, painting, iron and steel, hardware, stairs, metal, staff and plaster for Exposition Booth.
Owner.....The Sperry Flour Co., 343 Sansome, San Francisco.
Architect...Edward G. Garden, Phe- lan Bldg., San Francisco.
Contractor...Dunnivant-Houghton Van Sant, Inc., Exposition Site, San Francisco.

Filed Aug. 4, '14. Dated July 15, '14.
Frame up\$3000
Rough plaster on..... 3000
Completed 3000
Usual 35 days..... 2309
TOTAL COST, \$11,309
Bond, none. Limit, 90 days. Forfeit,

\$10. Plans and specifications filed.

ALTER SALOON
(2696) NO. 3231 FILLMORE. Altera- tions of saloon and bar.
Owner.....John Meehan, 3231 Fill- more, San Francisco.
Architect...Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor...H. L. Mains.
Filed Aug. 4, '14. Dated July 29, '14.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, \$615
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications filed.
NOTE:—1st report Aug. 4; No. 2667.

WRECKING IN MER. EX. BLDG.
(2697) IN MERCHANTS' EXCHANGE Building. Wrecking of rubbish for quarters of the S. F. Commercial Club.
Owner.....The San Francisco Com- mercial Club, Premises.
Architect...W. H. Ratcliff Jr., 1st Na- tional Bank Bldg., Bkly.
Contractor...D. J. Dolan Wrecking & Constr. Co., 652 Clayton San Francisco.
Filed Aug. 4, '14. Dated July 31, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1650
Bond, \$825. Surety, Pacific Coast Casualty Co. Limit, Dec. 15, 1914.
Forfeit, \$10. Specifications only filed.

ELECTRIC SIGN
(2698) NOS. 5 AND 7 CITY HALL Ave. Electric sign.
Owner.....Methodist Book Concern, Premises.
Architect...None.
Contractor...Novelly Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$1500

REPAIR FLATS
(2699) NO. 2642 LYON. Repair flats.
Owner.....Mary L. Neumeyer, Prem.
Architect...None.
Contractor...Geo. L. Streshly, 553 Van Ness Ave., San Francisco.
COST, \$500

FRAME RESIDENCE
(2700) SE TWENTY-SIXTH AVE AND Drake E 32-6xS 100. All work ex- cept heating system for two-story, basement and attic frame residence.
Owner.....Amelia Gartner, Premises.
Architect...Carl Werner, Phelan Bldg. San Francisco.
Contractor...N. A. Carlson, 936 Potrero Ave., San Francisco.

Filed Aug. 5, '14. Dated Aug. 4, '14.
Rough frame up.....\$1500
Rough coat plaster on exterior and interior & plumbing rough- ed in 1350
White coated and interior door jambs set 1550
Completed and accepted..... 1960
Usual 35 days..... 2120
TOTAL COST, \$8480
Bond, \$4240. Sureties, A. L. Bowley and A. Goldenson. Limit, 100 days.
Forfeit, none. Plans and specifications filed.

FRAME UNDERTAKING PARLOR
(2701) W VALENCIA 150 N 19th. Two-story and basement frame un- dertaking parlor.
Owner.....Mrs. L. W. Moffatt, 1766 Pine, San Francisco.
Architect...None.

Contractor L. Secor, 80 Case Bldg. Ave. San Francisco.
COST, \$3900

FRAME RESIDENCE
(2702) S GEARY 100 W Johnston. Two-story and basement frame (2) flats.
Owner.....Wm. A. Voorath, 639 5th Ave., San Francisco.
Architect...Owner.
Contractor...John V. Stiefel, 633 Anza, San Francisco.
COST, \$4535

FRAME RESIDENCE
(2703) GORE COR. CLARENDON & Villa Terrace. Two-story and basement frame residence.
Owner.....Mrs. Blanche Freeman, 3119 California, S. F.
Architect...None.
Contractor...L. L. Allen, 4525 Mission, San Francisco.
COST, \$4000

PLUMBING FOR EXPOSITION BLDG.
(2704) EXPOSITION SITE. Plumbing and gas fitting for Iowa State Bldg.
Owner.....Iowa Commission to Panama-Pacific Interna- tional Exposition.
Architect...Shockley & Cleveland.
Contractor...Jas. H. Pinkerton, 2266 Fulton, San Francisco.
Filed Aug. 5, '14. Dated July 24, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1463
Bond, \$732. Surety, Fidelity & De- posit Co. of Maryland. Limit, 90 days.
Forfeit, \$5. Specifications only filed.

ALTER 1ST FLOOR INTO STORES
(2705) NE HAIGHT AND PIERCE E 25xN 100. Alterations and additions to three-story frame building.
Owner.....J. B. and S. Hermann, 1596 Bush, San Francisco.
Architect...Righetti & Headman, Phe- lan Bldg., San Francisco.
Contractor...Farnochia Petri Co., 397 Chestnut, San Francisco.
Filed Aug. 5, '14. Dated Aug. 4, '14.
New foundations in, old work on 1st floor removed and new par- titions in\$ 750
Ready for inside finish..... 750
Completed and accepted..... 1575
Usual 35 days..... 1025
TOTAL COST, \$4100
Bond, \$2050. Surety, Southwestern Surety Insurance Co. Limit, 52 days.
Forfeit, \$10. Plans and specifications filed.

ALTERATIONS TO FLAT.
(2706) NE HAIGHT AND CLAYTON N 27-6xE 100. Alterations and additions, tearing out lower flat and con- struct stores to building.
Owner.....Anna M. Binning, 205 Elm St., San Mateo.
Architect...H. C. Bauman, Esq., 151 Dolores, San Francisco.
Contractor...Pettersen & Persson, Lick Bldg., San Francisco.
Filed Aug. 5, '14. Dated Aug. 5, '14.
Ready for plaster.....\$1798.75
Brown coated 1798.75
Completed and accepted..... 1798.75
Usual 35 days..... 1798.75
TOTAL COST, 7198.00
Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

FRAME COTTAGE
(2707) N MISSION 26-11 W Farragut Ave NW 127-11 SW 25 SE 117-11 th

— 26-11. Carpenter, plaster, concrete, plumbing, painting, etc., for one-story & basement frame cottage. Owner.....Edw. J. and Sarah Behan, 3784 Mission, S. F.

Architect...None.
Contractor...Gus Carlson and B. Haglin
Filed Aug. 5, '14. Dated Aug. 4, '14.

Frame up\$318
Brown mortar on 316
Completed 316
Usual 35 days..... 400

TOTAL COST, \$1350

Bond, \$675. Sureties, N. C. Wienholz and H. S. Thomson. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ELEVATOR SHAFT & TUNNEL FOR CLASS "A" HOTEL
(2708) NW PINE AND STOCKTON 37-6 on Pine and 59 on Stockton. Excavating, bulkheading, shoring, concrete, reinforced work for elevator shaft and tunnel for ten-story Class "A" hotel building.

Owner.....Frederick C. Finkle, Los Angeles.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Contractor...Rocky Mountain Excavating Co.

Filed Aug. 5, '14. Dated July 30, '14.
On 1st and 15th of each month 50%

TOTAL COST, \$3475

Bond, none. Limit, 30 days after Aug. 3, 1914. Forfeit, none. Plans and specifications filed.

STEEL FOR ALTERATIONS
(2709) MERCHANTS' EXCHANGE Building. Furnishing and setting steel work for new quarters. Owner.....The San Francisco Commercial Club, Premises.

Architect...W. H. Ratcliff Jr., 1st N'l. Bank Bldg., Berkeley.

Contractor...Berkeley Steel Co., Palboa Bldg., San Francisco.

Filed Aug. 5, '14. Dated July 30, '14.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$6600

Bond, \$6600. Sureties, Victor Etienne Jr. and J. M. Etienne. Limit, Dec. 15. Forfeit, \$20. Specifications only filed.

FRAME RESIDENCE
(2710) E FOLSOM 100 S Eugenia. One-story and basement frame dwlg. Owner.....Bernard Burns, 906 Cortland Ave., San Francisco.

Architect...None.
Day's work. COST, \$1200

FRAME RESIDENCE
(2711) W DIAMOND 33 N Elizabeth. Owner.....F. Monson, 865 Church, San Francisco.

Architect...None.
Day's work. COST, \$1860

ALTER RESIDENCE
(2712) NO. 124 Rotteck. Minor alterations to dwelling. One and one-half-story and basement frame dwelling.

Owner.....N. M. Kurtz, Premises.
Contractor...J. Witzelsberger, 176 Rousseau, San Francisco.

Architect...None.

COST, \$400

ALTER FRONT OF CAFE
(2713) NO. 29 THIRD. Alter front.

Owner.....News Cafe Co., Inc., Prem
Architect...None.

Contractor...Brunswick, Balke, Colender Co., 767 Mission, San Francisco.

COST, \$400

REPAIR STORE AND FLAT
(2714) SE GRANADA & HOLLOWAY.

Repair store and flat.
Owner.....H. Smith, Premises.

Architect...None.
Contractor...F. P. MacLinnis, 9 Granada, Ave., San Francisco.

COST, \$475

ALTER RESIDENCE
(2715) NO. 814 WALLER. Extend 2 rooms of dwelling.

Owner.....H. B. Morris, Premises.
Architect...None.

Contractor...Geo. Wolfender, 827 Waller, San Francisco.

COST, \$500

REPAIR FIRE DAMAGE
(2716) NOS. 1955-1959 SUTTER. Repair fire damage.

Owner.....G. H. Umben & Co., 20 Montgomery, S. F.

Architect...None.
Contractor...Swenson & Franzen, 230 Tehama, San Francisco.

COST, \$1118

FRAME RESIDENCE
(2717) W TWENTY-FIFTH AVE 125 S Geary. One and one-half-story and basement frame dwelling.

Owner.....J. C. Kirby, 2152-A Market, San Francisco.

Architect...None.
Day's work. COST, \$2000

UNDERPIN BUILDING
(2718) S ELLIS 220 W Jones. Underpinning.

Owner.....Estate Chester F. Wright, Cr. A. H. Winn, Holbrook Bldg., San Francisco.

Architect...None.
Contractor...R. B. Halling, Monadnock Bldg., San Francisco.

COST, \$500

ALTERATIONS
(2719) NE SEVENTEENTH AND Albion. Re-arrange and install additional lavatories, general alterations and repairs.

Owner.....Pacific Telephone & Telegraph Co., Shreve Bldg., San Francisco.

Architect...E. V. Cobby, 461 Market, San Francisco.

Day's work. COST, \$3000

FRAME RESTAURANT AND FLAT
(2720) SW THIRD 112-6 NW Townsend. Two-story frame restaurant and flat.

Owner.....Mrs. F. M. Harney, 1629 Lyon, San Francisco.

Architect...None.
Contractor...L. A. Secor, 80 Caselli Ave., San Francisco.

COST, \$4850

FRAME RESIDENCE
(2721) E SEVENTEENTH AVE 125 X Anza. Two-story and basement frame dwelling.

Owner.....Frank J. McHugh, 372 7th Ave., San Francisco.

Architect...J. C. Plugger, 782 2nd Ave., San Francisco.

Day's work. COST, \$2800

BRICK APARTMENTS
(2722) S GEARY 200 W Larkin W 27-6 XS 120. Brick work, setting of stone work, flue lining and cementing of fire walls for four-story apartment building.

Owner.....Louis Lee, 2744 Steiner, San Francisco.

Architect...C. O. Clausen, Hearst Bldg San Francisco.

Contractor...Whitney & Davies, 180 Jessie, San Francisco.

Filed Aug. 6, '14. Dated Aug. 5, '14.

Brick work up to 2nd floor line.....\$1291

Brick work up to 4th floor line. 1291

Brick work completed and accepted 1291

Usual 35 days..... 1300

TOTAL COST, \$5173

Bond, \$2590. Surety, The Aetna Accident & Liability Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME UNDERTAKING PARLORS
(2723) W VALENCIA 150 N 19th N 50 xW 100. All work for two-story and basement frame undertaking parlors.

Owner.....Mrs. L. W. Moffatt, 1629 Lyon, San Francisco.

Architect...F. W. Hunt 1766 Pine S. F.

Contractor...L. A. Secor 80 Caselli Ave., San Francisco.

Filed Aug. 6, '14. Dated Aug. 5, '14.

Frame up\$1228

Brown coated 1228

Accepted 1228

Usual 35 days..... 1228

TOTAL COST, \$4912

Bond, none. Limit, 100 days. Forfeit, \$3. Plans and specifications filed.

NOTE:—1st report Aug. 6, No. 2701.

FRAME STORE AND FLATS
(2724) NOS. 2146 AND 2148 UNION.

All work except lighting fixtures, window shades for alterations and additions to two-story frame building into stores and flats.

Owner.....Florence Davis, 2146 Union, San Francisco.

Architect...None.
Contractor...M. M. Finlayson, 110 Jessie, San Francisco.

Filed Aug. 6, '14. Dated July 5, '14.

House raised and store stud walls up\$718.75

Enclosed 718.75

Brown coated 500.00

Completed 500.00

Usual 35 days..... 812.50

TOTAL COST, \$3250.00

Bond, \$1625. Surety, Jno. Cassaretto. Limit, 60 days after Aug. 8. Forfeit, none. Plans and specifications filed.

ALTERATIONS TO CLUB HOUSE
(2725) NO. 1355 FRANKLIN. Alterations and additions to club house.

Owner.....The Century Club of California, Premises.

Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor...Wm. L. Boldt, 2123 Stuart, Berkeley.

Filed Aug. 6, '14. Dated Aug. 4, '14.

On September 1, 1914, $\frac{3}{4}$ of value of work in building.....

On October 1, 1914, $\frac{3}{4}$ of value of work in building.....

November 5, 1914 balance of contract price \$5495

TOTAL COST, \$5495

Bond, none. Limit, Oct. 1, 1914. Forfeit, none. Plans and specifications filed.

FRAME STORE AND FLATS
(2726) N CLEMENT 55 E 22nd Ave E 25 X 25 W 100 S to beg. All work for frame store and flats.

Owner.....Robert Patton or Paton, 2123 Clement, S. F.

Plans and specifications by contractors

Contractor...Max Hantzschke and Fred McKay, 528 31st Ave., S. F.

Filed Aug. 6, '14. Dated July 22, '14.

Frame up\$1000

Brown coated 1000
Accepted 1000
Usual 35 days 1000
TOTAL COST, \$4000
Bond, \$2000. Sureties, J. H. McKay and Henry J. Kessel. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report July 27. No. 2556.

FRAME RESIDENCE

(2727) N COLTON 53 E Albany. One and one-half-story and basement frame dwelling.

Owner.....Lawrence Costello, 93 College Ave., S. F.

Architect...None.

Contractor...Costello & McDonough.
COST, \$1800

ROOF SIGN

(2728) NO. 1015 MARKET. Erect roof sign.

Owner.....Mr. Bruce, Premises.

Architect...None.

Contractor...Swan, "The Painter," 756 Folsom, San Francisco.
COST, \$800

ALTER COTTAGE

(2729) NO. 1315 UTAH. Repair cottage.

Owner.....Wm. Mullin, Premises.

Architect...None.

Contractor...Thos. F. Mitchell, 1370 Utah, San Francisco.
COST, \$700

FRAME RESIDENCE

(2730) W FOURTEENTH AVE 220 S Hawes. One-story and basement frame dwelling.

Owner.....J. Hayes, 1655 Webster, San Francisco.

Architect...None.

Day's work. COST, \$400

SUSTAIN BUILDING WITH PILE AND CONCRETE FOUNDATION.

(2731) S BEACH 100 E Stockton. Pile and concrete foundation.

Owner.....Otis Elevator Co., Prem.

Architect...None.

Contractor...Mahony Bros., Crocker Bldg., San Francisco.
COST, \$1200

FRAME RESIDENCE

(2732) NW HARRISON & NORWICK. One-story and basement frame dwlg.

Owner.....Elythe and Geo. Viereck, 2960 Folsom, S. F.

Architect...None.

Day's work. COST, \$850

EXCAVATE AND REPAIR WALL

(2733) 1732 WASHINGTON. Excavate and repair wall.

Owner.....Lily Middleton, Premises.

Architect...None.

Contractor...H. L. Hatch, 4439 Geary, San Francisco.
COST, \$300

FRAME RESIDENCE

(2734) E SIXTEENTH AVE 150 N Balboa. Two-story and basement frame dwelling.

Owner.....M. and H. Nelson, 360 Prospect Ave., S. F.

Architect...E. Oman.

Day's work. COST, \$2750

FRAME COTTAGE

(2735) LOT 22 BLK "E" Map of Additions to Castro Street addition and Glen Park Terrace. Concrete, carpenter, plastering, painting, plumb-

ing, etc., for one-story and basement frame cottage.

Owner.....Hans Helser, 820 14th, San Francisco.

Architect...None.

Contractor...D. Houle, 66 Market, S. F.

Filed Aug. 7, '14. Dated Aug. 6, '14.

Frame up\$366.25

Brown coated 366.25

Completed 366.25

Usual 35 days 366.25

TOTAL COST, \$1465.00

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(2736) LOTS 34 AND 35 BLK "B" Ashbury Park. All work for two-story frame residence.

Owner.....Blanche Freeman, 3119 California, San Francisco.

Architect...None.

Contractor...L. L. Allen, 4525 Mission, San Francisco.

Filed Aug. 7, '14. Dated July —, '14.

Contractor to receive \$5 per day for every day actually employed on said building and in addition thereto 6% of total cost.....

Owner to pay all bills for labor and material upon order of contractor.....

TOTAL COST, not to exceed \$4000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Aug. 6. No. 2703.

BULKHEAD FOR REINFORCED CONCRETE HOSPITAL.

(2737) NE GEARY AND WOOD. Bulkheading and backfilling and bulkheading for two-story and basement reinforced concrete hospital building.

Owner.....S. F. Home for Incurables 1442 Fulton, S. F., by Clinton Fireproofing Co.

Architect...Loring P. Rixford, Sharon Bldg., San Francisco.

Contractor...E. M. Huie & Co., Monadnock Bldg., S. F.

Filed Aug. 7, '14. Dated Aug. 1, '14.

On 1st and 15th of each month 75%

Usual 35 days 25%

TOTAL COST, \$2300

Bond, limit, forfeit, plans and specifications, none.

CLASS "C" STORE AND LOFTS

(2738) W POWELL 76-10 S Sutter W 100-04 S 22-S E 100 N 20-10. All work for two-story Class "C" store and loft building.

Owner.....Hulda E. Floodberg, 437 Bankers' Invest. Bldg., S. F.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...Cameron & Disston, 180 Jessie, San Francisco.

Filed Aug. 7, '14. Dated Aug. 7, '14.

On 1st of each month 75%

Usual 35 days 25%

TOTAL COST, \$2822.50

Bond, \$1414.50. Sureties, Jos. J. Phillips and Wm. R. Rainey. Limit, 80 days. Forfeit, none. Plans and specifications filed.

LATH AND PLASTER APARTMENT BUILDING

(2739) S ELLIS 137-6 W Jones W S2-6 XS 137-6. Lath and plaster and ornamental plaster for apartment bldg.

Owner.....Traders Realty Co., 905 1st National Bank Bldg., S. F.

Architect...J. R. Miller, Lick Bldg., San Francisco.

Contractor...Greenback Plastering Co., 2431 Post, San Francisco.

Filed Aug. 7, '14. Dated Aug. 3, '14.

Payments monthly of 75%

Usual 35 days 25%

TOTAL COST, \$12,150

Bond, \$6212.50. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit \$60. Plans and specifications filed.

BRICK AND CONCRETE PASSENGER STATION

(2740) BLOCK BDED BY THIRD. Fourth, Townsend and King. Masonry, carpenter, sheet metal, iron, plaster, stucco, roofing, glass, glazing, painting, etc., for depot building.

Owner.....Southern Pacific Co., Flood Bldg., San Francisco.

Architect...None.

Contractor...Wm. A. Newsom, Rialto Bldg., San Francisco.

Filed Aug. 7, '14. Dated Aug. 3, '14.

Monthly payments of 75%

Usual 35 days 25%

TOTAL COST, \$59,625

Bond, \$30,000. Surety, National Surety Co. Limit, forfeit, none. Specifications only filed.

SHEET METAL WORK CLASS "C" APARTMENTS

(2741) NW TAYLOR AND SACRAMENTO N 40xW 91-8. Sheet metal work for five-story and basement Class "C" apartments.

Owner.....G. A. Steffen.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...Forderer Cornice Works, 269 Potrero Ave., S. F.

Filed Aug. 7, '14. Dated Aug. 5, '14.

On 1st of month 75%

Usual 35 days 25%

TOTAL COST, \$2300

Bond, \$1115. Surety, National Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2742) HEATING ON ABOVE.

Contractor...Scott Co., 243 Minna, S. F.

Filed Aug. 7, '14. Dated Aug. 5, '14.

Payments same as above.....

TOTAL COST, \$1950

Bond, \$975. Surety, Chicago Bonding & Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2743) ELECTRICAL WORK ON ABOVE.

Contractor...Decker Elec. Co., 111 New Montgomery, S. F.

Filed Aug. 7, '14. Dated Aug. 5, '14.

Payments same as above.....

TOTAL COST, \$1672

Bond, \$836. Surety, Accident & Liability Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(2744) ELEVATOR WORK ON ABOVE

Contractor...Otis Elevator Co., Beach & Stockton, S. F.

Filed Aug. 7, '14. Dated Aug. 5, '14.

Payments same as above.....

TOTAL COST, \$1700

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

EXCAVATION, ETC., FOR BLDG

(2745) N VALLEJO 75 E Filmore. Excavation, grading, concrete foundation and floors.

Owner.....G. P. Fuller, 2250 Vallejo, San Francisco.

Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor...C. C. W. Haun, 313 25th, San Francisco.
COST, \$1500

FRAME RESIDENCE

(2716) N MISSION 26 S Farragut.
One-story and basement frame dwlg.
Owner.....Mrs. Sarah Behan, 3784
Mission, San Francisco.
Architect...None.
Contractor...Carlson & Heglin, 257
Richmond Ave., S. F.
COST, \$900

FRAME RESIDENCE

(2747) E PORTER 75 S Benton. One-
story and basement frame dwelling.
Owner.....John Moore, 17 Roscoe,
San Francisco.
Architect...None.
Day's work.....COST, \$500

UNDERPIN APARTMENTS

(2748) NO. 947 BUSH Underpin
apartments.
Owner.....Ethel Curtaz, 519 Hayes,
San Francisco.
Architect...None.
Day's work.....COST, \$450

REPAIR GARAGE

(2749) NW GROVE AND SCOTT. Re-
pair garage.
Owner.....W. H. Little, Premises.
Architect...None.
Contractor...Western Builders, 24 Irving,
San Francisco.
COST, \$500

ELECTRIC SIGN

(2750) NO. 562 SUTTER. Electric
sign.
Owner.....John F. Shea, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

FRAME RESIDENCE

(2751) W DIAMOND 90 N Arbor. One-
story and basement frame dwelling.
Owner.....G. Watts, 466 Greenwich,
San Francisco.
Architect...Paul F. De Martini, 2123
Powell, San Francisco.
Day's work.....COST, \$1500

CONSTRUCT MARQUISE

(2752) NO. 965 McALLISTER. Con-
struct marquee.
Owner.....Boyd & Smith, McAllister
and Fillmore, S. F.
Architect...None.
Contractor...Jossa Cornice Works,
1942 Masonic, S. F.
COST, \$500

FRAME RESIDENCE

(2753) W TWENTY-THIRD AVE 215
S Ulloa. One and one-half-story and
basement frame dwelling.
Owner.....John F. Haner, 3579 19th,
San Francisco.
Architect...None.
Day's work.....COST, \$1500

FRAME RESIDENCE

(2754) W FOURTH AVE 75 S Anza.
Two-story and basement frame (2)
flats.
Owner.....John F. Haner, 2579 19th,
San Francisco.
Architect...None.
Day's work.....COST, \$3000

FOUNDATION FOR RESIDENCE

(2755) S GREENVICH 171-10 1/2 E
Hyde E 34-4 1/2 x S 137-6. Grading and
concrete for residence.
Owner.....George A. Armes, 1331 4th
Ave., San Francisco.
Architect...T. Patterson Ross, 310
California, San Francisco.

Contractor...H. L. Peterson, 62 Post,
San Francisco.
Filed Aug. 8, '14. Dated Aug. 7, '14.
One-half work done.....\$450
Completed and accepted.....450
TOTAL COST, \$900

Bond, none. Limit, 30 days. Forfeit,
\$5. Plans and specifications filed.

PLUMBING, ETC., CLASS "C" RESI-
DENCE

(2756) NW WASHINGTON AND
Laguna; No. 2301 Laguna. Plumbing
drainage, etc., alterations and addi-
tions to Class "C" dwelling.
Owner.....Mary Ives Crocker, 354
Pine, San Francisco.
Architect...Nathaniel Blaisdell, 255
California, San Francisco.
Contractor...James H. Pinkerton, 2266
Fulton, San Francisco.
Filed Aug. 8, '14. Dated Aug. 6, '14.
Roughing in completed and con-
crete work ready for tiling.....\$550
Completed and accepted.....551
Usual 35 days.....367
TOTAL COST, \$1468

Bond, \$731. Sureties, Herman Lawson
and R. J. O'Brien. Limit, 60 days from
recording. Forfeit, \$20. Plans and
specifications filed.

MARBLE WORK CLASS "A" HOTEL

(2757) SE GEARY AND TAYLOR S
137-6x E 87-6. Marble work and cer-
tain metal work for 12-story and
basement Class "A" hotel building.
Owner.....Clift Realty Co. by P. J.
Walker Co., Agents, 1st
National Bank Bldg., S. F.
Architect...G. A. Applegarth, Call
Bldg., San Francisco.
Contractor...American Marble & Mo-
saic Co., 25 Columbia Ave.,
San Francisco.

Filed Aug. 8, '14. Dated Aug. 7, '14.
Payments semi monthly of.... 75%
36 days after.....25%
TOTAL COST, \$8800
Bond, \$4100. Surety, Globe Indemnity
Co. Limit, 50 days. Forfeit, \$50. Plans
and specifications filed.

(2758) VACUUM CLEANER EQUIP-
ment on above.

Contractor...G. C. Collins, 21 Dame,
San Francisco.
Filed Aug. 8, '14. Dated Aug. 7, '14.
Payments same as above.....
TOTAL COST, \$1750
Bond, \$900. Surety, Massachusetts
Bonding & Insurance Co. Limit, Jan. 1,
1915. Forfeit, \$50. Plans and speci-
fications filed.

(2759) PAINTING, VARNISHING,

tinting and papering, etc., on above.
Contractor...L. J. Neal, 461 Hayes, S. F.
Filed Aug. 8, '14. Dated Aug. 7, '14.
Payments same as above.....
TOTAL COST, \$7300
Bond, \$3950. Surety, The Aetna Acci-
dent & Liability Co. Limit, Jan. 15,
1915. Forfeit, \$50. Plans and speci-
fications filed.

COMPLETION NOTICES.

San Francisco.

Aug. 1, 1914—W BAKER 62-6 S Fil-
bete S 25xW 87-6. Louis Cuneo to
whom it may concern. July 31, 1914
Aug. 1, 1914—N CASELLI AVE 25 E
Clover E 25xN 62. Lucie and John
H or J H Moller to L A Secor.....
.....July 31, 1914
Aug. 1, 1914—W FORTIETH AVE 175
S Lincoln Way 25x120. Peter

Michel to Geo V McCausland.....

.....August 1, 1914
Aug. 1, 1914—E FILLMORE 200 N
Chestnut E 3272.25 — 487.50 W
3272.25 S 487.50; SW Chestnut and
Fillmore N 200xW 1650. Panama-
Pacific International Exposition Co
to Flinn & Treacy.....July 27, 1914
Aug. 3, 1914—N MARKET 49-9 1/2 E
Page E 27-1 1/2 N 112-0 1/2 W 22 S
parallel with Franklin 127-10 1/2.
Augustin S Macdonald to Charles
B Hadley.....July 24, 1914
Aug. 3, 1914—N RIVOLI 100 E Stan-
yan E 25xN 100. Emil Nelson to
whom it may concern.....Aug. 3, 1914
Aug. 3, 1914—N GREEN 166-3 W
Larkin W 28-9xN 145. Thomas F
Barry to Thomas F Barry.....
.....August 3, 1914
Aug. 3, 1914—SW NINTH AVE AND
Judah S 100xW 57-6. Parnassus
Hall Association to Thomas A Cavan-
agh.....July 24, 1914
Aug. 3, 1914—NE RANDOLPH AND
Arch E 50xN parallel with Arch
100; Lots 7 and 8 Blk 30. City Land
Association. Helen P Swan to J C
Stromswold.....July 25, 1914
Aug. 4, 1914—S LAKE 82-6 E 24th
Ave E 50xS 100. Geo C and Helen
M Sargent to Fred J H Rickon.....
.....Aug. 3, 1914
Aug. 4, 1914—LOT 26 BLK 22 Forest
Hill. J S Malloch to J S Malloch.....
.....July 31, 1914
Aug. 4, 1914—N LAKE 30 W Seventh
Ave W 28xN 75. Fred Rottger to
whom it may concern.....Aug. 1, 1914
Aug. 4, 1914—E TWENTY-SECOND
Ave 225 N California N 25xE 120.
Jas Welsh to James Welsh & Co.....
.....July 31, 1914
Aug. 4, 1914—E SEVENTH AVE 25 S
Kirkham (K) S 50xE 95. A J
Ralsch to Cox Bros.....Aug. 3, 1914
Aug. 4, 1914—SE BRODERICK AND
Lewis E 412.50xN 250 m or l. Pan-
ama-Pacific International Expositi-
on Co to Hyde Harjes & Co, Inc.
.....July 30, 1914
Aug. 4, 1914—SE DUBOCE AVE AND
Walter. E J or Edw J McDonald
to Schroeder & McIntosh.....July 31, 1914
Aug. 4, 1914—JACKSON NOS. 1446-
1448-1450. L S and Melia Church
to J Eric Johanson.....Aug. 3, 1914
Aug. 4, 1914—W WEBSTER 112-6 S
Ellis. Sarah Mintz and Harry
Abramson to John J Binet Co.....
.....July 29, 1914
Aug. 5, 1914—E CONNECTICUT 125
S 18th S 25 N 100 E 25 W 100.
Franz Rettig and Anna Rettig to
whom it may concern.....Aug. 1, 1914
Aug. 5, 1914—E TWENTY-SECOND
Ave 325 N Clement N 25xE 120. M
F Nolan to whom it may concern
.....Aug. 5, 1914
Aug. 5, 1914—N ORTEGA 32-6 W 8th
Ave W 25xN 100. Guerrero Realty
Co to Edwin Anderson and John
Carlson.....Aug. 4, 1914
Aug. 5, 1914—NE SIXTEENTH AND
Mission N 260xE 240 m or l. Henry
Invest Co to Jas S Fennell. Aug. 4, '14
Aug. 5, 1914—S CLAY 30 E Taylor 25x
89-9. John Dempnick to whom it
may concern.....Aug. 5, 1914
Aug. 6, 1914—N BUSH adj E side
Mills Bldg 68-9 on Bush. Ogden
Mills to Palace Hardware Co.....
.....July 25, 1914
Aug. 6, 1914—NE COTTER 75 SE
Alemany Ave SE 25xNE 100 ptn
Lots 124, 125 Blk 6 Academy.
Michael McDonough to whom it
may concern.....Aug. 6, 1914
Aug. 6, 1914—W SANCHEZ 86 S 25th

28x76-9. Bridget J Carmody to Ruegg Bros. Aug. 6, 1914
 Aug. 7, 1914—N GOLDEN GATE AVE 43-4 E Pierce; No. 1481 Golden Gate Ave. Mr H and Mrs M H Dooley to Anderson & Co. Aug. 7, 1914
 Aug. 7, 1914—W TWENTY-FIFTH AVE 125 N Irving N 25xW 120. Havard & Hill to whom it may concern. Aug. 4, 1914
 Aug. 7, 1914—S GREEN 205 W Desvadero S 137-6xW 35. Mrs Mary P Spalding to William Martin. August 5, 1914
 Aug. 7, 1914—W LARKIN 72-6 N Mission N 25xW 93-4. E H Hildebrand to Walters & Pierson. August 6, 1914
 Aug. 7, 1914—N GREEN 116-33 W Jones W 47xN 120 to Macondray. John McGaw to The Hill Bros Co. July 24, 1914
 Aug. 7, 1914—E TWENTIETH AVE 75 S Geary (Pl. Lobos Ave) S 25x E 99. Joseph C Kirby to whom it may concern. Aug. 7, 1914

LIENS FILED.

San Francisco.

Aug. 1, 1914—W EIGHTEENTH AVE 125 N Clement N 25xW 120 (Record 67 lns 203). Ernest and Albin Warden (as Warden Bros) vs E F Helms. \$100
 Aug. 1, 1914—W FORTY-EIGHTH AVE 250 S Irving S 75xW 120. Columbia Lumber Co vs Ida M Cambridge and Geo V McCausland. \$1256.20
 Aug. 1, 1914—W FORTY-EIGHTH AVE 250 S Irving S 75xW 120; N Judah 137-6 E 48th Ave E 50xN 100. J H Kruse vs Ida M Cambridge & Geo V McCausland. \$750.52
 Aug. 3, 1914—N MISSION 342-43 W Seventh W 31-74xN 165. Thomas G Wyatt and Chas Wyatt (as Wyatt Bros) vs Neil A McLean and Talbot Investment Co. \$187.50
 Aug. 4, 1914—S GEARY 137-6 E Mason E 112-6xS 137-6. Wyatt Bros vs Neil A McLean and Stewart Est Co. \$499.50
 Aug. 5, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Fibrestone & Roofing Co vs Stewart Estate Co and Neil A McLean. \$248
 Aug. 5, 1914—S GEARY 137-6 E Mason E 37-6xS 137-6. Taylor & Co. \$1758.10; W P Fuller, \$1876.47 vs Stewart Est Co & Neil A McLean
 Aug. 6, 1914—N ARAY 120 E Twin Peaks Ave. O Chua vs W D Lambert and Geo C Wright. \$100
 Aug. 6, 1914—S GEARY 137-6 E Mason E 75xS 137-6. R Ringrose and James Ringrose (as R Ringrose & Son) vs Chas A Stewart and Neil A McLean. \$584.92

NOTICE OF NON-LIABILITY.

Aug. 3, 1914—W BRYANT AND MAIN SW 20xNW 65. William G Watson Trustee S Clinton Hastings Trust Estate and Isabel Sprague, Trustee W T Wallace Trust Estate as to improvements on leased property..

ABANDONMENT OF CONTRACT.

Aug. 3, 1914—E RAUSCH 100 S Howard releasing contract filed May 26, 1914. Julius Sivberly with J W Overton. Released Aug. 3, 1914

NOTICE OF NON-RESPONSIBILITY.
 Aug. 5, 1914—NW POTREIRO AVE & Mariposa N 100x W100. The John Center Co as to improvements on leased property.
 Aug. 8, 1914—LOT 13 BLK 8 De Boom Tract. Fanny C Haseltine, Emma M Witzel and Camilla R Ernst fmlly Camilla R De Boom as to improvements on leased property...

OAKLAND AND ALAMEDA COUNTY.

WAREHOUSE—5 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect's name not given. Owner, Beekin Van and Storage Co., 190 Otis street, S. P. The building will be erected at the corner of 22nd and Grove streets and will cover a considerable ground area. Construction will be fireproof throughout with concrete walls, floors and roof slabs. Interior partitions will be of concrete and hollow tile. Separate compartments will be provided for storage. Plans provide for elevator service. Exterior of the building will be faced with cement plaster. Bids will probably be taken by the owners.

FLATS—2 story and base, frame, \$6,500. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, J. Somps. The building will be erected on Lake Shore avenue near Rand, and has been designed for an apartment flat building. Interior will contain a number of three and four room flats. Pine and hardwood veneer will be used for interior finish. Oak floors will be specified. There will be open fire places and tile mantels. Each flat will have a private bath finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans have been received and new figures will be taken at once.

HOTEL—2 story and base, reinforced concrete, \$15,000. Oakland, Cal. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on Webster street and has been designed to contain four stores on the first floor and in the neighborhood of twenty rooms on the upper floor. Interior will be finished in pine and redwood. There will be several baths with tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

DORMITORY—2 story and base, brick and concrete. Cost not stated. Decoto, Alameda Co., Cal. Architect, Humphreys, Wells-Fargo Bldg., S. F. Owners, Masonic Home. Bids opened for this work show Thomas Day's Sons and R. P. Hurbut Co. the low men. A contract has not been awarded but will be within a few days.

BUNGALOW—1 story and base, frame, \$2,000. Oakland, Cal. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, W. H. Picard. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Hardy street near Claremont avenue. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be

used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$12,000. Oakland, Cal. Architect, Robert L. Holt, 2143 Center street, Oakland. Owner, Dr. David Hadden. The dwelling will be erected in Rock Ridge Park, and has been designed to contain ten rooms, three baths and sleeping porch. A garage will also be erected on the property. Interior will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat, a hot water supply and open fire places. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will be finished in tile. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

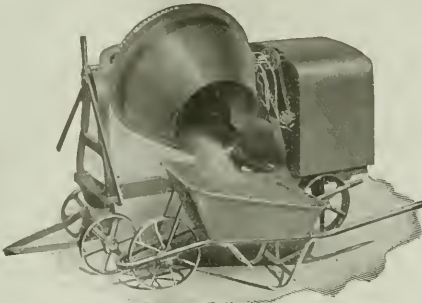
RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Harold Havens. The dwelling will be erected on North Cragmont and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. B. Spitzer, 2154 Ashby avenue, Berkeley. The dwelling will be erected on Oxford street east of Indian Rock avenue, and will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. L. Eschbacher. The dwelling will be erected on Fairbanks avenue and has been designed to contain seven rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$6,000. Berkeley, Alameda Co., Cal. Architect, Frank S. Forster, 1417 Arch street, Berkeley. Owner Leandro Campanari. The dwelling will contain eight rooms, two baths and sleeping porch. Interior finish will be of pine, white enamel and elm. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will

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be of tile or brick. An automatic water heater will be installed. Bath rooms will have tile floors and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

STORES—1 story and base, brick. Cost not stated. Oakland, Cal. Architect, Milton Lichtenstein, 111 Ellis Street, S. F. Owner, Jesse Steinhart, Monadnock Bldg., S. F. This building will contain a number of modern stores finished in pine and hardwood. There will be patent store fronts and plate glass windows. Plans are complete and in the hands of the owner who will do the work by Day Labor.

THEATRE—1 story and base. Class C construction, \$25,000. Alameda, Alameda Co., Cal. Architect, Herman Barth, 12 Geary street, S. F. Owner represented by Mr. Bender, International Banking Corporation, S. F. The building will be erected on a corner and will contain a main auditorium seating 650 people. The building will have a frontage of 50 feet and a depth of 150 feet. Interior will be finished in pine with ornamental plaster. A

modern system of ventilation will be installed. Exterior will be faced with cement plaster. Plans are complete and in the hands of Mr. Bender who will take all figures.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
1935	Klimax	Temple	400
1934	Hansen	Schwartz	1505
1935	Strang	Strang	1600
1936	Strang	Strang	1600
1937	Smith	Smith	2000
1943	Flathmann	Flathmann	3500
1945	Bennett	Wells	1250
1946	Richards	Russell	1500
1947	Madison	Madison	1000
1957	Ramfome	Valente	1500
1958	Settles	Moore	2500
1959	Anderson	Anderson	800
1960	Rivers	Gustafson	1000
1961	O'Connell	O'Connell	2000
1962	Norris	Norris	1700
1963	Farrell	Walsh	385
1964	Spencer	Spencer	1000
1965	Highton	Highton	1500
1967	Watkinson	Jones	200
1968	Hayes	Jones	200
1969	Riordan	Prose	10000
1971	Jackson	Silvrman	6348
1972	Anderson	Anderson	480
1973	Wheeler	Stewart	2400
1974	Tillman	Peterson	1800

1975	Viers	Sheridan	1600
1976	McCashin	Baxter	400
1977	Sequeira	Fletner	1580
1978	Ugland	Kiepd	3250
1981	Furney	Furney	3007
1983	Mason	Lee	350

ALTERATIONS—FRAME

(1933) NO. 3421 SALISBURY, Oakland.
Alterations and additions.
Owner.....A. J. Klimax, Premises.
Architect...None.
Contractor..J. Temple, 2734 Persimmon
Oakland.

COST, \$400

FRAME RESIDENCE

(1934) E EIGHTY-FIFTH AVE 240 N Orchard, Oakland. One-story four-room dwelling.
Owner.....John Hansen, 1492 81st Ave
Oakland.

Architect...None.
Contractor..C. S. Schwartz, Hayward,
Cal.

COST, \$1500

FRAME RESIDENCE

(1935) E ELSTON AVE 83 S 38th, Oakland. One-story 5-room dwelling.
Owner.....V. N. Strang, 1521 9th, Ala.
Architect...None.

Day's work.

COST, \$1600

FRAME RESIDENCE

(1936) E ELSTON 155 S 38th, Oakland. One-story 5-room dwlg.
Owner.....V. N. Strang, 1521 9th, Ala.
Architect...None.

Day's work.

COST, \$1600

FRAME RESIDENCE

(1937) S WALNUT AVE 100 E Courtland, Oakland. One-story 6-room dwelling.
Owner.....O. G. Smith, 4411 Walnut
Ave, Oakland.

Architect...None.

Day's work.

COST, \$2000

FRAME RESIDENCE

(1943) SW LEACH AND EVERETT Aves., Oakland. All work for two-story and basement frame dwelling.
Owner.....Lily B. Flathmann, 741
Adeline, Oakland.

Architect...A. Volswinkler, 443 Linden Ave., San Francisco.

Contractor..John H. Flathmann, Okd.

Filed Aug. 3, '14. Dated Aug. 3, '14.

Fram up and enclosed..... ¼

Brown coated ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$2500

Bond, none. Limit, 60 days. Forfeit.

none. Plans and specifications filed

FRAME RESIDENCE

(1945) S FORTY-FIFTH 70 W Market, Oakland. One-story four-room dwelling.

Owner.....T. Bennett, 406 49th, Okd.

Architect...None.

Contractor..W. B. Wells, 2106 Leise Ave., Oakland.

COST, \$1250

ALTER RESIDENCE

(1946) NO. 505 VERNON, Oakland.

Alterations.

Owner.....Mrs. Cora Richards, Prem.

Architect...None.

Contractor..J. A. Russell.

COST, \$1500

FRAME RESIDENCE

(1947) E FORTY-FIFTH 600 W Broadway, Oakland. One and one-half-story three-room dwelling.

Owner.....Christ Madison, 926
Jameston Ave., S. F.
Architect...None.
Day's work. COST, \$1000

FRAME RESIDENCE
(1957) S WOLTAIRE AVE 175 E
100th Ave., Oakland. One-story 4-
room dwelling.
Owner.....M. Ramfome, Oakland.
Architect...None.
Contractor...M. E. Valente, 5882 Valjejo
Oakland. COST, \$1590

FRAME RESIDENCE
(1958) S WALNUT AVE 165 E Ren-
wick, Oakland. One-story 9-room
dwelling.
Owner.....J. E. Settles, 1540 Broad-
way, Oakland.
Architect...None.
Contractor...R. E. Moore, 1540 Broad-
way, Oakland. COST, \$2500

FRAME RESIDENCE
(1959) W EASTMAN AVE 250 S Suter,
Oakland. One-story 4-room
dwelling.
Owner.....A. Anderson, 3131 East-
man, Oakland.
Architect...None.
Day's work. COST, \$800

ALTER BUILDING
(1960) NO. 1109 FILBERT, Oakland.
Alterations.
Owner.....Mrs. Ida Rivers, 1029 Fil-
bert, Oakland.
Architect...None.
Contractor...Alfred Gustafson, 2644
Harrison, Oakland. COST, \$1000

FRAME RESIDENCE
(1961) E MANILA AVE 71 N Moss
Ave., Oakland. One-story five-room
dwelling.
Owner.....D. A. O'Connell, 3766 Ma-
nila Ave., Oakland.
Architect...A. W. Smith, 1010 Broad-
way, Oakland.
Contractor...J. O. O'Connell, 2766 Dia-
mond, Oakland. COST, \$2000

FRAME RESIDENCE
(1962) E RICHMOND AVE 165 S 29th,
Oakland. One-story 6-room dwlg.
Owner.....Mrs. L. Norris, 2828 Rich-
mond Ave., Oakland.
Architect...None.
Contractor...J. Norris, 2828 Richmond
Ave., Oakland. COST, \$1700

FRAME RESIDENCE
(1963) N WALNUT 275 E 92nd Ave.,
Oakland. One-story 3-room dwlg.
Owner.....John Farrell, 990 59th, Okd
Architect...None.
Contractor...M. J. Walsh, 2635 Adeline,
Oakland. COST, \$385

FRAME RESIDENCE
(1964) S FIFTY-NINTH 100 E Dover,
Oakland. One-story 4-room dwelling
Owner.....G. M. Spencer, San Leandro
Architect...None.
Day's work. COST, \$1000

FRAME RESIDENCE
(1966) S QUIGLEY 50 E 38th Ave.,
Oakland. One-story 5-room dwlg.
Owner.....Herbert Highton, 3909
Quigley, Oakland.
Architect...None.
Day's work. COST, \$1500

ALTER RESIDENCE
(1967) NO. 355 TWENTY-EIGHTH,
Oakland. Alterations.
Owner.....Mrs. J. H. T. Watkinson,
Premises.
Architect...None.
Contractor...F. G. Jones, 1217 Webster,
Oakland. COST, \$300

ALTER BUILDING
(1968) NO. 545 EIGHTH, Oakland.
Alterations.
Owner.....Mrs. Hayes, Premises.
Architect...None.
Contractor...F. G. Jones, 1217 Webster,
Oakland. COST, \$300

FRAME CHURCH
(1969) NE SIXTY-SECOND AVE AND
Orion, Oakland. Frame Church.
Owner.....Rev. P. W. Riordan, 1109
Franklin, San Francisco.
Architect...G. McCrea, Redwood Road
Oakland.
Contractor...E. D. Prose, 1350 60th Ave.
Oakland. COST, \$10,000

FRAME RESIDENCE
(1971) PTN LOTS 129 AND 130 Crock-
er Highlands, Oakland. All work
for two-story and basement eight-
room dwelling.
Owner.....Henry E. Jackson, 520
Kirkham, Oakland.
Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly.
Contractor...Oscar Sairanen, 1142 Addi-
son, Berkeley.
Filed Aug. 6, '14. Dated—
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$6248
Bond, \$2174. Sureties, J. W. Swift and
R. C. Wilcox. Limit, 90 days. Forfelt,
none. Plans and specifications filed.

FRAME RESIDENCE
(1972) NO. 1133 E-SEVENTEENTH,
Oakland. One-story 3-room dwelling.
Owner.....M. Anderson, Premises.
Architect...None.
Day's work. COST, \$480

FRAME RESIDENCE
(1973) W WEST 125 N 41st, Oakland.
One-story 5-room dwelling.
Owner.....Mary L. Wheeler, Oakland
Architect...None.
Contractor...B. A. Stewart, 616 41st,
Oakland. COST, \$2400

FRAME RESIDENCE
(1974) W FAIRFAX AVE — N Ygnacio
Oakland. One-story 5-room dwlg.
Owner.....H. F. Tillman and wife,
Oakland.
Architect...None.
Contractor...T. S. Peterson, 6455 Boule-
vard, Oakland. COST, \$1800

FRAME RESIDENCE
(1975) S GILLMAN 100 W Everett,
Oakland. One-story 5-room dwlg.
Owner.....L. H. Viers, 449 49th, Okd.
Architect...None.
Contractor...K. M. Sheridan, 1020
Broadway, Oakland. COST, \$1600

ALTER RESIDENCE
(1976) NO. 380 STATEN AVE., Oak-
land. Alterations.

Owner.....Lillian McCaslin, Prem.
Architect...None.
Contractor...D. Baxter, 2321 Summit,
Oakland. COST, \$400

FRAME RESIDENCE
(1977) E TWENTY-FOURTH AVE
100 S E-15th, Oakland. One-story 5-
room dwelling.
Owner.....E. Sequeria, 2432 E-14th,
Oakland.
Architect...None.
Contractor...Jos. Flittner, 1700 35th
Ave., San Francisco. COST, \$1580

STORE AND FRAME APARTMENT
ADDITION
(1978) N E-FOURTEENTH 130 W 2nd
Ave., Berkeley. Three-story frame
store and apartments addition.
Owner.....C. C. Ugland, 132 E-14th,
Oakland.
Architect...Hutchinson Bros., 470 13th
Contractor...Erick Klepp, 1436 Peralta,
Oakland. COST, \$5350

FRAME RESIDENCE
(1981) W MAGEE AVE 155 N Kansas,
Oakland. One and one-half-story 2-
room dwelling.
Owner.....O. A. Furney, 77 Nevada
Ave., San Francisco.
Architect...None.
Day's work. COST, \$300

ADDITION TO BUILDING
(1983) NO. 716 CALMAN AVE., Oak-
land. Addition.
Owner.....C. B. Mason, Premises.
Architect...None.
Contractor...W. H. Lee, 2331 Magnolia,
Oakland. COST, \$350

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
1944	Clark	Nelson	4050
1948	United Home	Owner	1500
1949	Mellien	Mellien	1500
1950	Hill	Hill	400
1951	Warschaner	Texdahl	2050
1952	Pinkerton	Pinkerton	1700
1953	Spitler	Spitler	3000
1954	Miller	Kidder	7500
1955	Vaughn	Kaler	1500
1956	Nazarene Ch.	Biddall	1500
1970	Wilson	Gensier	4385
1979	Weir	Weir	1500
1980	Thiess	Oates	3250
1982	Wingate	Goranson	2200
1984	Holt	Anderson	3200

FRAME RESIDENCE
(1914) N 20 LOT 7 and S 20 Lot 6 Bk
1, Graves and Taylor Tract, Ber-
keley. All work for two-story 6-
room dwelling.
Owner.....Frank S. and Dora A.
Clark, 1552 Shattuck Ave.,
Berkeley.

Architect...None.
Contractor...Patrick-Nelson Bldg. Co.,
Berkeley.

Filed Aug. 3, '14. Dated July 31, '14.
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, \$4950
Bond, none. Limit, 70 days. Forfelt,
none. Plans and specifications filed.

FRAME RESIDENCE
(1918) E BAKER 360 N Prince, Ber-
keley. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.
 Architect...None.
 Day's work.....
 COST, \$1500

FRAME RESIDENCE
 (1914) E McKinley 80 N Channing Way, Berkeley. One-story 4-room dwelling.

Owner.....E. P. Mellien.
 Architect...None.
 Day's work.....
 COST, \$1500

ADDITION TO RESIDENCE
 (1950) N CHANNING WAY 60 E Browning, Berkeley. Addition.
 Owner.....John Hill, 1227 Channing Way, Berkeley.
 Architect...None.
 Day's work.....
 COST, \$400

FRAME RESIDENCE
 (1951) W MILVIA 200 N Rose, Berkeley. One-story 6-room dwelling.
 Owner.....Amanda S. Wagschaner, Cor. Blake & Grant, Bkly.
 Architect...None.
 Contractor...C. Texdahl, 3035 Harper, Berkeley.
 COST, \$2050

FRAME RESIDENCE
 (1952) E SPAULDING 200 N Channing, Berkeley. One-story five-room dwelling.
 Owner.....J. A. Pinkerton, 1931 Berryman, Berkeley.
 Architect...None.
 Day's work.....
 COST, \$1760

FRAME RESIDENCE
 (1953) N OXFORD 240 E Indian Rock Ave., Berkeley. Two-story 8-room dwelling.
 Owner.....E. B. Spittler, 2154 Ashby Ave., Berkeley.
 Architect...None.
 Day's work.....
 COST, \$3000

CLASS "C" BAKERY
 (1954) W ADDISON 306 E Milvia, Berkeley. One-story 6-room Class "C" bakery.
 Owner.....C. H. Miller, Berkeley.
 Architect...None.
 Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
 COST, \$7500

FRAME RESIDENCE
 (1955) N DERRY 40 E Mable, Berkeley. One-story 4-room dwelling.
 Owner.....C. C. Vaughn, 1606-A Derby, Berkeley.
 Architect...None.
 Contractor...G. Kaler, 10036 Penniman Oakland.
 COST, \$1500

FRAME RESIDENCE
 (1956) W MCKINLEY AVE 75 S Bancroft Way, Berkeley. One-story five room dwelling.
 Owner.....Trustees of Nazarene Church, Premises.
 Architect...None.
 Contractor...E. E. Biddall, Clerk, 1722 Hearstave, Berkeley.
 COST, \$1500

ELECTRIC WORK FOR THEATRE
 (1970) LOTS 7 AND 8 BLAKE TRACT No. 3, Berkeley. Electric wiring, fixtures, lamps, bells and telephone system for two-story Class "C" theatre.
 Owner.....Frank M. Wilson & John Muldoon, 2400 Ridge Road, Berkeley.
 Architect...A. W. Cornelius, Mer-

chants' National Bk. S. W.
 Contractor...J. Gensler, 312 12th, Okd.
 Filed Aug. 6, '14. Dated Aug. 5, '14.
 1st and 15th day of each month 75%
 Usual 35 days.....25%
 TOTAL COST, \$1385
 Bond, \$2193. Surety, Pacific Coast Casualty Co. Limit, 5 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
 (1979) W SPAULDING AVE 274 S Channing Way, Berkeley. One-story five-room dwelling.
 Owner.....James Weir, 2418 Spaulding Ave., Berkeley.
 Architect...None.
 Day's work.....
 COST, \$1500

FRAME RESIDENCE
 (1980) S ELBERT 200 W Everett Ave Berkeley. Two-story 9-room dwlg.
 Owner.....Rev. J. H. Theiss, 959 12th Oakland.
 Architect...F. D. Boese, 45 Kearny, San Francisco.
 Contractor...Oates & McChesney.
 COST, \$3250

FRAME RESIDENCE
 (1982) N HOPKINS 214 W Josephine, Berkeley. One-story 6-room dwlg.
 Owner.....Donald P. Wingate.
 Architect...None.
 Contractor...H. Goranson, 431 48th, Oakland.
 COST, \$2300

FRAME RESIDENCE
 (1984) LOT 5 BLK 2 Colusa Ave Ext. Tract, Berkeley. All work for two-story and basement frame dwelling.
 Owner.....Grace A. Holt, wf Robert L. Holt, 2143 Center, Bkly.
 Architect...Robert L. Holt, 2143 Center, Berkeley.
 Contractor...J. J. Anderson, 1732 9th, Berkeley.

Filed Aug. 8, '14. Dated Aug. 8, '14.
 Frame up roof sheathing..... 1/4
 Plastering and shingling completed..... 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$3200
 Bond, none. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Am't.
1938	Zetterberg	Swenson	960
1939	Fletcher	Fletcher	2450
1940	Same	Same	2450
1941	Same	Same	2450
1942	Same	Same	2450
1945	Anderson	Johnson	2800

ALTER RESIDENCE
 (1938) NO. 2065 ALAMEDA AVE., Alameda. Alter dwelling.
 Owner.....John Zetterberg, 1358 48th Ave., San Francisco.
 Architect...None.
 Contractor...L. Swenson, 2247 Encinal Ave., Alameda.
 COST, \$960

FRAME RESIDENCE
 (1939) E PARK AVE 75 N Encinal, Alameda. One-story 5-room dwlg.
 Owner.....Fletcher & Winlund, 307 Plaza Bldg., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2450

FRAME RESIDENCE
 (1940) E PARK AVE 112 1/2 N Encinal, Alameda. One-story 5-room dwlg.
 Owner.....Fletcher & Winlund, 307

Plaza Bldg., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2450

FRAME RESIDENCE
 (1941) E PARK AVE 37 1/2 N Encinal, Alameda. One-story 5-room dwlg.
 Owner.....Fletcher & Winlund, 307 Plaza Bldg., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2450

FRAME RESIDENCE
 (1942) NE PARK & ENCINAL AVES., Alameda. One-story 5-room dwlg.
 Owner.....Fletcher & Winlund, 307 Plaza Bldg., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2450

FRAME STORE AND RESIDENCE
 (1965) SE FIFTH AND LINCOLN Ave., Alameda. Concrete, lumber, hardware, etc., for two-story frame store and living rooms.
 Owner.....D. and Agnes Anderson.
 Architect...G. Fish.
 Contractor...James T. Johnston, John E. E. Branagh and Thos. A. Cuthbertson (Johnston Co.)

Filed Aug. 5, '14. Dated July 28, '14.
 Frame up and roof boards on.... 1/4
 Brown coated, plumbing roughed in..... 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2500

Bond, \$1400. Sureties, J. W. Schouten and J. H. McCullum. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

COMPLETION NOTICES.

Alameda.

Aug. 1, 1914—LOT 44 North Christiana Tract, Albany. Emma Westwood to Charles Westwood.....
July 31, 1914
 Aug. 1, 1914—W PEARL, bet Encinal and Santa Clara; No. 1339 Pearl St. Ala. Edith T Brooks to whom it may concern.....July 24, 1914
 Aug. 1, 1914—LOT 10 BLK "C" Map Waterside Terrace, Ala. Effie E. Stolze to whom it may concern.....
July 31, 1914
 Aug. 3, 1914—S 20 FEET LOT 10 and N 20 feet Lot 9 Bk "H" Map Broadway Terrace, Okd. Wm H Jones to whom it may concern.....
July 31, 1914
 Aug. 3, 1914—LOT 7 BLK 8 Putnam Tract, Okd. Robert and Elizabeth MacNeur to Patrick Nelson Bldg Co.....Aug. 1, 1914
 Aug. 3, 1914—LOT 8 Map A J Snyder's Sbdvn of Telegraph Ave Ppty. Oakland and Berkeley. Mrs R Siler to P H Franks. July 28, 1914
 Aug. 4, 1914—N CHANNING WAY 235 E Ellsworth E 50xN 130. Bkly. D E Bigelow to whom it may concern.....Aug. 3, 1914
 Aug. 4, 1914—S LINCOLN AVE 300 E Walnut E 50xS 217-S. Alameda. A Mathebat to C C Adams.....Aug. 3, 1914
 Aug. 4, 1914—S SANTA CLARA AVE 182 E Union E 50xS 207-6, Ala. Mrs Sophie Lutgen to Powell Bros Constr Co.....July 24, 1914
 Aug. 4, 1914—E CAROLINE 50 S Fair Oaks Ave S 50xE 100, Ala. Edna Merriam to Conrad Roth.....
July 31, 1914
 Aug. 4, 1914—E FOOTHILL BLVD 200.61 N 35th Ave N 50.15 E 137.85

S 50 W 103.93, Okd. The Pacific Telephone & Telegraph Co to W G Thornalley..... July 27, 1914
Aug. 5, 1914—SW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Hubert David Samuel and Thos H Price..... July 31, 1914
Aug. 5, 1914—LOT 5 BLK "E" Map 4th Ave Terrace, Okd. Robert L Hatcher to A T Andersen..... August 3, 1914
Aug. 5, 1914—N DURANT AVE 453.66 E Telegraph Ave E 50xN 130, Bkly. Sarah S B Reed to E A Janssen..... August 4, 1914
Aug. 5, 1914—LOT 89 Map Crocker Highlands, Okd. F A Allard to M E Hopper..... Completed
Aug. 5, 1914—LOT 22 Map Craig Ppty Piedmont. Rosa Maud Reed to Claude B Barton..... Aug. 4, 1914
Aug. 6, 1914—LOT 24 BLK 2 Map Steinway Terrace, Okd. Wm H Sims to whom it may concern..... August 5, 1914
Aug. 6, 1914—W PIEDMONT AVE 100.28 SE Durant Ave W 137.70 S 50 E 145.07 NW 50.54, Bkly. Geo Tasheira to Wm L Boldt..... July 29, 1914
Aug. 6, 1914—LOT 30 BLK 2, Berkeley Heights, Bkly. P A Haviland to Cederborg & Anderson..... August 1, 1914
Aug. 6, 1914—SE JEAN AND ALTA Vista, Oakland Heights, Tract Okd. Marvin M Brown to B A Stewart..... August 1, 1914
Aug. 7, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguere Co to California Plate & Window Glass Co..... Aug. 4, 1914
Aug. 7, 1914—LOT 23 BLK 2097 Map Alden Tract at Temescal, Okl. Angelo Tesio to J W Baughman.....

LIENS FILED.

ALAMEDA COUNTY.

July 22, 1914—E EARLTON 268.40 S Prospect E 100x50, Oakland, J S Haskell vs E Frances Joyce Fisher..... \$31.50
Aug. 1, 1914—N EIGHTY-THIRD Ave 50 SW Birch SW 40xNW 130, Okd. Robt Elliot vs R G and H S Courreges..... \$111.58
Aug. 1, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert P Norling vs W S Bliss and George M White..... \$39
Aug. 3, 1914—W CAMPBELL 54 S 9th S 54xW 102.6, Okd. Downey Cavasso Glass & Paint Co vs Cooper's Atherton M E Zion Church and A Ivanese..... \$45.24
Aug. 4, 1914—SV MONTE VISTA Ave 61.36 NW Pala Ave NW 50xSW 125, Piedmont. Peter Fugel \$170; W P Fuller, \$124 vs W S Bliss.....
Aug. 4, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert Howden vs W S Bliss and George M White..... \$42.20
Aug. 4, 1914—W CAMPBELL 54 S 9th S 54xW 102.6, Okd. John M Dale (Dale & Anderson) vs Coopers African M E Zion Church, J N Torres and J B Rice (Torres & Rice)..... \$132.50
Aug. 6, 1914—LOT 75 Amended Map Alta Piedmont Tract, Geo W Taylor vs W S Bliss and Geo M White..... \$622.81
Aug. 6, 1914—LOTS 339 AND 340 Map Stone Orchard, Stonehurst, Okd. Hogan Lumber Co vs William

Fried \$111.60
Aug. 5, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Hogan Lumber Co, \$1854.12; Germanstone Mfg Co, \$146; S J M Coates, \$79.25; Inland Floor Co, \$240 vs Geo W White and Wm S Bliss..

SAN JOSE AND THE SANTA CLARA VALLEY,

BRIDGE, RETAINING WALL AND DRAINAGE—Cost not stated. Hillsborough, San Mateo Co., Cal. Engineer, City Engineer, 202 Hearst Bldg., S. F. Owners, City of Hillsborough. Bids will be opened on August 18th for constructing a concrete bridge, retaining wall and necessary drainage on the county road near Hillsborough. Plans and specifications can be secured from the City Engineer, Hearst Bldg., S. F., or from the City Clerk, 410 Hollbrook Bldg., S. F.

SCHOOL—1 story, frame and plaster, \$9,000. Montara, San Mateo Co., Cal. Architect, J. B. Ogborn, Richmond. Owners, Montara School District. A new building will be erected at once to replace the school recently destroyed by fire. Plans show a four-room school, and will be finished in pine. Stoves will be used for heating. Composition blackboards will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

ROAD IMPROVEMENT—Cost not stated. Berryessa Road, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Bids will be received by the Board of Supervisors until August 17th for constructing improvements to the Berryessa Road in Road District No. 3. Plans and specifications can be secured from the County Surveyor at San Jose.

INCINERATOR WORK—Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Bids for constructing an incinerator plant were taken under advisement by the City Council. Three bids were received as follows: Migerelini Co., \$7,200; Universal Engineering Co., \$16,000, and Z. O. Field, \$7,965. All bids are in excess of the amount available. At the same meeting a contract was awarded to the Gamewell Co., of San Francisco for installing a new fire alarm system on their bid of \$7,895.00.

SWIMMING TANK AND PERGOLIA—Concrete construction. Cost not stated. Burlingame, San Mateo Co., Cal. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Col. George A. Pope. A large concrete swimming tank with tile bottom and sides will be erected at the country home of Col. Pope. A pergolia and grand stairway will also be constructed. Plans are complete and figures are being taken.

Contracts Awarded.

BRIDGE—Steel and concrete. \$8,922.50. Walnut Creek, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, G. H. Field, San Jose. Contract price, \$8,922.50.

WATER PIPE—\$33.85 per ton. Santa Cruz, Santa Cruz Co., Cal. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Contractors, United States Pipe Co., S. F. Contract price, \$33.85 per ton.

HIGHWAY CONSTRUCTION—\$16.-

162.50. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractor, Daniel Flynn. Contract price, \$16,791.60.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

REPAIR FRAME SCHOOL. COL. MCKINLEY AND FRANCISCO—Bldg 9, Sunnyvale, Santa Clara Co. All work for moving and repairing school house. Owner.....Sunnyvale School District. Architect.....F. D. Woolfe, 1st National Bank Bldg., San Jose. Contractor.....S. F. Bennett, 269 Post St., San Jose.

Filed July 29, '14. Dated July 27, '14. Moved and set.....\$497.00 Work accepted 248.75 Usual 35 days..... 248.75 TOTAL COST, \$995.00 Bond, —, Sureties, M. Blanchard and W. F. Tennant. Limit, none. Forfeit, \$5 a day. Plans and specifications filed.

FRAME RESIDENCE

DOWNER AND ALLEN AVES, part of the Callaghan Ranch, Santa Clara Co. All work for one-story frame residence.

Owner.....M. R. MacAbee, 429 San Salvadore San Jose. Designer.....C. S. Collins, 630 Willow, San Jose. Contractor.....C. S. Collins, 630 Willow, San Jose.

Filed July 20, '14. Dated July 20, '14. Frame up\$484 1st coat plaster on 484 When completed 484 Usual 35 days..... 484 TOTAL COST, \$1936 Bond, none. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

ALTER BUILDING

NO. 308 S-SECOND ST., San Jose. Additions and alterations. Owner.....Harry Hartman, 306 S-2d, San Jose. Architect.....None. Day's work..... COST, \$1000

ALTER INTO APARTMENTS

POPLAR AND GEORGE STS., San Jose. Alterations into apartments. Owner.....A. A. Silver, Premises. Architect.....F. Wolf, 1st National Bk. Bldg., San Jose. Contractor.....A. A. Silver, Premises. COST, \$1300

ALTER BUILDING

NO. 703 S-SECOND ST., San Jose. Alterations. Owner.....M. Scherle, Premises. Architect.....None. Day's work..... COST, \$1600

FRAME COTTAGE

PALM, bet. Oak and Va. St., San Jose. Five-room cottage. Owner.....G. Zicavidi, — Orchard St., San Jose. Architect.....None. Contractor.....F. Savio, 44 N-River St., San Jose. COST, \$1000

FRAME COTTAGE

TWENTY-SECOND, bet Jefferson and Franklin, San Jose. Five-room cottage.

Owner.....Theo. Heller, 132 N-Third
St., San Jose.
Architect...None.
Day's work. COST, \$1300

SLEEPING PORCH
SW TENTH AND SAN CARLOS STS.,
San Jose. Sleeping porches.
Owner.....Dr. D. E. Nash, Premises.
Architect...None.
Contractor...J. H. Miller, 1041 S-2nd
St., San Jose. COST, \$700

FRAME COTTAGE
NO. 240 TWENTY-THIRD ST., San
Jose. Four-room cottage and sleep-
ing porch.
Owner.....Mary E. Akers, 224 S-23rd
St., San Jose.
Architect...None.
Day's work. COST, \$1300

FRAME STORES AND APARTMENTS
COR. LOCUST AND SAN FERNANDO
STs., San Jose. Two-story stores and
apartments.
Owner.....F. Chisappe, 396 W-San
Fernando St., San Jose.
Architect...L. T. Lenzen, 110 S-Second
St., San Francisco.
Contractor...T. J. Scherebeck.
COST, \$8000

FRAME RESIDENCE
THIRD LOT N OF WASHINGTON ON
17th St., San Jose. Six-room cottage
and garage.
Owner.....R. M. Chartier, San Jose.
Architect...None.
Contractor...D. A. Chartier, 95 S-13th
St., San Jose. COST, \$2000

FRAME RESIDENCE
NO. 337 S-FIFTEENTH ST., San Jose.
Six-room cottage.
Owner.....T. K. Malby.
Architect...None.
Contractor...C. Rasmussen, 100 N-5th
St., San Jose. COST, \$2000

FRAME RESIDENCE
NO. 58 S-SIXTH ST., San Jose. Six-
room cottage.
Owner.....Nortrage Bros., 221 S-Me-
Laughlin St., San Jose.
Architect...None.
Day's work. COST, \$2000

FRAME RESIDENCE
NO. 629 N-SAN PEDRO ST., San Jose.
Six-room cottage.
Owner.....J. K. Owsley.
Architect...None.
Day's work. COST, \$1700

FRAME RESIDENCE
SECOND LOT N OF WASHINGTON,
San Jose. Five-room cottage.
Owner.....W. E. Woodhams, 16 N-2d
St., San Jose.
Architect...None.
Contractor...C. W. Wright, 44 Edwards
Ave., San Jose. COST, \$1600

REPAIR RESIDENCE
FIRST AND REECE, San Jose. Repair
residence.
Owner.....L. H. Moys.
Architect...Akins & Richards, Thea-
tre Bldg., San Jose.
Contractor...R. Wenk, 9th and Keys
Sts., San Jose. COST, \$1000

REPAIR RESIDENCE
NO. 491 N-EIGHTH ST., San Jose. Re-
pairs.
Owner.....S. De Carlo.
Architect...None.
Day's work. COST, \$300

ADDITION TO SANITARIUM
NINETEENTH & SANTA CLARA STS.,
San Jose. Addition and remodeling
roof.
Owner.....Garden City Sanitarium.
Architect...None.
Day's work. COST, \$200

FRAME RESIDENCE
NEAR COR. GRANT AND LIBERTY
STs., 56x93 on Grant, Santa Clara. All
work for frame bungalow.
Owner.....L. Bacigalupi, 901 Grant
St., Santa Clara.
Architect...Chas. Fantoni, 916 Kearny
St., San Francisco.
Contractor...F. J. Marquardt, Santa
Clara.

Filed July 27, '14. Dated July 25, '14.
Frame up\$799.62½
When plastered 799.62½
When completed 799.62½
Usual 35 days 799.62½
TOTAL COST, \$3198.50
Bond, \$1600. Sureties, H. R. Roth and
J. G. Luebben. Limit, 90 days. For-
feit, \$5 per day. Plans and specifica-
tions filed.

FRAME RESIDENCE
NO LOCATION GIVEN, San Jose. All
work for frame house.
Owner.....M. W. Williams, San Jose.
Architect...A. P. Hill, Elks' Bldg.,
San Jose.
Contractor...P. E. Peterson, 722 S-5th
St., San Jose.
Filed July 25, '14. Dated July 18, '14.
Frame up ¼
1st coat plaster on ¼
When completed ¼
Usual 35 days ¼

TOTAL COST, \$2955
Bond, \$1477.50. Sureties, J. A. Jury and
N. O. Berg. Limit, forfeit, none. Plans
and specifications filed.

FRAME RESIDENCE
LOCATION NOT GIVEN, San Jose. All
work for one-story frame residence.
Owner.....J. Richards, 517 W-San
Carlos St., San Jose.
Architect...A. P. Hill, Elks' Bldg.,
San Jose.
Contractor...P. T. Jorgenson, 113 W-
Santa Clara St., San Jose.
Filed July 25, '14. Dated July 21, '14.
Frame up\$1950
When plaster on 1950
When completed 1950
Usual 35 days 1950
TOTAL COST, \$7800
Bond, \$3900. Sureties, S. H. Chase and
F. F. Bass. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME RESIDENCE
LOCATION NOT GIVEN, San Jose. All
work for two-story frame dwelling.
Owner.....Miss E. Ducker.
Architect...A. P. Hill, Elks' Bldg.,
San Jose.
Contractor...Johnson & Bunner.
Filed July 25, '14. Dated July 20, '14.
Frame up\$796
When plastered 796
When completed 796
Usual 35 days 796
TOTAL COST, \$3185
Bond, \$1592.50. Sureties, Jos. A. Jury.
Limit, 90 days. Forfeit, none. Plans
and specifications filed.

FRAME RESIDENCE
LOT 15 BLK 20 SOUTH PALO ALTO
Seale Addition, Santa Clara Co. All
work for two-story frame residence.
Owner.....A. H. Fleishman, Palo Alto
Designer...Geo. B. Moore.
Contractor...Geo. B. Moore, Mayfield.
Filed July 22, '14. Dated July 16, '14.
Frame up\$1112.50
1 coat plaster on 1112.50
Building completed 1112.50
Usual 35 days 1112.50
TOTAL COST, \$4450.00
Bond, none. Limit, 60 days. Forfeit,
\$10 per day. Plans and specifications
filed.

FRAME SCHOOL
COR. HOMESTEAD, SARATOGA AND
Mountain View Roads, Santa Clara
Co. All work for school house.
Owner.....Collins School District.
Architect...J. R. Miller, Lick Bldg.,
San Francisco.
Contractor...J. H. Miller, 1041 Second
St., San Jose.

Filed July 20, '14. Dated July 20, '14.
Frame up\$872.75
Roof on, building enclosed... 872.75
When completed 872.75
Usual 35 days 872.75
TOTAL LCOST, \$3491.00
Bond, \$1745.50. Sureties, F. B. and A.
L. Hubbard. Limit, Sept. 1, 1914. For-
feit, none. Plans and specifications
filed.

BUILDING CONTRACTS.

SAN MATEO COUNTY.

EXCAVATIONS, GRADING FOR
GARDEN
"CAROLANS," Hillsboro. Excavation,
filling and grading for garden.
Owner.....Harriett Pullman Carolan,
Hillsboro.
Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg., S.
F. and A. Duchene, Archi-
tect and Gardner, Paris,
France.

Contractor...Sunset Constr. Co., S. F.
Filed July 31, '14. Dated July 21, '14.
On or after 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$40,000
Bond, \$20,000. Surety, Chicago Bond-
ing & Surety Co. Limit, Dec. 20, 1914.
Forfeit, \$20 per day. Plans and speci-
fications filed.
CONCRETE WORK ON ABOVE
Contractor...Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.
Payments same as above.....
TOTAL COST, \$29,500
Bond, \$14,750. Sureties, L. A. Norris
and W. B. Brinker. Limit, Dec. 20, 1914.
Forfeit, \$15 per day. Plans and speci-
fications filed.

FRAME RESIDENCE
HILLSBOROUGH. Marble work, in-
cluding steps, flooring, base and
plinth blocks for the loggia, etc., for
residence.
Owner.....Wm. H. Crocker, S. F.
Architect...Lewis Hobart, Crocker
Bldg., San Francisco.
Contractor...The American Marble &
Mosaic Co., S. F.
Filed Aug. 4, '14. Dated July 29, '14.
On 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$2000
Bond, \$1000. Surety, Globe Indemnity
Co. Limit, Nov. 1, 1914. Forfeit, none.
Plans and specifications filed.

FRAME RESIDENCE

LOT 24 BLK "N," Hayward Park. All work for one-story bungalow. Owner.....Mrs. Ralph Cohn (Violet Morris Cohn).

Architect...Reiman & Schwartz, Nevada Bank Bldg., S. F.
Contractor...C. E. McMullin and R. von Voorbies, S. F.

Filed July 28, '14. Dated July 21, '14.
Frame up\$550
Finish coat plaster on..... 550
Completed and accepted..... 550
Usual 35 days..... 550
TOTAL COST, \$2200

Bond, \$1100. Sureties, J. W. Schouten and J. H. McCallum. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

LOTS 48, 49, 50, 51 Sbdvn of Laurel Creek Farm, Beresford. All work except finish hardware, lighting fixtures and shades for one-story six-room and basement broken marble roof, frame dwelling.

Owner.....James Mulryan.
Architect...Ernest M. Essmann, 155 Chattanooga, S. F.

Contractor...D. W. Ross.
Filed July 29, '14. Dated July 9, '14.
Frame up\$1100
Brown coat plaster on..... 1100
When completed 1100
Usual 35 days..... 1100
TOTAL COST, \$4400

Bond, \$2200. Sureties, William Ross & Daniel Swaenack. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

July 20, 1914—NO. 836 DAVIS ST., San Jose. Augusta Schoenfeld to L Lewis.....July 14, 1914

July 21, 1914—CLINTON AVE near Palm Haven Ad'n, San Jose. E L Wilson to whom it may concern.....July 21, 1914

July 21, 1914—LOT 14 BLK 4 Hanchett Park, San Jose. H C Fridley to C H Hinds.....July 21, 1914

July 21, 1914—LOT 12 BLK 2 Palm Haven Tract, San Jose. A M White to whom it may concern.....Completed

July 22, 1914—CIMABAR & MONTGOMERY STS, San Jose. Castle Bros to Z O Field.....July 21, 1914

July 22, 1914—LOT 12 Keessling Cherry Court Tract, San Jose. T L Martin to whom it may concern.....Completed

July 27, 1914—COR SAN SALVADORE and Josepha Sts., San Jose. M Leuer to E D Wells.....July 25, 1914

July 25, 1914—LOT 4 BLK 10 Range 2, West of the Overbaugh and Roberts Sub., San Jose. Rose Plute to G Giotto.....June 30, 1914

Aug. 1, 1914—COR. LENZEN, BROWN and the Alameda, San Jose. Hester School District to Jno Soderstrom.....June 19, 1914

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Aug. 3, 1914—UPLANDS, Hillsboro. Chas T Crocker to Yale & Towne Mfg Co, July 21, 1914; Cavanagh & Vezina, July 28, 1914; Floodberg &

McCaferry.....July 30, 1911
Aug. 3, 1914—LOT 28 BLK 35 Easton Addition to Burlingame No. 2, San Mateo. Pieter Frankhuizen to John Brewes.....Aug. 3, 1911
Aug. 7, 1914—VALPARAISO AVE & Elena Ave, Menlo Park. Academy of The Sacred Heart to Frank Stock and Peter H Stock (The John Stock Sons).....July 31, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED

AMOUNT

Aug. 1, 1914—LOT 15 BLK 16, Vista Grande. Hauptman Lumber Co vs M and Lena Berman and Joseph C Stromswold\$268.64

Aug. 1, 1914—LOT 50 OF SBDVN NO. 1 of San Mateo Park. Excelsior Redwood Co vs Christian & Marie Walther and E Quagelli.....\$650.69

Aug. 1, 1914—LOTS 7 AND 8 BLK 13 Crocker Estate Tract Sub No. 1. Mission Lumber Co vs P R Dickie and J S Rockwell.....720.11

July 31, 1914—LOT 24 BLK 16, Vista Grande; No. 119 Lake Ave, East Daly City. M B Weiss vs Peter P Pickel.....\$62

Aug. 1, 1914—LOCATION NOT GIVEN Excelsior Redwood Co vs Christian and Marie Walter and E Onaselli.....\$650.69

Aug. 1, 1914—LOT 15 BLK 16 Vista Grande. Hauptman Lumber Co vs Joseph C Stromswold, M Berman and Lena Berman\$268.64

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

QUAY WALL — Concrete construction, \$40,000. Mare Island Navy Yard, Cal. Engineer, Dept. of Public Works, Mare Island. Owners, United States Government. The Public Works Department has announced the completion of plans and specifications for the new quay wall. These plans have been sent to the Navy Department at Washington for approval. An estimated cost of \$40,000 is placed upon the work. Construction will be of concrete. Part of the work will be done by Private contract and part by the Navy Yard force. Work will start about September 1st.

BUNGALOW — 1 story, frame. Cost not stated. Ross, Marin Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Golden. The house has been designed as a bungalow apartment and will contain but three rooms. All rooms will be fitted with wall beds. There will be some oak floors and pine trim. An open fire place and brick mantel will be used. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are being prepared.

BUNGALOW — 1 story and base, frame. Cost not stated. Mill Valley, Marin Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Waters. The dwelling will contain six rooms and sun porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared.

SCHOOL—1 story, frame and plaster, \$10,000. Kentfield, Marin Co., Cal. Ar-

chitect, Edwin Schafer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building has been designed for a four-room school with an assembly hall. Interior will be finished in pine throughout. Maple floors may be used in the class rooms. There will be a warm air system of heating. Composition blackboards and modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 22nd. Plans and specifications can be secured from the architect or George E. Bennett, 72 Fremont street, S. F., or T. W. West, Clerk of the Board of Education at Kentfield.

SCHOOL—1 story, frame. Cost not stated. Steuben School District, Sonoma Co., Cal. Architect's name not given. Owners, Steuben School District. The building has been designed for a two-room school and will be heated by stoves. Interior will be finished in pine. Composition blackboards will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 15th. Plans can be secured from either the County Superintendent of Schools at Santa Rosa or from H. G. Comstock, Clerk of the Board of Santa Rosa, R. F. S., No. 3.

SEWER SYSTEM AND SEPTIC TANK—Cost not stated. Calistoga, Napa Co., Cal. Engineer, W. H. Castner, Jr., Healdsburg. Owners, Town of Calistoga. Engineer W. H. Castner, Jr., has been commissioned to prepare plans for a new sewer system to be constructed in Calistoga. He is now at work on the surveys. A large septic tank will also be constructed. It is the intention of the City Trustees to embrace all of the town in the system.

BATH HOUSE MECHANICAL EQUIPMENT—San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. All bids received for furnishing and installing mechanical equipment and plumbing in the new Municipal Bath house have been rejected. On the advice of Architect O'Connor the city will undertake the work by Day Labor. Materials will be purchased at once.

Contracts Awarded.

THEATRE—1 story, brick, \$9,000. Martinez, Contra Costa Co., Cal. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, Mrs. Cordelia B. Grey. Contractor, Carl Neilson, Martinez. Contract price, \$9,000. Note: The building has been leased to J. A. Kelly and Frank M. Cunningham.

BUILDING CONTRACTS.

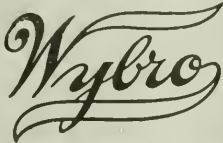
MARIN COUNTY.

FRAME RESIDENCE SAN ANSELMO. All labor and materials for one-story and basement frame residence. Owner.....Angelo Bonalanza, San Rafael.

Architect...C. H. Park.
Contractor...J. E. Warner, San Rafael.
Filed Aug. 3, '14. Dated July 25, '14.

Frame up\$275
When plastered 275
When completed 275
Usual 35 days..... 285
TOTAL COST, \$1110

Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.



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SCHOOL BUILDING

SAN ANSELMO. All work including carpenter work, painting, etc., for public school building.

Owner.....Board of School Trustees, San Anselmo.

Architect...J. W. Dolliver, Royal Insurance Bldg., S. F.

Contractor...L. A. Rose, Monadnock Bldg., San Francisco.

Filed Aug. 7, '14. Dated June 27, '14.

Floor on\$2106

When plastered 2106

Frame up 2106

Standing finish on 2106

When completed 2106

Usual 35 days..... 3515

TOTAL COST, \$14,045

Bond, none. Limit, 90 working days.

Forfeit, none. Plans and specifications none.

FRAME RESIDENCE

ROSS. All work including carpenter, painting, etc., for two-story and basement bungalow.

Owner.....C. W. Saunders, San Anselmo.

Architect...None.

Contractor...R. C. Hillen, 1529 Santa Clara Ave., Alameda.

Filed Aug. 7, '14. Dated July 31, '14.

Frame up ¼

1st coat plaster on..... ¼

When completed ¼

Usual 35 days..... ¼

TOTAL COST, \$5100

Bond, none. Limit, 100 working days.

Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

SAN ANSELMO. Concrete work, carpenter work, electric work, plastering, etc., for frame residence.

Owner.....Frank S. Stadlerman.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...H. H. Jepsen.

Filed Aug. 4, '14. Dated July 28, '14.

Frame up\$650

Interior work done..... 700

When finished 750

Usual 35 days..... 950

TOTAL COST, \$3050

Bond, none. Limit, 90 working days.

Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

SAUSALITO. Carpenter work, etc., for frame residence.

Owner.....Wm. Petherick, Sausalito.

Architect...A. D. Nicholson, 166 Geary St., San Francisco.

Architect...Alburt W. Teather, Sausalito.

Filed Aug. 4, '14. Dated Aug. 3, '14.

Frame up\$770

When plastered 770

When completed 770

Usual 35 days..... 773

TOTAL COST, \$2083

Bond, \$1542. Surety, Southwestern Surety Insurance Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

FRAME RESIDENCE

LOTS 4, 5, BLK "P," Point Richmond Tract, Richmond. All work according to plans and specifications in a good and workmanlike manner for two-story frame building.

Owner.....Louis Regazzini.

Architect...None.

Contractor...A. W. Josselyn.

Filed July 30, '14. Dated July 28, '14.

Frame up\$1487

All outside work done and plumbing in 1487

Completed and accepted and all bills shown to be paid.....Balance

All extra labor and material above contract price to be paid for as the same progresses.....

TOTAL COST, \$5948

Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED

Aug. 4, 1914---NE COUNTY ROAD No. 13 and NW of S Street partly enclosed by 30th St. Bay St. and County Road No. 13. The Pullman Co to Frank Garden & Co.....

.....July 21, 1914

Aug. 1, 1914---LOT 42 BLK 3, Richmond Villa Tct, Richmond. Hoyt & Greene, Inc to C D Knolly.....

.....July 23, 1914

Aug. 1, 1914---LOT 41 BLK 3, Richmond Villa Tct, Richmond. Hoyt & Greene, Inc to C D Knolly.....

.....July 23, 1914

July 31, 1914---LOT 3 BLK 3 Tormey-Merrithew Add'n, Martinez. P R Black to Luke Bulger.....July 18, 1914

Aug. 5, 1914---LOTS 17 AND 18 BLK 2, Map of Nicholl Macdonald Civic Center, Richmond. Mrs Ella Hubbard to Pederson & Overaa.....

.....August 4, 1914

Aug. 7, 1914---E ½ LOT 5 AND LOT 6 Blk 4 Bay Shore Tract, Richmond. Edith de L Chapman to California Home Bldg Co.....

.....August 6, 1914

COMPLETION NOTICES.

MARIN COUNTY

RECORDED ACCEPTED

August 3, 1914---SAN RAFAEL. J Albert to T J Mosely.....Aug. 1, 1914

Aug. 5, 1914---FAIRFAX. Charles Schmitt to Wallace Lanpher & Johnston.....July 17, 1914

Aug. 6, 1914---BUSH TRACT, San Anselmo. Carsten W Buck to Wm Yeo.....Aug. 4, 1914

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT

Aug. 3, 1914---BELVEDERE. C E Diefenbacher, \$165.55; Pratt Bldg Material Co (corp), \$103.70; John P Maxwell, \$155.40 vs Geo W White and Belvedere Land Co.....

Aug. 1, 1914---BELVEDERE. Robert F Norling vs The Belvedere Land Co and Geo M White.....\$59.59

Aug. 1, 1914---BELVEDERE. Wesley Heidt vs Belvedere Land Co and Geo M White.....\$30

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

July 30, 1914---LOT 6 BLK 112 Map of Town of Antioch. Hutchinson Co to E Moss\$218.43

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

Aug. 4, 1914---A STRIP 200 FEET wide lying 100 feet on each side of center line running from E to W of Sections Nos. 19, 20, 21, 22 T 1 N R 3 E M D B and M and the lands adjacent thereto. Roy L McCabe vs Chas Nott and The Balfour-Guthrie Investment Co..\$425.27

Aug. 6, 1914---LOT 5 BLK 6 Hooper's Addition to Town of Antioch. F Stamm vs John Xavier and John Xavier and Dolinda Xavier...\$154.75

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGE --- Concrete construction. Cost not stated. Chico, Butte Co., Cal. Engineer, County Surveyor M. C. Polk, Oroville. Owners, Butte County. County Surveyor M. C. Polk is preparing plans for a new forty-foot span to be erected over the Big Chico

at Midwell Park. Construction will be of concrete. Bids will be advertised for as soon as plans can be completed.

HOSPITAL—2 story and base, reinforced concrete, \$40,000. Hanford, Kings Co., Cal. Architect, Ernest J. Kump, Fresno. Owners, St. Dominic Sisters. The building will be a fire-proof structure of reinforced concrete and will contain two wards besides a large number of private rooms. Interior will be finished in pine and hardwood with some tile wainscot. Plans provide for steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile. Special hospital equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are nearly complete and bids will be called for shortly.

Contracts Awarded.

STORES AND APARTMENTS — 2 story and base, brick and steel, \$18,000. Turlock, Stanislaus Co., Cal. Architect, L. K. Kondrajan, Fresno. Owner, Toprahanian. Contractor, Charles Crozier, Fresno, concrete work. Berkeley Steel Co., structural steel, and Hollenbeck & Bush, Fresno, carpentry and mill work. Contract prices not given.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Steel construction. Cost not stated. Walnut Grove, Sacramento Co., Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Plans have been completed and have received the approval of the Board of Supervisors for the construction of a highway bridge over the Sacramento River at Walnut Grove. Plans and specifications can be secured from the County Surveyor at Sacramento. Bids will be opened on August 20th.

JAIL ALTERATIONS AND CELLS—\$1,500. Marysville, Yuba Co., Cal. Architect, none. Owners, City of Marysville. The city authorities have decided to improve the present city jail by altering the interior and installing steel wire mesh and adding several steel cells. Bids will probably be called for on the work.

LODGE HALL AND STORES — 4 story and base, Class A construction, \$70,000. Sacramento, Cal. Architect, Washington J. Miller, 45 Kearny street, S. F. Owners, Native Sons Hall Association. The building will be erected at the corner of 11th and J streets, and has been arranged or a number of stores on the first floor. Upper floors will be arranged for the lodge rooms, a large ball room, banquet hall and social rooms. The balance of the upper floors will contain offices. Interior will be finished in pine and hardwood. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures will be called for within a month.

LODGE HALL—2 or 3 story and base, reinforced concrete. Cost not stated. Sisson, Siskiyou Co., Cal. Architect, J. W. Placheck, 1424 Spring street, Berkeley. Owners, Sisson Eagles Hall Association. The building is still in the preliminary stage and the organization is raising funds for the construction. If the project is carried through there will be a number of stores on the first floor while the upper

two floors will be arranged for lodge rooms and offices of the organization. Interior will be finished in pine and hardwood. There will be steam heat and a hot water supply. Exterior of the building will probably be faced with cement plaster. Further mention will be made of the work.

LIBRARY ALTERATION AND ELEVATOR WORK—Cost not stated. Sacramento, Cal. Architect, State Architect George B. McQuigall, Sacramento. Owners, State of California. Bids for installing an elevator and remodeling the State Library will be opened in Sacramento on September 4th at 12 o'clock. Plans and specifications can be secured from the State Architect at Sacramento.

RESIDENCE — 1 story and base, frame, \$2,500. Sacramento, Cal. Architect, none. Owner, N. L. Bishop, 2616 D street, Sacramento. The dwelling will contain six rooms and bath, and will be erected at 3412 T street. Interior will be finished in pine throughout. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL LIGHTING FIXTURES—Cost not stated. Sacramento, Cal. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, City of Sacramento. Bids are now being taken for furnishing and installing lighting fixtures in the Sacramento Union High School. Bids will be opened on August 17th. Plans and specifications can be secured from the architect.

SCHOOL AND SCHOOL ALTERATIONS—Cost not stated. Franklin School District, Sutter Co., Cal. Architect, none. Owners, Franklin School District. Plans for a one-story building and for alterations to the present school building have been approved by the Board of Education. Bids will be opened on August 15th at 10 a. m. Plans and specifications can be secured from the Clerk of the Board at Franklin.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on August 31 by the State Highway Commission at Sacramento for highway construction in the following counties: Colusa, 12.6 miles; Yuba, 3.3 miles; San Luis Obispo, 10 miles; Kern, 2.3 miles; Orange, 7.4 miles; Sacramento, 6.8 miles; Solano, 8.2 miles; Santa Barbara, 3.8 miles, and Los Angeles, 12.8 miles. Complete particulars can be secured from the State Highway Commission. An official proposal appears in another column of this issue.

JAIL CELLS—Steel, \$20,000. Red Bluff, Tehama Co., Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Tehama County. All bids have been rejected for furnishing and installing 36 steel cells. The lowest figure was received from the Ralston Iron Works of San Francisco for \$20,000. This is the third time that bids have been rejected on this work. New figures will be called for shortly. Four firms submitted figures.

CHURCH—1 story and base, reinforced concrete, \$12,500. Ukiah, Mendocino Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners,

Roman Catholic Church of Ukiah. Original plans for this building provided for a frame building, but these have since been revised and the work will be carried out in concrete. The main auditorium will seat 350 people and will be finished in pine with ornamental plaster. There will be a central heating system. Art glass windows will be used. Exterior has been designed in the Mission style and will be faced with cement plaster. Plans are being completed.

CHURCH—2 story and base, brick and concrete, \$25,000. Stockton, San Joaquin Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Gertrude's Parish. The building has been designed in the Mission style and will contain besides the main auditorium, Sunday school rooms and social rooms. Interior will be finished in pine and redwood with ornamental plaster in the auditorium. Plans provide for steam heat and modern plumbing. Art glass windows will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

RAISE AND ALTER RESIDENCE—NO. 2215 N ST., on E ½ Lot 7, M, N, 22nd and 23rd Sts., Sacramento. Raise and remodel dwelling. Owner.....J. R. Rust, Premises. Architect.....None. Contractor.....W. P. Cippa, 314 21st St., Sacramento. COST, \$3000

FRAME RESIDENCE—NO. 3412 T ST., Lot 46 Mier and Sowell High School Tract, Sacramento. One story five-room dwelling. Owner.....N. L. Bishop, 2616 D St., Sacramento. Architect.....None. Day's work. COST, \$2000

ALTERATIONS TO BUILDING—E 20 FEET LOT 3 AND W ½ LOT 4, K, L, 4th and 5th Sts., Sacramento. Repair fire damage and build addition. Owner.....Weinstock Lubin Co., 400 K St., Sacramento. Architect.....None. Contractor.....W. L. Rutman. COST, \$1500

ALTER STORE FRONT—NO. 517 K ST., on W ½ Lot 6 and E ½ Lot 7, J, K, 5th and 6th Sts., Sacramento. Remodel store front. Owner.....Edith M. Gardiner et al, Hickman, Coleman Co., Agents, Sacramento. Architect.....None. Contractor.....Capital Furniture Co., 616 J St., Sacramento. COST, \$750

REMODEL DRUG STORE—NO. 3304 SACRAMENTO AVE., Lot 16 Blk 21, South Sacramento. Remodel drug store. Owner.....J. C. Harby, Davis, Cal. Architect.....None. Contractor.....E. N. Armstrong, 3126 Orange Ave., Sacramento. COST, \$400

FRAME BLACKSMITH SHOP—YALE AVE., bet. 12th and 13th Sts., Lot 8 Blk X, Y, 12th and 13th Sts., Sacramento. Blacksmith shop.

Owner Josephine Glocks, 2200
10th St., Sacramento.
Architect...None.
Contractor...John C. Huston, 1127 W
St., Sacramento.
COST, \$100

ALTER SALOON
No. 300 J St., Sacramento. Fixtures
and partitions in saloon and rooms.
Owner...Thos. McCabe, 718½ J St.,
Sacramento.
Architect...None.
Contractor...W. F. Cippa, 314 21st St.,
Sacramento.
COST, \$200

ADDITION TO RESIDENCE
No. 711 SIXTEENTH, on N ½ of S ½
Lot 1, G. H. 16th and 17th Sts., Sacra-
mento. One-story frame addition to
residence.
Owner...August Lehoman, Prem.
Architect...None.
Contractor...J. A. Pausbach, 1020 25th
St., Sacramento.
COST, \$300

CARPENTRY, ETC., FOR BUILDING
W ½ of N ½ LOT 1, P. Q. 21st and 23d
Sts., Sacramento. Carpentry, mason-
ry, etc., for building.
Owner...L. C. Vandercrook, 2025 P
St., Sacramento.
Architect...None.
Contractor...G. E. Harvie, 2212 T St.,
Sacramento.
Filed Aug. 5, '14. Dated Aug. 1, '14.
COST, \$5327

FRAME RESIDENCE
PINE STREET, bet. Natoma and Pal-
metto Ave., Sacramento. Four-room
dwelling.
Owner...Natalie Buschwaechter.
Architect...None.
Contractor...Edward Buschwaechter.
COST, \$475

ALTER STORE BUILDING
No. 210 I St., Sacramento. Remodel
store building.
Owner...Wong Hoy, Premises.
Architect...None.
Contractor...Larton & Hite, 1812 L St.,
Sacramento.
COST, \$7500

FRAME RESIDENCE
LOT 225 South Oak Park, Sacramento.
Five-room residence.
Owner...H. F. Carstens, Forum
Bldg., Sacramento.
Architect...None.
Day's work. COST, \$1800

FRAME RESIDENCE
PARK AVE near Sacramento Ave., be-
ing Lot 19 Bk 57, Lewis Tract, Sacra-
mento. Five-room residence.
Owner...H. F. Carstens, Forum
Bldg., Sacramento.
Architect...None.
Day's work. COST, \$1800

ALTER RESIDENCE
No. 2510 TWENTY-SEVENTH ST., Lot
4 Urban Court, Sacramento. Finish
and remodel residence.
Owner...F. J. Manning, Premises.
Architect...None.
Contractor...F. G. L. Urban, Pleasant
Valley.
COST, \$750

ADD TO RESIDENCE
No. 305 TWENTY-FIRST ST., Lot 226,
Boulevard Park, Sacramento. One-
story frame addition to residence.

Owner...G. W. Jaeger, Premises.
Architect...None.
Contractor...Robert Mackey, 1020 ½
28th St., Sacramento.
COST, \$195

**MARBLE AND WAINSCOTING FOR
STORE**
No. 722 K St., Sacramento. Marble
step and wainscoting in store bldg.
Owner...Jas. H. Devine et al, 722 ½
K St., Sacramento.
Architect...None.
Contractor...Martin Coyne, 21st, bet J
and K Sts., Sacramento.
COST, \$400

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Aug. 5, 1914—LOT 1 BLK "C" Sub B,
York Ave, bet 39th and 40th Sts.,
Sacramento. W H Hammill to C J
Guth July 11, 1914

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
July 29, 1914—N ¼ LOT 5, S. T. 25th
and 26th Sts., Sacramento. Julius
Ascher and Chas C Goldsmith to
Geo W Martin & Son.... July 29, 1914

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

IRON FOR CLASS "C" HOTEL
NW SCHOOL AND PINE being Lot 4
and E 5-6 Lot 3 Bk 9, Lodi. Struc-
tural steel work for Class "C" steel
frame hotel and office building (3
stores and basement).
Owner...Lodi Investment Co., Lodi
Hotel, Stockton, Cal.
Architect...E. B. Brown, Suite 12,
Masonic Bldg., Stockton.
Contractor...Ralston Iron Works, 20th
& Indiana, San Francisco.
Filed July 29, '14. Dated July 29, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5310
Bond, \$2600. Surety, The Aetna Acci-
dent & Liability Co. Limit, 50 days
after July 18. Forfeit, \$10 per day.
Plans and specifications filed.

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

FACTORY GROUP—9, 1 story, steel
and corrugated iron. Cost not stated.
Vernon, Los Angeles Co., Cal. Archi-
tect, George W. Harding, Washington
Bldg., L. A. Owners, Pinney-Boyle
Mfg. Co., 1325 Palmetto street, L. A.
These nine buildings will cover an area
of 300 feet square. A one-story office
building will also be erected. Each
building will have a light steel frame
with the exterior covered with corru-
gated iron. Cement floors will be
used. Special machinery will be in-
stalled, but will not be included in
this contract. Plans are nearly com-
plete and figures are now being taken
for the structural steel.

SCHOOLS—4, 1 and 2 story and base,
brick, \$80,000. Alhambra, Los Angeles
Co., Cal. Architects, Allison & Allison,
Hibernian Bldg., L. A. Owners, Al-
hambra School District. These build-
ings will contain from four to eight

class rooms. Interiors will be fin-
ished in pine with maple floors in the
class rooms. There will be steam heat
and modern school plumbing. The
larger building will also contain man-
ual training and domestic science
rooms. Exteriors will be faced with
pressed brick. Plans are complete and
are in the office of the Superintendent
waiting final approval.

SCHOOL—1 story, brick or concrete.
Cost not stated. La Habra, Los Ange-
les Co., Cal. Architect, J. Flood Walk-
er, 303 East 4th street, Santa Ana.
Owners, La Habra School District. The
building will contain six class rooms
and an assembly hall seating 450 peo-
ple. There will be departments for
Manual training and domestic science.
Interior will be finished in pine with
maple floors in the class rooms. A
central heating system will be pro-
vided. Exterior of the building will be
faced with cement plaster. Plans are
complete and figures are being taken.
Bids will close on August 15th. Plans
can be secured from the architect.

SCHOOL—2 story and base, brick,
hollow tile or concrete, \$40,000. Com-
pton, Los Angeles Co., Cal. Architects,
Tuttle & Angels, Delta Bldg., L. A.
Owners, Compton School District. The
building will contain, besides the usual
class rooms, departments of domestic
science and manual training. There
will be steam heat and modern school
plumbing. Interior will be finished in
pine with maple floors in the class
rooms. Exterior of the building will
be faced with cement plaster or pressed
brick. Plans are now being prepared.
Further mention will be made of the
work.

SCHOOLS—2, 1 story and base,
brick. Cost not stated. Pasadena, Los
Angeles Co., Cal. Architects, Marston
& Van Pelt, Chamber of Commerce
Bldg., Pasadena. Owners, Pasadena
School District. These two buildings
have been mentioned here before.
Plans have been called in for revision.
This work will be completed in the
course of two weeks and new figures
will be called. Further mention will
be made of the work at that time.

STORES AND OFFICES—8 story and
base. Class A construction. Cost not
stated. Los Angeles, Cal. Architects,
Reid Bros, California-Pacific Bldg., S.
F. Owners, Hulett C. Merritt. The
building will be erected at the north-
east corner of 8th and Broadway, cov-
ering a large ground area. There will
be a number of high class stores on
the first floor and modern offices on
the upper floors. Interior will be finished
in pine and hardwood. Marble and
tile will be used extensively. There
will be steam heat, elevator service,
metal window frames and sash and a
vacuum cleaning system. Plans pro-
vide for a steel frame and brick ex-
terior walls faced with pressed brick
and terra cotta. Plans have been re-
vised and are now in the hands of the
Spring Street Co., 702 South Spring
street. Subcontractors will be let.

STORES AND OFFICES—7 story and
base. Class A construction. Cost not
stated. Los Angeles, Cal. Architect,
Frederick Noonan and William Rich-
ards, Brockman Bldg., L. A. Owners,
J. W. Robinson Co. The building will
be erected at the corner of 7th and
Grand streets and will cover an area
of 333 feet by 153. Walls, floors and
roof will be of reinforced concrete.
Interior will be finished in pine and
hardwoods. Marble and tile will also
be used for trim. Plans provide for

steam heat, elevator service, a hot water supply, vacuum cleaning and metal window sash and frames. Exterior will be faced with pressed brick. Plans are complete and will go out for figures this week.

THEATRE—1 story and base, brick and steel, \$25,000. Glendale, Los Angeles Co., Cal. Architect, Robert J. Kitts, 723 Stewart street, Glendale. Owner, Henry C. Jensen. The building will cover an area of 53 by 150 feet and has been designed for a high class motion picture house. Interior will be finished in pine and ornamental plaster. There will be special electric work and a modern system of ventilation. Exterior will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

HOTEL—3 story and base, brick, \$25,000. Calexico, Imperial Co., Cal. Architect, none. Owner, Mr. Stuart. Contractor, H. J. Edwards, Calexico. Contract price, \$25,000.

RESIDENCE—2 story and base, brick, \$12,696. Los Angeles, Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, Roy Stevens. Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$12,696.

SCHOOL—2 story, brick and frame, \$51,200. Los Angeles, Cal. Architect, A. H. Daun, L. A. Owners, Los Angeles School District. Contractor, Charles S. McCully, 2751 St. Francis avenue, L. A. Contract price, \$51,200.

SCHOOL—1 story, frame and plaster, \$10,000. El Segundo, Los Angeles Co., Cal. Architect, E. L. Hopkins, Delta Bldg., L. A. Contractor, Paul Martin, 1666½ West 12th street, L. A. Contract price, \$10,000.

SCHOOL—1 story and base, brick, \$37,541. Pasadena, Los Angeles Co., Cal. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Pasadena School District. Contractor, Josn Simpson, 622 Van Nuys Bldg., L. A. Contract price, \$37,541.

INTERIOR FINISH FOR OFFICE BUILDING—\$80,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Commercial Fireproof Building Co. Contractors, Los Angeles Mill Co., 1812 Industrial street, L. A. Contract price, \$80,000. Note: This work will be installed in the new building under construction at the corner of 5th and Spring streets.

PORTLAND AND OREGON.

SCHOOL—2 story and base, brick, \$25,000. Rainier, Ore. Architect, Ernest Kroner, Worcester Bldg., Portland. Owners, Rainier School District. The building will cover an area of 122 by 58 feet. Manual training rooms, domestic science rooms and gymnasium will occupy the basement. There will be five class rooms and teachers' rooms on the first floor, while the second floor will contain two class rooms, study hall and laboratories. The building will be heated by steam. Interior will be finished in pine with maple floors in the class rooms. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

WATER SUPPLY SYSTEM—\$125,000. Portland, Ore. Engineer, Clark. Portland, Owners, City of Portland. Commissioner Daly has approved plans outlined by Chief Engineer Clark of

the Water Bureau for the improvement of the distributing service costing \$125,000. These improvements will consist mainly of the extension of the terminals at Fremont and East 39th streets, north one-fourth mile and west two and one-half miles, to the Vernon standpipe. It is also planned to extend a 16-inch main through the Irvington district. At the present time there is no material on hand for the construction of these two mains and the numerous small laterals which it will be necessary to lay. An estimate is now being prepared by the City Auditor, who will be directed to call for bids.

STORES AND OFFICES—3 story and base. Class B. Cost not stated. Klamath Falls, Ore. Architects, Veghte & Co., Klamath Falls. Owners's name withheld. The building will be arranged for a number of stores on the first floor and offices above. Interior will be finished in pine with tile floors. There will be steam heat and metal window sash and frames. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

ASSOCIATION BUILDING—2 story and base, reinforced concrete, \$19,024. Astoria, Ore. Architects, MacNaughton Raymond, Title and Trust Bldg., Portland. Owners, Young Men's Christian Association. Contractor, A. W. Kutsche, Yeon Bldg., Portland. Contract price, \$19,024.

PAVING—\$39,218.92. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, Oregon Paving Co., Portland. Contract price, \$39,218.92.

SEATTLE AND WASHINGTON.

Contracts Awarded.

HOTEL—10 story and base. Class A construction. Cost not stated. Seattle, Wash. Architect, J. L. McCauley, New York Bldg., Seattle. Owners, Rainier Heat and Power Co. Contractors, Ditlefsen & Geering, Leary Bldg., Seattle. Contract price not stated.

SEWER EXTENSIONS—\$309,052.72. Vancouver, B. C. Engineer, City Engineer, Vancouver. Owners, City of Vancouver. Contractors, Hodgson-King & McPhelan Bros., 319 Pender street, West Vancouver. Contract price, \$309,052.72.

Political and political situations are for the time being submerged in the events of the European war. Things will move rapidly over there and perhaps within the year there will be changes in the map of Europe if not permanent changes in the form of government.

England has of necessity been forced into the conflict. And the English government seems to have acted with the utmost fairness to all concerned.

Italy has declared herself to be neutral. Belgium and Luxemburg have been invaded by Germany and while the Kaiser states that the Germans have been forced into the conflict the act of every other nation seems to negative his assertion and it appears that the Germans themselves have forced the war.

It may be that this baptism of blood will advance the world and show the folly of present day methods of statesmanship in Europe. It is to be hoped

that if such things must be that these events will result in revolution and that the hereditary monarchies will give place to representative government where the will of a prince will be replaced by the representatives of the people.

Hundreds of thousands of lives will no doubt be sacrificed. Billions of dollars worth of property will be destroyed. Numberless men will be maimed and crippled for life—wives, and mothers and children be deprived of their means of support. And all for what? For some prince that wears a tin helmet to assert his personality in a world war.

If the hand of fate moves in the destiny of men it means that in the years to come humanity will climb out of this servitude to tradition and fear and will act on the broader ground of humanity and justice.

The aeroplane and submarine are likely to play an important part in the present war. And how much the aeroplane will prove a protection against the submarine remains to be seen.

It is undoubtedly true that, under certain conditions, it is possible from a good altitude to perceive objects at a certain depth below the surface, but this is mainly the case with calm, clear water, with a favorable light. In the choppy grey waters which abound around British coasts, a submarine would rarely be detected, more especially as the view from the pilot's and observer's seats is, in the majority of cases, most defective at the present time, and the fierce slip-stream from the propeller revolving in front, added to the high speed of travel, render the use of goggles imperative. But, in the opinion of a writer in the London Daily Telegraph, minor difficulties such as these may, and no doubt will, be overcome in time, and experience alone can show in how far the aeroplane will serve as a protection against submarines.

Just why the reply of Serbia to the demands of Austria should not have been sufficient is hard to see. In any event Austria has spilled the beans and now Europe is ablaze with war. Conventions and treaties have no weight in the balance under present circumstance and the small nations whose integrity has been maintained by a balance of power are preparing to defend their lives. Austria and Serbia have now passed out of sight in the melee and the center of the stage is taken up by the conflict of the bigger brothers.

It will be interesting to note in the next few days what the effect of this preparedness for war means. Germany has crossed the frontier into France for the purpose of crushing her before Russia can mass troops on her own frontier. And it remains to be seen whether or not she can repeat the movement of 1870.

To an outsider it would appear that Germany has undertaken a big contract. The memory of the humiliation of 1870 is fresh in every Frenchman's mind. And the chances are that every loyal Frenchman will die in the ditch rather than permit the German army to enter Paris.

Statecraft is a great game in Europe. It has about as much regard for the rights of parties as the brigands of the middle ages. And the intrigue of the courts bring about such

crises as the present one where it means the wholesale destruction of life and property and the liberties of whole peoples are sacrificed.

At the present time our own Senate is discussing the proposition of paying to Colombia the sum of 25 million dollars for land that was necessarily taken for the Panama canal.

After all the idea of human liberty that our forefathers gave to the world when they founded this republic has borne fruit and has advanced the world. Here is our attitude toward Mexico where conditions were almost intolerable. Had it been a European power it would have gone down and annexed Mexico at the slightest pretext. Instead of paying Colombia for the land condemned it would have taken the whole thing. And the attitude of our own government under these circumstances as compared with that of European countries is something of which every American can well be proud.

It is sometimes a good thing to get an outsider's view of things. The Sacramento Bee, which usually speaks its mind and is fair so far as its view point is concerned, has this to say of the recent regulation of our Police Commission:

"The Police Commission of San Francisco again has allowed dancing in the uptown cafes around Mason and Eddy streets. The old order prohibiting the selling of liquor and dancing in the same room still applies to the Barbary Coast.

The Police Commission has yet to learn that morality is not geographical. An offense on Mason street is as reprehensible as on Pacific. Brighter lights, finer furnishings and gayer crowds do not change the nature of these uptown places.

Beyond that it is in the fashionable places where the greater evil exists, and where is the far more dangerous menace to girlhood and young womanhood.

Along the Barbary Coast women do not enter who were not bad previously.

It is in the uptown cafes and places for dining and entertainment of that character where the temptation first comes. It is there where the recruits are obtained that finally drift to the Barbary Coast.

To stop all this music and drinking, etc., etc., on the Barbary Coast and to permit it to go unrestrained in the haunts uptown, is simply to declare that those who have a chance to remain good women shall have all the temptations placed in their path to become bad; while all these temptations—which no longer are temptations to them—shall be removed from the path of bad women probably beyond all hope of reformation."

One prospective effect of the war in Europe on the exposition will be that there will not be any place else to go but to the exposition. We may not have the naval parades or much demonstration of the dreadnaughts of the sea, but there will be ample demonstration of the arts of peace. And after the European armies have been decimated and the horrors of war have been brought home to the world individually there will be ample rea-

son for everybody to comment on the prosperity and well being of a big nation that is not founded upon military strength, but upon the idea of personal liberty. It ought to be a good place for a peace congress and agreement for disarmament after the lapse into barbaric war.

The death of the wife of President Wilson comes as a shock and a heavy blow to the chief executive. She was a woman fit to grace the head of a great democracy. Self-poised and sensible to high degree she lent to the society of Washington the charm of a woman of common sense and culture who knows no aristocracy save that of good breeding and good sense. The nation sympathizes with its chief executive in his personal bereavement and feels with him a common loss.

The following is from the Sacramento Bee:

"Mrs. Joseph R. Knowland is accompanying her husband on his tour of the State, and making speeches with him and for him in his ambition to be United States Senator.

Mrs. Knowland has been telling the newspapers throughout the State what a remarkable man her husband is, and also that they have a remarkable boy; and she says:

I play for Billie's political meetings. (Billie Knowland is 6 years old. He is making speeches at home for his father.)

Billie always has to have music for his meetings, and when he talks he demands silence. Here is a speech he made the other night:

"Ladies and Gentlemen: Mr. Knowland is the greatest man living. You all know about George Washington and Abraham Lincoln. He's greater than them, for they're both dead and he's alive."

Isn't that a pretty good political speech for a boy?

Respectfully passed up to the reader without comment."

CITY WORK CONTEMPLATED.

Plans Are Underway in City Department of Architecture.

Plans and full size details are being prepared as the work progresses upon the following buildings: Polytechnic High School, Glen Park School, Edison School, Washington Irving School, Oriental School, yard work at the Edison School, shop building for the Department of Electricity; also upon Engine House No. 48, Fire Arm Station, San Francisco Hospital yard work, City and County Jail, Public Square of the Civic Center and Donahue Fountain.

Marshall School—General working drawings and specifications complete; full size details being prepared as the work progresses.

Central Fire Alarm Station—General working drawings and specifications complete; full size details being prepared as work progresses.

City and County Jail Building—General plans and specifications for the general construction complete and contract awarded. Plans and specifications for plumbing, electric work, heating, and mechanical equipment being prepared; same will be ready for receiving bids very shortly.

LYOYD C. COMEGYS COMMERCIAL ATTORNEY

Efficiency Methods - Adjustments
Advertising Service

902 Mutual Savings Bank Bldg.

Cor. Market & Kearny, Kearny 3864

Polytechnic High School—Specifications being prepared for lathing and plastering and general interior finish throughout; also plans and specifications being completed for the completion of the electrical equipment, plumbing, and mechanical equipment; same will be ready for receiving bids within a few days.

Engine House No. 12—Plans and specifications complete for the general construction; full size details being prepared as the work progresses.

Cooper School—Plans and specifications for general construction complete and contracts awarded. Full size details being prepared as the work progresses.

San Francisco Hospital—Plans and specifications for the general yard work complete and contract awarded; full size details being prepared as the work progresses.

Civic Center—Plans and specifications for the general improvement of the Public Square completed and contract awarded. Drawings for the electric lighting and the plumbing are being prepared and will shortly be ready for bids.

Donahue Fountain—Plans and specifications being prepared for the general revision of same and will soon be ready for receiving bids.

Department of Electricity Shop Building—General plans and specifications being prepared. Same are well under way and will be ready for bids very shortly.

Burnett School Yard Work—Plans and specifications being prepared for fire escapes and yard improvements and are approximately 50 per cent completed.

Washington Irving School—General working drawings and specification complete. Full size details being prepared as the work progresses.

Oriental School; Engine House No. 48—General working drawings and specifications have been completed and full size details are being prepared as the work progresses.

As an advertising novelty, an umbrella has been patented to be placed over electric lights in stores to diffuse their illumination.

Government experts are investigating Sweden's alum shale deposits in the hope of obtaining an illuminating oil, sulphur and other products.

Bombay will erect road mirrors at dangerous street intersections to warn traffic of vehicles approaching from around corners.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

What Letters, Post-Cards, Circulars and Folders Can Do.

LETTERS:

A letter is the most personal and valuable instrument that you may utilize to dispose of your offerings, acquire information or settle difficulties, outside of sending a personal representative or calling yourself.

With letters, you may call upon thousands of people, in a single day, gain admittance to the busy office and receive the attention of either the proprietor himself, or one of his trusted lieutenants. Many times your representative would be unable to even get into the office and would not be given a hearing at all.

A letter also, by having come through the mail, certifies that it is direct from you and valid, and its statements and offers contained are accepted without question, and the party is relieved of worry as to what you have offered, by reason of his having the written evidence of same, which would be accepted in court, if necessary.

The statements of your representatives or salesmen are not always accepted for their full intended value, and unless left in writing, do not inspire that feeling of security that the letters will.

The letter has also the advantage that should it arrive at an inopportune time, it will be laid on the desk, to be taken care of in the regular order of business. Salesmen could never wait the convenience of all their customers in this manner.

In using letters, if you desire a reply or an order signed, an insert should be enclosed and so worded as to make it necessary for the party receiving it to do but little else than designate his selection of goods and sign his name.

POST CARDS:

Post cards for some propositions are as good, if not actually better, than sealed letters; but you must know whether this applies to your particular proposition and if the attitude of the receiver would be as favorable as when being approached through a sealed letter.

FOLDERS, CIRCULARS:

Folders and circulars are less personal than letters, but may utilize cuts and tabulated matter, including price lists, general data, and instructions as to your proposition, that could not be conveniently put in letter form. It is very proper and desirable that when sending such it be accompanied by a personal letter clearly and concisely calling attention to the main features of your offer.

DIRECT RESULT GETTING:

In using all the above you should select those parties with whom you

wish to do business and submit a definite, concrete offer to them, and provide a means of closing that offer and realizing your profit. This allows you to pick out a large number of men, submit your proposition to them, and continue to follow up submitting it to them, until you have effected a sale or found that a sale cannot reasonably be made. Properly used such advertising can make more money for you, than possibly any other single business facility that there is. By such advertising you can talk your proposition to thousands in a single day. You can learn who is interested and who will not take your line.

You can eliminate the time of seeing those who won't buy.

You can eliminate the cost of seeing those who won't buy.

Your time is your capital and what is saved is added capital for additional endeavors.

LLOYD C. COMEGYS.

THE RAILROAD COMMISSION.

President Eshleman Tells of Its Powers and What it Has Accomplished

"It can be stated on authority that at no time in the history of the State has there been such a development in public utility enterprises as in the period since March 23, 1912, when the Railroad Commission was given jurisdiction over stock and bond issues of public utilities," declared President John M. Eshleman of the Commission speaking last Saturday before the San Francisco Chamber of Commerce.

"I will quote you the figures. In the two years and three months to June 30, 1914, applications were made to the Commission for authority to issue securities of all kinds to the amount of \$398,000,000.

"The Commission authorized the issue of \$284,000,000 of securities. It has denied or dismissed applications for \$32,000,000, and the balance are waiting decision.

"For the steam railroads of this state in that period there has been authorized \$126,000,000 of securities, for electric railways, \$11,000,000, for gas and electric companies, \$80,000,000.

"Certainly that does not look like arrested development," said Eshleman, whose address was upon the question, "Does Regulation Hurt Business?"

"A public utility is monopolistic in its nature," he continued. "It deals directly with the individual. Alone, the individual is powerless. Simple justice requires that the state provide a tribunal as between the public utility and its patrons.

"Regulation has begun by substituting the sovereignty of the state for the sovereignty of the corporation.

"You do not have to go on your knees to anybody to ask for that which is rightfully yours. The humblest citizen can stand on equal footing before the largest corporate interest. That is the deep-down, bed-rock, immutable principle upon which regulation must rest.

"The state's jurisdiction over public utilities embraces the regulation of rates, the regulation of service, and the regulation of finances.

"There has not been a single readjustment of rates which has not been founded upon abundant facts to sustain the adjustment. Only one rate reduction made by the California Commission has been appealed to the courts,

and then the Commission was completely upheld.

"The reduced rates fixed by the Commission have gone into effect as the operating rates, and those are the rates you, as patrons of the railroads, gas companies, telephone and electric companies, are paying today.

"Regulation has given you a cheaper freight rate into the San Joaquin valley. It has lowered your shipping cost into the Sacramento valley.

"Your long distance telephone rates have been reduced to a fairer basis. Prior to the ruling of the Commission Wells Fargo and Company was reaping annually a profit in California of 136 per cent. Now if it hurt business to reduce that profit down to 10 per cent. It was a business that ought to have been hurt.

"We have found some freight rates in this state so abnormal as to constitute a positive barrier to honest business enterprise. Some producers in the Owens River Valley were unable to get their crops to market at Los Angeles by reason of abnormal freight rates.

"The reduced rate is making markets available to you men of San Francisco. At the same time these lower rates enable the grower, the orchardist and the farmer to get their produce to market to better advantage.

"A total of more than 700 miles of railway have been undertaken and carried forward under the regulation of the California Commission. And this is only a part of actual development. The sums for new equipment will approximate \$15,000,000. Gas and electric companies are spending \$80,000,000 for projects under regulation.

"Gentlemen, the day has passed when you can issue stocks and bonds with a shovel in California, and the sooner we come to realize it the better. The only business that has been hurt is the business of the flim-flam promoter.

"A representative of a very large corporation said recently that the Commission's supervision of a bond sale has saved the corporation \$300,000.

"The new question you gentlemen must answer is not to be "Does Regulation Hurt Business," nor "Is Regulation Desirable," but already we may read in the sentiment of the day the new question, "Shall It Be Regulation or Shall It Be Public Ownership?"

PHILIPPINE LUMBER INDUSTRY.

There are some 60,000 square miles of timber standing in the Philippines, of which two-thirds is virgin forest, according to a pamphlet, "Lumbering Industry of the Philippines," just issued by the Bureau of Foreign and Domestic Commerce, of the Department of Commerce, as No. 83 of its Special Agents Series. The commercial output of lumber has been steadily increasing and has practically quadrupled in the last seven years, amounting to over 112,000,000 board feet in 1913.

Although the hardwood products of the Philippine forests rank with the best in the world for cabinet work, construction and various uses in which durability is an essential factor, very little of the yearly output has reached the outside world, as the home demand is more than sufficient to absorb the whole present supply. The industry is capable of very great expansion, according to those now engaged in the

business. The director of forestry estimates the amount of timber that could be removed annually without diminishing the productivity of the forests at ten times the present output. Capital is the principal factor necessary to develop the industry.

American sawmill and woodworking machinery will find a promising market as the lumbering industry develops according to the publication. In general the American machinery so far used has been very well liked, and nearly all sawmill and woodworking machinery now imported comes from the United States. About the same kind of equipment for sawmills as is used in the United States is in demand, but band-saws and solid-tooth circular saws, although more efficient, can be used but very little because of the class of labor available and the difficulty of making repairs.

NEW ROADS FOR WISCONSIN.

More than \$4,000,000 worth of new roads, about 1,400 miles, will be built in Wisconsin in 1914, announces the state highway commission. This is 500 miles more than were built in 1913, in which more than \$3,000,000 was spent.

The state will distribute among the counties about \$1,240,000. Requests for more than \$1,550,000 of state aid have been made, but the state will fall short by \$350,000. This amount will be made up by the counties. More than 1,400 separate pieces of road were completed in 1913.

Up and Down the Coast.

RICHMOND, Contra Costa Co., Cal.—H. J. Jones & Co., of Australia, are contemplating the erection of a large jam and jelly plant in this city. The capital of the company is \$5,000,000 and it is expected that they will erect buildings here amounting to \$500,000. A. J. Cox is the San Francisco representative of the company.

RIVERSIDE, Riverside Co., Cal.—Building permits in this city for the month of July amounted to \$20,107. Of this amount fifteen of these permits were for new buildings.

SAN FRANCISCO—The repeal of an ordinance requiring the payment of a license fee of \$125 a year by every contractor engaged in the work of erecting patent chimneys was requested by a delegation of sheet metal workers who appeared before the Building Committee of the Supervisors. It was stated that small operators were unable to pay this amount and were forced out of business. It was suggested by the delegation that a fee of 50 cents be placed, to cover the cost of inspection, on each flue erected. The matter has been laid over until the meeting of August 18th.

CHICO, Butte Co., Cal.—The Business Men's Association of this city held a special meeting last week to discuss the proposed ferry between Butte and Glenn counties, which they have been endeavoring to put through for the past two years. A right of way was decided upon through the James D. Phelan ranch, but was practically turned down by Phelan. A committee has been appointed to select a new site. The committee is composed of D. J. Murphy, Martin C. Polk, Supervisors R. P. Holmes and D. H. Evans.

RED BLUFF, Tehama Co., Cal.—The report of Timber Cruiser Ranken shows \$21,000,000 feet of timber on one section in the eastern part of the country. He said that the assessed valuation of this piece of land was \$6,000, and the estimated valuation now will amount to \$24,000, making a gain of \$18,000. Ranken reports having cruised 32,000 acres of timber with his crew of twenty-two cruisers and in most all cases there will be large gain in valuation.

MODESTO, Stanislaus Co., Cal.—Building permits in this city for the month of July shows a substantial increase, in a report compiled by City Clerk W. O. Thompson. According to the statistics the aggregate valuation of the buildings for which the permits were issued last month is \$15,150, as against \$4,700 in June and \$8,200 in July of last year.

FRESNO, Fresno Co., Cal.—Building activities in this city for the month of July, as shown in a report by Building Inspector Scott, amounted to \$155,365. Of this amount \$149,765 was invested in the erection of new buildings, leaving \$41,790 which was used in the repairs and alterations of old structures. Since the first of the year this city issued permits to the valuation of \$893,166.

WOODLAND, Yolo Co., Cal.—Word has been received here by L. H. Stevens, of the Woodland Library Trustees, that the additional grant of \$12,000 has been granted by Andrew Carnegie. Plans for the building are now being prepared and bids will be taken at an early date.

SACRAMENTO, Cal.—Plans are practically completed for the establishment of a municipal machine shop in connection with the Corporation Yard at 31st and R streets in this city. City Machinist Glackin has charge of the work.

OROVILLE, Butte Co., Cal.—Bids will be received here by the Butte County Supervisors at the Court House for the construction of a concrete bridge, 50 feet long and 46 feet wide over Chico Creek in the Esplanade at Chico, until August 7th. Bids will also be received on the same date for the construction of a concrete and steel trestle 260 feet long in the Parrott Grant Lane, eight miles west of Durham. C. F. Belding is the Clerk.

REDBLUFF, Tehama Co., Cal.—A road extending from Red Bluff to Eureka, a distance of 170 miles, is the plans of State Engineer McClure and Road Engineer Edward Goodwin. These engineers have recently returned from a trip through Trinity county, during which they inspected the proposed highway.

The eastern extension of the main road in Trinity county from Peanut to Beegum, a distance of 25 miles, now a 23 per cent grade, will be cut to a 6 per cent grade. Tehama has agreed to build a road from Red Bluff to Beegum, and the people of Humboldt will fix fifteen miles of road connecting with the Red Bluff-Eureka highway.

These road projects will be presented to the next Legislature and appropriations for construction will be asked.

WILLOWS, (Glenn Co., Cal.)—Contractor W. R. Zumwalt, who is building the \$60,000 Willows High School, has been awarded the contract for erecting a new school building in the

Brooke District. The new building will be of reinforced concrete and will cost about \$6,628. Construction will start immediately.

REDDING (Shasta Co., Cal.)—The Supervisors have accepted the County Surveyor's plans for another Pitt River bridge. The new bridge, either steel or wood, will span the stream on the old Winter's toll road, five miles below Fall River Mills. The span is 105 feet.

COLUSA (Colusa Co., Cal.)—Work has been started on the Long Bridge, between Williams and Colusa. The old bridge has been removed and the laying of the foundations for the new one are now in progress.

WILLOWS (Glenn Co., Cal.)—The City Trustees have awarded the contract for paving Tehama street from Oak to Willow streets, a distance of three blocks. Clark & Henery of Sacramento, were the successful bidders, their bid being \$18,000.

ETNA MILLS, Siskiyou Co., Cal.—Bonds voted here in the sum of \$21,000 carried by a large majority. The proceeds of the election will be used in the construction of sewers.

RICHMOND, Contra Costa Co., Cal.—L. L. Page has been awarded the contract for improving Clinton avenue, his bid being \$16,193.17.

RICHMOND, Contra Costa Co., Cal.—Survey plans for a sewer for the western part of Richmond, which will cost \$50,000, are now ready to submit to the City Council by the Engineering Department. The proposed sewer will empty into San Pablo Bay and will drain large districts at that point, portions of North Richmond and the Brown and Andrade Tracts.

NEW ILLUMINANTS.

As a substitute for the ordinary glass lamp globe there has been introduced in Germany a globe made of thin, translucent marble. The light produced from this globe is declared by experts to be almost the exact counterpart of daylight. Another Germany novelty in illuminating consists of a screen coated with an aluminum powder which, when placed before a light, transmits a glare exactly like daylight, by means of which even colors can be judged with perfect accuracy.

Should these German discoveries prove to be all that has been claimed for them, they will doubtless be universally adopted. Artificial light that is a perfect substitute for daylight is what the world has been waiting for. Physicians are agreed that impaired eyesight and shattered nervous systems are caused by the defective, man-made light. In the workshop, in the church, in the theatre and in the home artificial daylight would be adopted as eagerly as the old-fashioned carbon filament lamps were abandoned for the tungsten, as completely as clear glass globes have been replaced by glazed or opaque globes, and as gratefully as the indirect system of lighting is being substituted for the direct system.—Philadelphia Press.

A United States Government engineer has patented and dedicated to the public easily transported apparatus for mine rescue work in cases where the regular hoisting apparatus has been damaged.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

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Pacific Exposition To Be Erected By James
W. Young. Designed By Architect William
Beasley, San Francisco

Modern Apartment House For Margaret V.
Coleman, Edward H. Coleman, and Daniel G.
Coleman. Designed By Architect William
Beasley. San Francisco.

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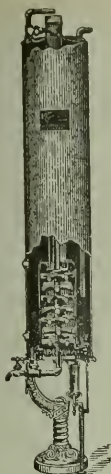
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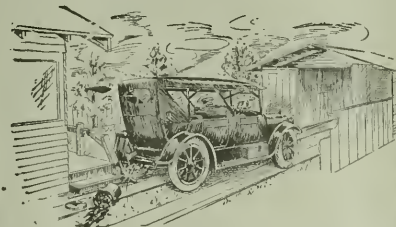
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OFFICIAL ORGAN

of the
CONTRACTORS' and DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

The building record for July in San Francisco amounted to over 3 million dollars. The figures were made up of the following particulars: Brick and concrete construction, \$1,016,703; frame, \$753,671; alterations, \$131,174; total of private construction, \$1,931,548. To this is added Panama Exposition contracts of \$556,474; city buildings, \$79,720; State buildings, \$484,000, making a grand total of \$3,085,402. This is the best statement of any month of the year to date except March when the total amounted to \$3,507,763.

This is about on an average with the cities throughout the Union. Official reports made from 72 cities throughout the country to the American Contractor, Chicago, show the best statement of the current year. The comparative figures are given herewith:

City	July, 1914	July, 1913
Akron	\$ 405,960	\$ 725,565
Albany	692,005	315,770
Atlanta	495,902	434,943
Baltimore	837,458	394,089
Birmingham	468,385	379,017
Boston	377,847	.....
Bridgeport	313,945	193,727
Buffalo	985,000	908,000
Cedar Rapids	405,000	319,000
Chattanooga	116,370	552,690
Chicago	9,148,760	6,035,000
Cincinnati	1,055,320	582,400
Cleveland	2,532,050	2,746,310
Columbus	3,713,210	3,118,748
Dallas	941,580	806,250
Dayton	630,700	240,260
Denver	222,223	234,670
Iowa Moines	140,690	121,164
Detroit	3,121,750	2,645,455
Duluth	266,259	236,413
East Orange	169,522	129,690
Evansville	128,645	122,990
Fort Wayne	333,500	256,100
Grand Rapids	169,855	242,782
Harrisburg	223,275	409,055
Hartford	311,985	870,055
Indianapolis	1,140,969	1,060,586
Kansas City	1,012,055	857,475
Lincoln	58,750	126,175
Los Angeles	2,081,396	3,524,214
Louisville	482,390	348,980
Manchester	531,496	162,035
Memphis	335,006	504,266
Milwaukee	883,197	1,737,967
Minneapolis	1,326,095	1,053,770
Newark	1,172,043	1,507,689
New Haven	126,890	364,486
New Orleans	565,392	363,500
New York City .....	.....	.....
Manhattan	4,605,350	7,807,500
Bronx	2,263,983	1,590,139
Brooklyn	3,679,916	2,896,035
Brook of Queens	2,439,810	1,455,523
Boro of .....	.....	.....
Richmond	201,130	382,440
Total	13,290,219	13,821,637
Oakland	459,665	660,588
Oklahoma	20,880	13,412

Omaha	402,605	392,525
Paterson	229,546	253,590
Peoria	222,200	199,375
Philadelphia	4,661,850	3,468,700
Pittsburgh	1,510,212	777,128
Richmond	461,949	147,435
Rochester	1,067,101	511,733
San Antonio	228,947	241,965
San Francisco	3,085,402	3,826,998
St. Joseph	80,967	57,109
St. Louis	1,287,859	1,045,730
St. Paul	1,053,100	923,655
Scranton	167,155	133,516
Seattle	2,520,590	1,414,620
Shreveport	149,212	158,361
Sioux City	320,050	175,000
South Bend	154,412	113,472
Spartanburg	229,635	110,929
Springfield, Ill. ..	74,800	81,075
Tacoma	96,551	529,599
Toledo	569,579	671,605
Topeka	64,490	120,997
Troy	51,827	167,840
Utica, N. Y.	128,375	273,250
Washington	1,192,883	709,160
Wilkes-Barre	108,413	633,419
Worcester	571,749	385,999
Total	\$73,158,408	\$65,834,098

German scientists and medical men have done much to alleviate the suffering of mankind and have accomplished much in the line of scientific investigation. The world has progressed rapidly of late in the line of preventing disease, it has taken cognizance of the fact that certain industries are dangerous to the persons employed therein and provisions have been made to protect the people injured in these occupations. Disease prevention has been the line upon which the great constructive work of the world has been going on. But this kind of effort is not agreeable to the aristocracy that have enjoyed special privileges so long. It takes away from it the apology for its existence. And in the history of the world the eras of reform have always been followed by a war or a war scare.

So it would seem that the present war is as much the bringing about of the military aristocracy to prevent further humanitarian legislation as anything else. Money spent for war on disease can not be spent for arms and ammunition and wholesale murder. Expenditures for supplies for the protection of mothers and infants can not be used for the slaughter of innocents.

The present war oceans debts and maimed, diseased, and crippled humanity. It means the turning back of progress for more than a generation. It means the waste of money and of human life in a vain struggle to satisfy the greed of a handful of barbarian kings.

Germany is crying "Hoch der Kaiser," and all the rest of Europe is crying "Poke der Kaiser."

Contractors' Bonds As Substitutes For Liens.

The Lien as Basis of Credit, the Difficulties of Framing Law and Its History.

Henry A. Alexander, Attorney, Atlanta, Georgia.

The impression that the liens of materialmen are a special and unmerited privilege is a misconception. They are in reality only one of a number of expressions of two fundamental legal principles: First, that the law should give the creditor every possible aid in the collection of his debt short of interference with innocent third parties and the normal course of business; and second, that in the sale of property, as long as the purchase price remains unpaid, the rights of the vendor are superior to those of the vendee. They stand upon the same basis as the vendor's lien and the attachment of property upon default of payment of purchase price. Where these principles are not enforced, it is not because of the unwillingness of the law, but because of the nature of the thing sold. Property which is consumed in its use cannot be attached for purchase money or subjected to a vendor's lien, not because the vendors have not the right, but because the thing itself cannot be found. It so happens with the materialman that his goods have a permanent form and that he can give notice of his claim to third persons by its registration on the public records, and there is no reason why the principles referred to should not be applied to his case.

The Lien as Basis of Credit.

But merely to show that the materialman is not a recipient of special favors falls far short of a complete statement of his position. His effective protection tends to promote the permanent improvement of land, and is a vital factor in the development and growth of the community. A materialman's lien constitutes, in proportion to its effectiveness, a basis of credit, both for the owner of real estate, who, though lacking sufficient cash capital, is thus enabled to improve it, and for the contractor, who, though he be without capital, may on the faith of the security afforded them by the law, obtain from materialmen the necessary supplies for the execution of his contract. The direct result is to bring into the business of contracting many persons of character and ability who would otherwise be excluded.

That is not alone the demands of materialmen that sustain the lien laws is shown by the fact that many of them hold the view that their business could be conducted upon a far more satisfactory basis if there were none at all, thus compelling them to look solely to the personal credit of the contractor in extending credit. This, however would be unfortunate for the public in throwing the business of contracting into the hands of the limited number of those contractors with capital and resources who could satisfy materialmen that their accounts would be duly paid, thereby eliminating from the business thousands of competent and honest men,—a condition which would tend directly to increase the cost of building. It is these considerations, in the writer's opinion, which, in the face of the feeling that they are

a special and arbitrary privilege, have kept the lien laws upon the statute books of every State in the Union.

Difficulties of Formulating Law.

It is true, however, that the nature of the subject is such as to make it exceedingly difficult, if not practically impossible, to formulate a lien law that will be at once just, effective, and practicable. Under those now existing, the factors entering into the liens of materialmen furnishing supplies through contractors are so numerous and complicated that successful establishment is the exception. It is probably true that only a minor proportion of those claimed and filed could withstand a thorough contest. The greater part of such efficacy as they have grows out of the fact that when entered on the court records they constitute a cloud upon the title and a possible source of danger to subsequent purchasers or mortgagees, thereby, through their unwillingness to take chances, causing attorneys, in the examination of titles, though doubting the validity of the lien, to require its cancellation and removal.

The drafting of a just and effective lien law is a task beset with problems, most of which permit a solution only by a choice of difficulties. Among the lesser is the determination of how far the privilege of the lien should extend along the chain of contractors between the principal contractor and the sub-contractors and materialmen under him. Another is, whether the lien should be retroactive and relate back to the date of the beginning of work or the furnishing of material, or take effect only from its filing and entry on the public records. Another is the proper rule of priority between the lien and a prior mortgage as to the improvements themselves for which the lien is claimed. Another arises when the contractor fails to complete his contract, with part of the contract price still remaining in the hands of the owner, leaving materialmen's liens unpaid which were recorded prior to his default. The question then is, Shall the owner be allowed to take this balance to complete the contract, or must he apply it to the payment of the recorded liens? Another is the proper method of fixing the amount of the lien when the contract price is found to be insufficient to discharge all—whether by the amount due the contractor by the owner at the time of the service of notice by the materialmen, or, after completion of the work, by a marshaling of the liens and an apportionment of the balance of the contract price among them. But the fundamental difficulty is this: In its ultimate analysis, every lien law is in effect a garnishment or impounding of the contract price in the hands of the owner in order to apply it to the claims of those from whom the principal contractor has procured the labor and material entering into his work. In most of the States, this garnishment or impounding is effected by a written notice to the owner, served upon him by the material man or subcontractor

a short period after the completion of the work, and thereupon a lien for their account arises in their favor, limited by the owing by the owner to the principal contractor at the time of the receipt of the notice. In other States, the garnishment or impounding is effected by mere operation of law, the statute making it the duty of the owner, without notice from the materialmen or subcontractors, to retain a sufficient sum to pay their accounts.

Weakness of Systems.

The underlying weakness of both these systems is that, to an indeterminate extent, they seek to require the owner to retain in his possession for the benefit of the subcontractors and materialmen funds which, by the terms of his contract, or by the practical necessities of the case in order to prevent the stopping of work, he is compelled from time to time, to pay out to the contractor. In those cases where the contractor is honest or solvent and the cost of the work does not exceed the contract price, the results may be satisfactory. But where the contractor is dishonest or insolvent, or the cost of the work exceeds the contract price, or there is collusion, either between the owner and the contractor, against the materialmen, or between the contractor and the materialman against the owner, these laws can afford but very little protection. Herein lies the inherent defect of all lien laws,—a defect which the writer is inclined to think cannot be overcome. On account of these various difficulties, all legislation on this subject has been simply a swinging back and forth of the pendulum between alternate evils,—between laws that seem to favor unduly the materialmen and those that seem to favor unduly the owner. It is no surprise, therefore, to find, for example, that while, in the state of Georgia, an attachment law enacted in 1799 has served all needs for more than 115 years with not over half a dozen amendments there have been no less than forty-nine acts relating to the protection of materialmen. The same is true in greater or lesser degree in practically every other state. In Kentucky, there have been no less than seventy-seven attempts to enact a satisfactory materialmen's lien law.

Conceding that the securing of materialmen affects to a large degree the general welfare and that the theory on which all modern lien laws are based—the impounding of the contract price in the hands of the owner—is largely impracticable, it becomes an important consideration to find a substitute.

Toward the accomplishment of this end, certain legislation of the state and Federal governments during the last twenty years, and the practice of the bonding companies of the country, offer valuable suggestions.

History of Legislation.

In 1894, the Federal government enacted a law requiring persons contracting with the government for do-

ing public work to incorporate in their bond, conditioned for the faithful performance of their contract, an additional obligation that he would make prompt payment to all persons furnishing labor and material in the execution of the contract, and giving them a direct right of action on the bond. The considerations underlying this legislation were doubtless, first, the providing of a substitute for the ordinary lien, which does not exist against public property; and, second, to avoid the moral wrong of the government taking the supplies and labor of subcontractors and materialmen when their claims had not been settled by the principal contractor. That legislation has proven a marked success, and its results have been excellent in every way. In 1905, the original act was amended, defining more clearly the rights of the respective parties under the bond and the proper procedure to enforce them. In 1899, the state of Tennessee enacted a similar statute, with the additional provision that the failure of the public officer in charge of the work to exact such a bond should constitute a misdemeanor. In 1810, the legislature of Georgia passed a similar bill, introduced by the writer, who was then a member. In its final form there was no provision for criminal liability for default in exacting the bond, which was left to stand upon the basis of ministerial duty. In 1903, a like act was passed in the state of Oregon.

In 1894, the legislature of the state of Louisiana enacted a law which carries the idea one step further. By it, the private builder was required, upon the penalty of subjecting himself to a direct personal liability to materialmen and subcontractors, to exact from the principal contractor a bond with approved security, conditioned to promptly pay the bills of laborers and materialmen, who were given a direct right of action on the bond. The far-reaching significance of this act lay in the fact that it applied the idea embodied in the Federal act of 1894 to the owners of private property. It was operative only in cities having more than 50,000 inhabitants which contained it to the city of New Orleans. In 1896, it was amended to include cities having more than 10,000 inhabitants. In 1906 and 1908, its scope was further enlarged; and by the act of 1912, its operation was made general throughout the state, the only limitation being that the contract should exceed \$1,000. When it is remembered that the life of the average lien law is not over four or five years, the comparatively long period that this system of securing materialmen has continued and its gradual extension seem strong evidence of its satisfactory working. Moreover, the testimony of materialmen, bonding companies, and attorneys in Louisiana is that it has proven a distinct success.

The Louisiana Statute.

In considering whether the Louisiana statute offers a solution of this vexed problem, an important circumstance to be noted is that the bond required is to a great extent the same that the surety companies of the country have been writing for contractors in favor of private builders for a number of years, and with generally satisfactory results. This latter bond, on which a premium of $\frac{1}{2}$ of 1 per cent of the contract price is charged, is con-

ditioned for the performance by the contractor of his contract, and the delivery of the structure erected by him free from all liens. In most states, it has been decided that this bond, being a contract between the owner and the contractor, subcontractors and materialmen not being parties thereto, have no right of action upon it. In other states, a contrary rule prevails. In the latter, the practical effect of this bond, when given, is that of the Louisiana statute. In giving to subcontractors and materialmen a right of action on the bond, the Louisiana statute seems but a natural evolution, and effectuates the real intent and spirit of the voluntary bonds. It is significant that in Louisiana all the bonding companies in the United States are writing these statutory bonds for the same premium as the voluntary bond when the penalty of the bond is less than or equal to one-half the contract price, that is for $\frac{1}{2}$ of 1 per cent on the whole contract price. Where the penalty of the bond exceeds one-half of the whole contract price, the premium is 1 per cent of the penalty of the bond, and where the penalty of the bond is greater than the contract price, the

premium is 1 per cent of the contract price.

In its practical operation, the premium of the bonding company is doubtless added by the contractor to the cost of the building, and is thus finally paid by the owner. It seems reasonable to expect that its effect elsewhere would be, as in Louisiana, to introduce a high degree of safety and certainty into building operations. Whatever disposition it would create on the part of materialmen to be careless as to the contractor to whom they sold would be more than counterbalanced by the disposition of bonding companies and others who should undertake to become sureties to scrutinize the character and competence of the contractor. It would also be reasonable to expect that, with the practical certainty of payment, there would come a tendency to lower the price of building supplies. If the effect of such legislation would be to secure all of these important benefits at the cost only of a premium of not exceeding 1 per cent on the cost of the building, it would seem to be well entitled to the careful consideration of other states.—Case and Comment.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of California street east of Leavenworth, covering an area of 27½ by 84 feet. There will be six apartments of three rooms each. All suites will have wall beds and private bath rooms. Interior of the apartments will be finished in pine with some elm panels and hardwood floors. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and pressed brick veneer. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$75,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. The building will cover a ground area of 60 by 100 feet, and will have a light steel frame with brick exterior walls. Interior has been arranged for a total of sixty suites of two and three rooms. There will be wall beds and private bath rooms. Pine, elm and oak will be used for interior finish. All bath rooms will have tile wainscot and composition floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$17,000. Architect, Albert Schroeffer, Foxcroft Bldg., S. F. Owner, L. D. Stoff, 215 Montgomery street. The building will be erected at the southeast corner of Clayton and Grove streets, and will contain eight large apartments with

private garages in the basement. Interior of the suites will be finished in pine and elm panels with oak floors in the living rooms and dining rooms. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the building will be covered with rustic and a brick veneer. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 5 or 6 story and base, brick and steel. Cost not stated. Architect, Joseph Cahen, 45 Kearny street, S. F. Owners, Joseph Cahen and A. Tonn. The building will be erected at the northwest corner of Sutter and Jones streets covering an area of 127½ by 127½ feet. The property has recently been purchased and the new owners have not fully decided to build on the entire area or only a portion. The building will be arranged for suites of two, three and four rooms with private baths and wall beds. Interior finish will be largely of pine with some elm panels and oak floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. Exterior will probably be faced with pressed brick and terra cotta. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected on 26th avenue near Lake, and has been designed for apartment flats. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with rustic and ce-

ment plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$25,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on College avenue near Claremont, covering an area of 70 by 70 feet. Interior will be arranged for two and three room suites. Pine and elm panels will be used for interior finish. All suites will have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Plans provide for steam heat and a hot water supply. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Apartment house light fixtures, ornamental iron work, wall paper and furnishings. Cost not stated. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. Lange. The building at the corner of Grand avenue and Park View Terrace is now nearly completed, and the architect is taking figures for the above mentioned work.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$45,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co., 333 Kearny street, S. F. The building will be erected at the northwest corner of Hyde and Sacramento streets, covering an area of $37\frac{1}{2}$ by 90 feet. There will be a total of nine apartments of two, three and four rooms. All suites will have wall beds and private baths. Plans provide for steam heat and a hot water supply. An automatic elevator will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house alteration. Cost not stated. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner's name withheld. The present three story frame dwelling located on Haight street near Fillmore will be altered into a modern apartment house. The work will require plastering, painting, interior finish, plumbing and electric work. Wall beds will be used. Plans are being prepared.

VENICE, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, brick, cost not stated. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, J. M. Elliott. The building will be erected on Trolleyway near Horizon, and has been designed to contain stores on the first floor and a number of two and three room suites on the upper floor. Interior will be finished in pine throughout. Plans provide for wall beds and private baths. There will be steam heat. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

HOLLYWOOD, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, J. Small. The building has been designed to contain stores on the first floor and apartments of two and three rooms above. Interior will be finished in pine. There will be wall beds and private baths. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a

hot water system. Exterior will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architect, Richard D. King, 1. W. Hellman Bldg., L. A. Owner, L. Elghiera. The building will be erected at the southeast corner of 7th and Westmoreland, covering an area of 56 by 134 feet. There will be a total of 75 rooms, which will be arranged in suites of three, four and five rooms. Interior will be finished in pine and hardwood with hardwood floors in the larger suites. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, Peter W. Ehlers and A. W. Rieve, California Bldg. Owner, R. D. Manning. The building will be erected on Beaudry street, and will cover an area of 10 by 150 feet. Besides the apartments of two and three rooms, the building will contain a large lobby and amusement room. Interior will be finished in pine with some hardwood veneer. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds and private baths. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction, \$47,000. Architects, Zanolini & Jewett, 604 Montgomery street, S. F. Owner, Mrs. Mary A. Bradbury. The building will be erected at the northwest corner of Polk and California streets, having a frontage of $112\frac{1}{2}$ feet on Polk and 50 feet 9 inches on California. There will be seven stores on the first floor besides the entrance. Upper floors will be arranged for two and three room apartments with private bath and wall beds. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water service. An automatic elevator will be installed. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction. Cost not stated. Architect, L. L. Jones, Central Bldg., L. A. Owner, Mrs. Allie Tompkins. Contractors, Munson & Cattanch, Douglas Bldg., L. A. Contract price not stated.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$85,000. Architect, J. A. Creutzer, New York Bldg., Seattle. Owner Claude C. Ramsay. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$85,000.

BONDS.

RICHMOND, CONTRA COSTA CO., CAL.—The Board of Water Commissioners have instructed City Attorney Hall, as manager of the commission, to

prepare a resolution establishing September 22nd as the date on which the water election will be held.

The narrow margin of votes by which the recently proposed issue failed to carry has been assurance to the commissioners that the public, while feeling the necessity of establishing a dependable water system, will this time vote in favor of the bonds. The bonds are for \$2,500,000.

BEAUMONT, RIVERSIDE CO., CAL.—A bond election held in this city last week for lighting bonds in the sum of \$2,000; and for the grading, scarifying and graveling of streets at \$8,000 carried by a large majority.

On the lighting bonds the vote was 177 in favor of the issue and 63 against; road bonds, 166 for the issue and 72 against. As soon as the bonds are disposed of actual construction will commence.

PETALUMA, SONOMA CO., CAL.—A special election will be held in this city some time in November for the purpose of voting bonds amounting to \$75,000 to be used in improvements.

The bonds will be voted as follows: \$20,000 for the improvement of Washington street from Hopper to Main; \$45,000 for the elimination of Thompson Creek, and \$10,000 for one hundred electroliers.

FRANKLIN SCHOOL DISTRICT, SUTTER CO., CAL.—Sealed proposals will be received by the Board of Supervisors on August 27th for the purchase of bonds amounting to \$5,000. Funds are to be used in the construction of a school building. D. D. Green is the County Clerk.

OROVILLE, BUTTE CO., CAL.—The Manzanita School District has voted a bond issue of \$12,000 for the purpose of erecting a new school building. The issue carried by a vote of 48 to 21.

HENDERSON SCHOOL DISTRICT, SHASTA CO., CAL.—Bonds of \$4,500 have been sold to the Bank of Lodi for par and accrued interest. Attorney G. M. Steele represented the district.

DAVIS SCHOOL DISTRICT, YOLO CO., CAL.—The issue of this school district's bonds of \$7,500 has been sold to the Stockton Savings Bank at par and accrued interest, and a premium of \$128 was paid. Attorney H. R. McNoble represented the district.

OAKDALE, STANISLAUS CO., CAL.—Petitions which were being circulated throughout this city have been practically completed for the bond election to be called to vote \$40,000 to entirely complete the Oakdale irrigation system, which will take in every part of the district.

The additional funds are to be used in the building of laterals on land now ready to be developed, and in the construction of spillways, which will permit the ditches to run level full all the time.

The election will be held sometime in November.

SACRAMENTO, CAL.—Preparations to have the Board of Supervisors issue a proclamation for a bond election September 16th for \$3,425,000 for good roads in Sacramento County are being made by the Sacramento County Highway Commission. The election will probably take place September 26th.

ORANGE, ORANGE CO., CAL.—An ordinance has been passed by the Board of City Trustees providing for the issuance of bonds in the sum of \$10,000 for purpose of erecting and

completing a reinforced concrete bridge on East Chapman avenue, across Santiago Creek, in the city of Orange. C. W. Hallman is the City Clerk.

DOWNNEY, LOS ANGELES CO., CAL.—An election held here on August 11th, bonds of \$35,000 for the purchasing of a site and the erecting of a new school building, carried by a large majority. The land adjoins the present site of the high school.

ORANGE, ORANGE CO., CAL.—A resolution, instructing the City Clerk to advertise the sale of \$10,000 Chapman avenue bridge bonds, has been adopted by the Supervisors here.

OCEANSIDE, SAN DIEGO CO., CAL.—Petitions are being circulated by the Oceanside Improvement Club asking the Trustees to call a special election for the purpose of voting bonds in the sum of \$15,000 for the erection of a city hall and pavilion, each to cost about \$7,500. It is proposed that both be of reinforced concrete construction.

OAKDALE, STANISLAUS CO., CAL.—Arrangements have been practically completed for the holding of an election in September in the Oakdale Irrigation District to vote bonds in the sum of \$100,000 for the completion of the irrigation system. The funds will be used for the construction of laterals and spillways.

MOUNTAIN VIEW, SANTA CLARA CO., CAL.—The Mountain View School District is preparing to hold a bond election September 5th to vote \$8,000 bonds for much needed school improvements.

MERCED, MERCED CO., CAL.—A special school bond election was held in Merced for the purpose of voting on the proposition of \$3,500 bonds to purchase the old First Presbyterian Church property, which occupies one corner of the lot occupied by the grammar school building and grounds. The proposition carried by 98 to 5.

MADERA, MADERA CO., CAL.—The Trustees of Madera, after discussing the proposed \$100,000 bond issue, decided to postpone the calling of an election till late in the fall or nearly next spring. It is believed that the bonds would not carry at this time, and even if they were voted, difficulty might be experienced in making a sale.

SACRAMENTO, CAL.—A failure to include sufficient money in the \$1,032,000 annexed district drainage improvement bonds to pay for main laterals will force the city to raise approximately \$200,000 for this purpose, according to Commissioner of Finance F. E. Shaw.

Shaw said no provision was made for main laterals in the bond issue. The \$1,032,000 will only be sufficient to buy the pump site, put in the plant, construct the adjoining run-off tank and lay the main trunk line in the annexed district.

The main laterals will cost about \$200,000, and this sum must be raised by the city.

BUTTE, MONT.—Question of \$200,000 bonds for construction of sewer system was defeated at a recent election.

LONG BEACH, LOS ANGELES CO., CAL.—The special election for the purpose of allowing residents of Long Beach to accept or reject a proposition to purchase Long Beach bath house for auditorium purposes for \$700,000 and invest an additional \$400,000 in

erection of an auditorium has been set for September 22nd.

PASADENA, LOS ANGELES CO., CAL.—The Board of Education has decided to ask the people to vote additional bonds in the sum of \$30,000 to permit erection of proposed Lamanda Park and Altadena schools in accordance with original plans and specifications. Only \$75,000 is available for the buildings, which will cost \$104,141 according to bids received for the construction of the buildings.

REPUBLIC, WN.—Bonds in the sum of \$36,000 have been sold for the construction of a school building here. Plans are being prepared.

POCATELLO, IDAHO — The City Council has called a special election to be held August 25th, for the purpose of voting bonds for the following work: Bonds for \$15,000 for the purchase and building of a public park; \$20,000 for grading and paving of streets; \$10,000 for new jail improvements. Wm. H. Jackson is the City Clerk.

BRIDGES AND DAMS.

SAN FRANCISCO—Ferry Slips Nos. 6 and 7, \$51,400. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids opened by the State Board of Harbor Commissioners for constructing Ferry Slips Nos. 6 and 7 show the San Francisco Bridge Co. low at \$51,400. They will probably be awarded the work. A complete list of these figures appears under the heading of San Francisco in this issue.

OAKLAND, CAL. — Wharf, timber construction. Cost not stated. Engineer, City Engineer James E. Sutton, Oakland. Owners, City of Oakland. Plans prepared by City Engineer James E. Sutton of Oakland have been approved by the City Council. Original plans were found to be too light for the purpose to which the wharf will be put. Specifications are now being written and bids will be called for very shortly.

OROVILLE, BUTTE CO., CAL. — Bridges, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Oroville. Owners, Butte County. The Board of Supervisors approved plans for the Hooker Oak bridge over the Big Chico Creek and for the Mahle bridge over Honcut Creek at Honcut. The former will be 50 feet long, constructed of reinforced concrete and steel and will cost about \$2,000. The Honcut bridge will be 160 feet long and constructed of steel, costing \$7,000. Bids will be called for at once.

STOCKTON, SAN JOAQUIN CO., CAL. — Bridges, steel and concrete. Cost not stated. Engineers, County Surveyors of San Joaquin and Contra Costa Counties. Owners, Contra Costa and San Joaquin Counties. The Secretary of War has granted the permit to construct two steel highway bridges over the Old and Middle Rivers between Contra Costa and San Joaquin Counties. The bridges will be of combination type for road and electric cars, and each will be 26 feet wide and 520 feet long with draw spans of 260 feet. Approaches will be 135 feet long. Bids will be called for as soon as the County Surveyors can complete plans and specifications. Further mention will be made of the work.

STOCKTON, SAN JOAQUIN CO., CAL. — Bridge, reinforced concrete. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Plans have been completed for a reinforced concrete bridge to be erected over Mormon Channel on Sutter street. Plans have been approved by the City Council and figures are now being taken. Bids will be opened on August 21st. Plans and specifications can be secured from the City Clerk.

ESPARTO, YOLO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Woodland. Owners, Yolo County. The bridge will be erected over Cache Creek north of Esparto, and has been designed for a road bridge. Plans are complete and figures are being taken. Bids will be opened on August 27th. Plans and specifications can be secured from the County Clerk.

MARYSVILLE, YUBA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Engineer, Yuba City. Owners, Yuba County. The time for figuring the construction of the new reinforced concrete and steel bridge which is to be erected over the Yuba River at D street has been extended until September 8th. Two bids were received by the Supervisors, but were returned unopened to the bidders.

BEAR CREEK, CONTRA COSTA CO., CAL.—Bridge, concrete and timber. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Plans and specifications for the new Bear Creek bridge are complete and out for figures. Bids will be opened on September 8th. The bridge will be 45 feet long and 16 feet wide. Plans and specifications can be secured from the County Clerk at Martinez.

SUISUN, SOLANO CO., CAL.—Wharf, timber construction. Cost not stated. Engineer, none. Owner, E. D. Le Clare, Suisun. E. D. Le Clare will build a public wharf as soon as the City Trustees can adjust certain rights. If the permit is granted as asked for the wharf will be 160 feet long, otherwise a 100-foot structure will be built. Construction will be of timber.

HOLLISTER, SAN BENITO CO., CAL.—Bridges, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Hollister. Owners, San Benito County. County Surveyor McCray of Hollister presented complete plans and specifications for two bridges to the Board of Supervisors. Plans were ordered accepted. One bridge will be erected in Road District No. 5, and will be known as the Collins bridge. The other will be over the San Benito Creek on the State Highway. Bids will be called for at once.

ANAHEIM, ORANGE CO., CAL.—Bridge, reinforced concrete. \$40,000. Engineer, County Surveyor, Orange. Owners, Orange County. The Board of Supervisors has ordered the publication of a Notice to Contractors calling for bids for the construction of a \$40,000 reinforced concrete bridge to be erected connecting the towns of Anaheim and Olive. An official proposal will be published in the Orange County Plaindealer. Bids will also be called for shortly for paving the Anaheim-Olive road.

COACHELLA, IMPERIAL CO., CAL.—Bridge, reinforced concrete. \$10,000. Engineer, County Surveyor, El Centro. Owners, Imperial County. County Surveyor Fulmore has been instructed to revise plans for the proposed bridge

across the Santa Ana River at North Main street. An advertisement ordering its construction has been recalled and a new advertisement will be published shortly. Estimates on the new plans show the bridge will cost in the neighborhood of \$10,000. Construction will be of reinforced concrete.

ORANGE, ORANGE CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, City Engineer, Orange. Owners, City and County of Orange. The City Trustees decided to construct the East Chapman street bridge of reinforced concrete. The bridge will be 165 feet long and will be carried over the creek in three spans. The cost will be divided between the city and county. Work will be started at once.

BIDWELL PARK, BUTTE CO., CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Oroville. Owners, Butte County. Plans for a combination steel and reinforced concrete highway bridge 90 feet in length have been approved and are now out for figures. Plans and specifications can be secured from the County Clerk at Oroville. Bids will be opened on September 10th.

SEATTLE, WASH.—Gantry crane, \$30,000. Engineers, Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. Sealed bids will be received until September 16th for furnishing a large gantry crane which will be installed at Smith's cove. Complete information of this work can be secured from the Port of Seattle Commission.

Contracts Awarded.

UKIAH, MENDOCINO CO., CAL.—Bridge, timber construction, \$4,750. Engineer, County Surveyor, Ukiah. Owners, Mendocino County. Contractors, Roberts & Martin, Ukiah. Contract price, \$4,750.

CHICO, BUTTE CO., CAL.—Bridges, 2, reinforced concrete. Cost not stated. Engineer, County Engineer, Oroville. Owners, Butte County. Contractors, Chico Construction Co., Chico. Contract price, \$4,041 and \$3,965.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—Bridges, 2, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Luis Obispo. Owners, San Luis Obispo County. Contractors, Mercereau Bridge and Contracting Co., Los Angeles. Contract price, \$3,544 and \$2,365.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Sea wall construction, \$46,392. Engineer, City Engineer George P. Robinson, Santa Barbara. Owners, City of Santa Barbara. Contractors, Mercereau Bridge and Construction Co., Pacific Electric Bldg., L. A. Contract price, \$46,392.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 2 story and base. Class C construction, \$40,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owners, First Baptist Church. The building will be erected at the corner of Dana and Haste streets, covering a large ground area. There will be a main auditorium, Sunday school rooms, social hall and pastor's study. Interior will be finished in pine with ornamental plaster in the main auditorium. There will be steam heat. Art glass windows will be used. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the Building Commit-

tee who are now taking all figures.

OAKLAND, CAL.—Church, 2 story and base. Class C construction, \$75,000. Architect, William A. Newman, David Hewes Bldg., S. F. Owners, Oakland Christian Science Church. The building will be erected on 34th street near Telegraph, and will cover a large ground area. Construction will be of either brick and steel or reinforced concrete. Interior will contain a large main auditorium, reading rooms and lecture halls. Interior finish will be of pine and hardwood. Some art glass will be used. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with either brick and terra cotta or cement plaster. Preliminary plans only have been prepared.

Contracts Awarded.

SAN FRANCISCO—Church, 1 and 2 story, frame or reinforced concrete, \$15,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Star of the Sea Church. Contractor, James L. McLaughlin, 244 Kearny street, S. F. Contract price, \$15,000.

COURT HOUSES.

SAN FRANCISCO—City Hall carpentry and mill work, \$125,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans and specifications for the carpentry and mill work in connection with the new City Hall have received the approval of the Public Buildings Committee and the Board of Public Works has been instructed to advertise for bids. Figures will be opened on August 26th. Plans and specifications can be secured from the Department of Architecture, Temporary City Hall.

SAN FRANCISCO—City Hall elevator work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been approved by the Public Buildings Committee for the elevator work in the new City Hall and figures will be opened by the Board of Public Works on August 26th. Plans and specifications can be secured from the City Department of Architecture, Temporary City Hall.

NEW WESTMINSTER, B. C.—Court house, 2 story and base, stone and steel, \$70,000. Architects, Gardiner & Mercer, Westminster. Owners, Westminster Province. Plans and specifications for the new court house to be erected in Westminster have been completed and forwarded to Victoria for approval. Bids will be called for as soon as plans have been approved.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Shop and office, 1 story, frame and corrugated iron, \$12,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Public Works has instructed the City Department of Architecture to prepare plans at once for a combination office and shop building to be erected in the Corporation Yards at 11th and Bryant streets. Interior of the office portion of the building will be finished in pine. Exterior will be covered with shiplap and corrugated iron. Plans are now being prepared.

OAKLAND, CAL.—Creamery, 2 story and base, reinforced concrete, \$10,000.

Architect, none. Owners, Jersey Milk Cream and Butter Co., 37th near Grove, Oakland. The building will be erected on 37th street near Grove, and will contain the offices of the company, sales rooms and creamery. Interior will be finished in pine with considerable tile and marble. There will be special machinery, furnished by the owners. Exterior of the building will be faced with cement plaster. A cement floor will be used. Plans are complete and figures are now being taken by the owners.

FIRE HOUSES.

SAN FRANCISCO—Juvenile detention home, 1 and 2 story, brick, \$50,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Department of Architecture has been instructed to prepare plans for this work, but as yet has not determined upon any of the details. The exact location of the building and further information will be published next week.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, John F. Haner, 3579 19th street, S. F. The building will be erected on the west side of 14th avenue south of Anza, covering an area of 25 by 54 feet, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine throughout. Some hardwood floors will be used. Each living room will have an open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic cement plaster on metal lath and a tapestry brick base. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Oscar Thumberg, 678 9th avenue, S. F. The building will be erected on the west side of 9th avenue near Cabrillo, and has been designed to contain two flats of five and six rooms with basement garage. Interiors will be finished in pine and elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places in each living room. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Salt Lake City, Utah, Post Office.

The contract for installing window and door screens in the U. S. post office at Salt Lake City, Utah, has been awarded to E. T. Burrows Co., Portland, Me., at \$541.20.

Idaho Falls, Idaho, Post Office.

The contract for the construction complete of the U. S. post office at Idaho Falls, Idaho, has been awarded to the Sound Construction and Engineering Company, Seattle, Wash., at \$86,199.

Canal Work.

The Reclamation Service is asking for proposals for the construction of the Wallace feeder canal on the Salt River irrigation project, Ariz. The work, which is located near Phoenix, involves the excavation of approximately 68,000 cubic yards of material, 275 cubic yards of plain and reinforced concrete in structures, 80 square yards of grouted paving, laying 160 linear feet of 18-inch concrete pipe, and the erection of four bridges, involving the use of 16,480 feet, B. M., of lumber and 9,600 pounds of steel and iron. Bids will be opened after 2 o'clock p. m. August 24, 1914, at the office of the Reclamation Service, Phoenix, Ariz.

Jackson Hole, Highway Bridge.

The following bids were received by the U. S. Reclamation Service, Boise, Idaho, for constructing the Jackson Hole highway bridge:

Jackson Site.

Omaha Structural Steel Works, Omaha, Neb., schedule 5, \$10,713; 6, \$1,049; 7, \$5,044.50 and \$4,221; 8, \$10,971 and \$11,014. Total, regular, \$39,777.50; do, alternate, \$26,997.

Central States Bridge Co., Indianapolis, Ind., schedule 5, \$9,711.

Security Bridge Co., Billings, Mont., schedule 5, \$9,614.85; 6, \$2,376; 7, \$7,362.50 and \$3,925; 8, \$16,762.85 and \$12,122.85. Total, regular, \$36,115.35; alternates, \$28,038.70.

Midland Bridge Co., Kansas City, Mo., schedule 5, \$9,975; 6, \$872; 7, \$13,816.50 and \$7,300.20; 8, \$15,854.60 and \$10,780.60. Total, regular, \$39,646.10; alternates, \$28,055.80.

Gros Ventre Site.

Omaha Structural Steel Works, schedule 1, \$10,120; 2, \$1,104; 3, \$6,505; 4, \$10,130. Total, \$26,765.

Central States Bridge Co., Indianapolis, Ind., schedule —, \$9,083.

Security Bridge Co., Billings, Mont., schedule 1, \$9,987.85; 2, \$2,170; 3, \$6,272.50; 4, \$11,749.75. Total, \$29,180.10.

Midland Bridge Co., schedule 1, \$9,166; 2, \$868; 3, \$11,481.60; 4, \$9,415.20. Total, \$30,930.20.

Minneapolis Steel and Machine Co., schedule 1, \$8,478.

San Francisco, Cal., Light Fixtures.

All bids received June 10 by the supervising architect, Treasury Department, Washington, D. C., for installing lighting fixtures in the subtreasury, San Francisco, Cal., have been rejected. The work has been readvertised and new bids will be opened on August 21.

Salt Lake City, Utah, Post Office.

The bid of R. E. Campbell, Salt Lake City, Utah, \$1,994 in amount, has been accepted for making changes in workroom and basement to the U. S. post office, Salt Lake City.

Huntley Irrigation Project.

The Secretary of the Interior has authorized the Reclamation Service to award contracts as follows for the construction of drains in connection with the Huntley irrigation project, Mont.: Schedule 1, involving excavation, laying of tiling and backfilling, to the Newell-Atherly Co., of Billings, Mont., contract price, \$8,245; schedule 2, for similar work, to S. Lindstrum, of Billings, Mont., contract price, \$11,168.60.

Boise Project, Insulators.

The following bids were opened by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing under specifications No. 311 strain insulators for the Boise project, Idaho:

Central Electric Co., Chicago, Ill., \$7; 7 days.

Western Electric Co., Los Angeles, Cal., \$1.50; 2 days.

Pacific States Electric Co., San Francisco, Cal., \$1.50; 1 day.

Pierson, Roeding & Co., Los Angeles, Cal., \$3.50; at San Francisco, 3 days.

Deliveries to be made at address of bidder unless otherwise stated.

Okanogan Project, Sleeves.

Abstract of proposals, No. 316, for splicing sleeves for Okanogan project, Wash., opened at Los Angeles, Cal.:

The Clark Electric & Mfg. Co., New York City, \$5.30; Brooklyn, N. Y., 10 days.

Electric Appliance Co., San Francisco, Cal., \$4.75; San Francisco, 1 day.

Hickey & Schneider, 61 Broadway, New York City, \$5.80, Elizabethport, N. Y., 5 days.

Central Electric Co., Chicago, Ill., \$8.10; Chicago, 5 days.

Salt River, Traveling Crane.

Abstract of proposals, No. 312-F, for traveling crane for Salt River project, Ariz., opened at Los Angeles, Cal.:

Northern Engine Works, Detroit, Mich., \$3,790; Detroit, Mich., 70 days.

Manning, Maxwell & Moore, San Francisco, Cal., \$3,956; Muskegon, Mich., 90 days.

Niles-Bement-Pond Co., 111 Broadway, New York City, \$4,000; Philadelphia, Pa., 90 days.

Whiting Foundry Equipment Co., Harvey, Ill., \$4,100; Harvey, Ill., 90 days.

The Cleveland Crane and Engineering Co., Wickliffe, Ohio, \$4,300; Wickliffe, Ohio, 90 to 100 days.

The Exeter Machine Works, Pittston, Pa., \$4,920; Pittston, Pa., 120 days.

Toledo Bridge and Crane Co., Toledo, Ohio, \$6,400; Toledo, Ohio, 90 days.

Copper Strand, Milk River Project.

The following is an abstract of the bids received by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing, under advertisement No. 315, copper strand, Milk River project, St. Mary's storage unit, Mont.:

John A. Roebing's Sons Co., Los Angeles, Cal., item 1, \$242.75; 2, \$13.35; 3, \$17.40; Trenton, 20 days.

Pacific States Electric Co., San Francisco, Cal., item 1, \$4,288.10; 2, \$26.30; 3, \$21.60; San Francisco, 1 to 40 days.

B. F. Krenliff, Jr., & Co., Los Angeles, Cal., item 1, \$265, Elizabeth, N. J.; 2, \$38.70, Stamford, Conn., 5 days.

Standard U. S. Cable Co., Los Angeles, Cal., item 1, \$285.50; 2, \$31.67; 3, \$17.56; Perth Amboy, N. J., 7 days.

Electric Appliance Co., San Francisco, Cal., item 1, \$269; 2, \$33.49; 3, \$22.41; San Francisco, 6 days.

Hombird-Reynolds Co., Los Angeles, Cal., item 2, \$36.80; Los Angeles, 1 day.

National Conduit and Cable Co., Los Angeles, Cal., item 1, \$248.50; Hastings-on-Hudson, 10 days.

Central Electric Co., Chicago, Ill., item 1, \$256.75; 2, \$36.38; 3, \$19.80; Chicago, Ill.

Illinois Electric Co., Los Angeles, Cal., item 1, \$263, Philipsdale, R. I., 7 days; 2, \$23; 3, \$22; Chicago, 6 days.

Vertical A. C. Generator.

The following bids were opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for vertical alternating current generator for Roosevelt power plant, sixth unit:

General Electric Co., Schenectady, N. Y., delivery Schenectady, \$21,694; 180 days.

The Westinghouse Electric and Mfg. Co., Los Angeles, Cal., delivery East Pittsburgh, Pa., \$21,000; 150 days; alternate bid, \$22,820; 150 days.

Allis-Chalmers Co., Milwaukee, Wis., delivery Milwaukee, \$23,160; 120 days.

Wiring Material, Milk River Project.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing wiring material:

Item 1, 200 glass insulators; 2, pins and brackets; 3, switches, etc.; 4, sockets, bushings and shades; 5, circular loom; 6, porcelain tubes.

Pacific States Electric Co., San Francisco, Cal., item 1, \$12.48; 2, \$17.95; 3, \$35; 4, \$38.22; 5, \$8.40; 6, \$7.32.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., item 2, \$6.60.

Electric Appliance Co., Chicago, Ill., item 1, \$8.10; 2, \$4.50; 3, \$49.52; 4, \$9.97; 5, \$11.37; 6, \$6.

Illinois Electric Co., Los Angeles, Cal., item 1, \$8.25; 2, \$3.95; 3, \$37.70; 4, \$27.95; 5, \$9.60; 6, \$4.40.

Woodill & Hulse Electric Co., Los Angeles, Cal., item 1, \$14.35; 2, \$6.80; 3, \$19.70; 4, \$38; 5, \$7; 6, \$7.15.

Hanford, Cal., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for making plaster models for the U. S. post office at Hanford, Cal.:

Ernest Bairstow, Washington, D. C., \$555.

Lombard & Ludwig, Washington, D. C., \$665.

E. Jung, Washington, D. C., \$800.

San Francisco, Cal., Signal System.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing a signal system in the U. S. subtreasury building, San Francisco, Cal.:

American District Telegraph Co., New York City, \$2,916.64; time, November 30.

Butte Engineering and Electric Co., San Francisco, Cal., \$2,086; time, October 30.

Riveted Steel Pipes.

The following bids were opened at the U. S. Reclamation Service, Los Angeles, Cal., under Specification No. 273, for furnishing riveted steel pipes, Milk River project, Mont., St. Mary's Storage Unit:

Bid 1. Wm. B. Pollak Co., Youngstown, Ohio.

2. Struthers-Wells Co., Warren, Pa.

3. Petroleum Iron Works Co., Sharon, Pa.

4. The East Jersey Pipe Co., 50 Church street, New York City.

5. Ritter-Conley Mfg. Co., Pittsburgh, Pa.

6. Chicago Bridge and Iron Works, Chicago, Ill.

7. Fulton Engine Works, Los Angeles, Cal.

Place of delivery: Bid 1, Youngstown, Ohio; 2, Warren, Pa.; 3, Sharon, Pa.; 4, Patterson, N. J.; 5, Brownling,

Mont. 6, Browning, Mont. 7, Los Angeles, Cal.

Item 1.—Material, St. Mary's River Crossing—Bid 1, \$11,315; 2, \$11,301; 3, \$11,900; 4, \$11,755; 5, \$16,750; 6, \$18,000; 7, \$31,300.

Price per lb.—Bid 1, 2.05c; 2, 1.89c; 3, 1.98c; 4, 2.02c; 5, 2.08c; 6, 3.1c; 7, 4.33c.

Weight—Bid 1, 553,167 lbs; 2, 581,400 lbs; 3, 600,000 lbs; 4, 695,490 lbs; 5, 597,000 lbs; 6, 580,000 lbs; 7, 737,000 lbs.

Time—Bid 1, 90 days; 2, 150 days; 3, 120 days; 4, 35 days; 5, 150 days; 6, 120 days; 7, 150 days.

Item 2. Material Hall's Coulee Crossing.—Bid 1, \$7,235; 2, \$7,349; 3, \$7,700; 4, \$8,087; 5, \$10,175; 6, \$11,100; 7, \$18,529.

Price per lb.—Bid 1, 2.2c; 2, 1.92c; 3, 2.11c; 4, 2.18c; 5, 2.3c; 6, 3.12c; 7, 4.42c.

Weight.—Bid 1, 328,602 lbs; 2, 381,500 lbs; 3, 365,000 lbs; 4, 271,206 lbs; 5, 369,000 lbs; 6, 356,000 lbs; 7, 426,000 lbs.

Time—Bid 1, 90 days; 2, 150 days; 3, 120 days; 4, 35 days; 5, 150 days; 6, 150 days; 7, 150 days.

Item 3. St. Mary, labor, tools, supplies—Bid 1, 2.17c per lb; total, \$12,550; 6, \$30,800; 7, 150 days.

Item 4. Hall's Coulee Crossing Labor, Tools and Supplies—Bid 1, \$3,09c per lb; total, \$10,130; 6, \$19,000; 7, \$27,500.

Remarks—Bid 1, items 3 and 4 based on contract being placed with one contractor; if separated, item 3 will be \$14,000 and item 4 \$11,316. Prices on items 3 and 4 are based on continuous operation, beginning in May, 1915, and ending about November, 1915. Prices or erection are to be considered in connection with acceptance of items 1 and 2. Bid 2—Bevel edges, sheared, not plain, shipped knocked down with exception of expansion joints. Bid 3—Expansion joint shown without brass covering. Bid 5—Shipped knocked down. Price includes all rivets, plus 1 per cent for field work. No paint included. Bid 6—Items 3 and 4 include material; to get erection, deduct 1 from 3 and 2 from 4. Bid 7—If items 3 and 4 are let as one contract and handled as one continuous job, doing item 3 and then item 4, item 3 will be done for \$24,524 and item 4, for \$21,109.

SAN FRANCISCO—Bachelor officers' quarters, 2 story and base, brick, \$40,000. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. This building will be erected at Fort Winfield Scott and has been designed to contain six sets of quarters, each with bath. There will be a large common dining room and social hall and a completely equipped kitchen and servants' quarters. Interior will be finished in pine and hardwood. Some oak floors will be used. Plans provide for steam heat. Bath rooms will be finished in tile. Roof will be of clay tile or slate. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on September 8th. Plans and specifications can be secured from the Constructing Quartermaster's Office. An official proposal appears in another column of this issue.

—HALLS & SOCIETY BLDGS—

LOS ANGELES, CAL.—Lodge hall, 2 story and base, brick. Cost not stated. Architects, Dennis & Hewitt, Pay Bldg., 12 A. Owners, Westlake Lodge F. and A. M. The building will be erected at the southwest corner of 8th and Burlington streets, covering an area of 50 by 102 feet. There will be stores on the first floor and upper floor will be arranged for lodge rooms, offices and ball room. Interior will be finished in pine with hardwood floors. A hot air heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Lodge hall, 2 story and base. Class C construction, \$25,000. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owners, Palestine Lodge F. and A. M. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$25,000.

BAKERSFIELD, KERN CO., CAL.—Lodge Hall, 2 story and base, brick and steel, \$24,977. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield Pythian Hall Association. Contractor, William Parker, Bakersfield. Contract price, \$24,977.

HOSPITALS

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened for this work at the last Wednesday meeting of the Board of Public Works and Robert Trost was low at \$18,347. He will probably be awarded the work. A complete list of all figures opened will be found under the heading of San Francisco in this issue.

MARE ISLAND NAVY YARD, CAL.—Hospital, 1 and 2 story, reinforced concrete, \$25,000. Architect, Dept. of Public Works, Mare Island. Owners, United States Government. The building will contain a number of private rooms and several wards. Interior finish will be of pine and hardwood. Some tile will be used. There will be steam heat and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOTELS.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and steel, \$18,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Edward Hallroter. The building will be erected at the corner of 7th and Santa Fe, and will contain stores on the first floor and a number of hotel rooms on the two upper floors. Interior finish will be of pine throughout. Plans provide or steam heat and a hot water system. Stores will have patent fronts and marble bases. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$26,350. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, Susan Eckley.

Contractor, W. L. Miller, 1226 Dalton avenue, L. A. Contract price, \$36,350.

LIBRARIES.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Santa Cruz. The building will be erected in Garfield Park and has been designed in the classic style. Interior will provide reading rooms and office of the librarian and stack room. Interior finish will be of pine and hardwood. Metal book stacks will be used. A central heating system, probably warm air, will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit concession, 1 and 2 story, frame and plaster, \$30,000. Architect's name not given. Owners, Fritz Muller & Son, 171 O'Farrell street, S. F. Fritz Muller & Sons will build a concession building at the Panama-Pacific Exposition to be known as Alt-Nurnberg at a cost of \$30,000. The building will mean the construction of five buildings of frame and plaster. Work will be started at once.

SAN FRANCISCO—State exhibit building, 2 story, frame and plaster, \$40,000. Architect, H. W. Baerresen, Service Bldg., S. F. Owners, State of Colorado. Complete new plans for the Colorado State exhibit building to be erected at the Panama-Pacific International Exposition are being prepared. Originally Colorado contemplated a building designed to represent Pike's Peak, but this was found to be out of harmony with the other state buildings and plans for a classic structure are now being prepared.

Contracts Awarded.

SAN FRANCISCO—Concession building, 2 story, frame and plaster, \$25,000. Architect, William Beasley, 127 Montgomery street, S. F. Owner, James W. Young. Contractor, Richard Senate, S. F. Contract price, \$25,000.

POST OFFICES.

Contracts Awarded.

IDAHO FALLS, IDAHO—Post office, 2 story and base, stone and concrete, \$86,199. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$86,199.

RAILROAD CONST., STATIONS AND EQUIPMENT.

BENICIA TO VALLEJO, SOLANO CO., CAL.—Electric railroad construction. Cost not stated. Engineer Matthews, Benicia. Owners, Benicia Land and Terminal Co., Mills Bldg., S. F. Chief Engineer Matthews of the Benicia Land and Terminal Co. has started surveying for the new electric line to be run from Benicia and Vallejo. Franchises over the streets in Benicia and Vallejo will be asked for at once. A. D. Bowen, Mills Bldg., S. F., is president of the company.

MODESTO, STANISLAUS CO., CAL.—Railroad construction. Cost not stated. Engineers, Mahoney Bros., Merchants' National Bank Bldg., S. F. Owners, Mahoney Bros. It is reported that Mahoney Bros. will shortly start construction on a railroad through their property in Stanislaus County. They are negotiating for the old Tide-water line, rails for which are laid for a distance of six miles. The proposed road would bring that portion of Stanislaus County lying between the Southern Pacific and the San Joaquin River in touch with Modesto.

ROSE STATION TO ELDERWOOD, TULARE CO., CAL.—Electric line extension. Cost not stated. Engineer, Engineering Department Visalia Electric Railroad Co., Visalia. Owners, Visalia Electric Railroad Co. A two-mile extension to the Visalia Electric Railroad is to be built from Rose Station to Elderwood.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Elmer E. Clark, 2529 Anza street, S. F. The dwelling will be erected on the east side of 25th avenue north of Anza, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence alterations and addition, 2 story, frame, \$5,000. Architect, none. Owner, Mrs. M. J. Graves, 2820 Scott street, S. F. This work will consist of an addition of three rooms, removing old shingles from the out side of the dwelling and replacing same with cement plaster on metal lath, new interior finish, plastering, electric work, plumbing, painting, a tar and gravel roof and brick and concrete work. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. for H. M. Furman. The dwelling will be erected on the west side of Moncada Way near Cedro, and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, library, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles, cement plaster on metal lath and klinker brick base. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Johnson and Hatland, 1513 Church street, S. F. The dwelling will be erected on Bertita north of Mohawk, and has been designed for a five-room house with bath. Interior will be finished in pine and redwood.

Some hardwood floors will be used. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Edward G. Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. The dwelling will be erected on lot No. 3 in the Ashbury Terrace District, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mathew Hunter. The dwelling will be erected on North Woolsey street east of Dana, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot and floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Warren S. Perry, 2636½ Dwight Way, Berkeley. Owner, Leo M. Mott, Jr. The dwelling will be erected at the corner of 59th and Heimbolt Road, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Figures are now being taken for the plastering, plumbing and electric work.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. L. Eschbacher. The dwelling will be erected on Fairbanks avenue and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with some redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and floor will be used in the bath room. An automatic

water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Mrs. L. Olson. The dwelling will be erected in East Piedmont Heights and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans have been completely redrawn and new figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, W. H. Haynes, 2711 Ashby avenue, Berkeley. The dwelling will be erected at the corner of Claremont Boulevard and Avalon avenue. There will be seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residences, 18, 1 and 2 story and base, frame, \$2,000 to \$3,500. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. These houses will all be erected on the same tract and will be designed to contain from five to seven rooms. The larger houses will have furnace heat. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. Open fire places and tile or brick mantels will be specified. Automatic water heaters will also be used. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are now being prepared and when complete the work will be done by Day Labor. Further mention will be made of the work.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, Mrs. R. Clifford. The dwelling will be erected in South Berkeley, and has been designed to contain eight rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, Dr. W. C. Chidester, San Mateo. The dwelling will be erected on a large tract recently purchased by Dr. Chidester and will contain in the neighborhood of fourteen rooms, several baths and sleeping porches. A garage will also be erected on the property. Interior of the house will be finished in pine, hardwoods and white enamel. Hardwood and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Vacuum cleaning and automatic water heaters will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the garage and dwelling will be covered with cement plaster on metal lath. Preliminary drawings have been made.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Thomas Heller, 152 North 3rd street, five-room cottage, \$1,300, and Mary E. Akers, 224 South 23rd street, four-room cottage, \$1,300. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, brick. Cost not stated. Architect, L. E. Peyser, 2207 Union street, S. F. Owner, C. G. Berg. The dwelling will be erected in Buena Vista Terrace and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be faced with pressed brick and stone. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, W. R. Kenny, 420 Arguello Boulevard, S. F. These two houses will be erected on the west side of 36th avenue south of Balboa, and each will contain five rooms and bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mathew A. Little. The dwelling will be erected on Green street west of Devisadero and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will

be done by Day Labor. Materials are now being purchased.

LOS ANGELES, CAL.—Residence, 1 and 2 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, J. Benton Van Nuys. The dwelling has been designed to contain twenty rooms, a number of baths and sleeping porch. The house will be erected on a large lot in Windsor Square. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and open fire places. Mantels will be of tile. There will be a hot water system and vacuum cleaning. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame. Cost not stated. Architect, C. C. Rittenhouse, Washington Bldg., L. A. Owner, A. Jamieson. The dwelling will be erected in Wilshire Heights, and has been designed for a ten-room house with baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and furnace heat. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with ruffled brick veneer. Plans are complete and work will be done by Day Labor.

SAN GABRIEL, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile construction. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, Frank Hogan. The dwelling will be erected on a large tract and has been designed to contain fourteen rooms, several baths and sleeping porch. A garage will also be erected on the property. Interior of the house will be finished in pine with hardwood finish and hardwood floors in the principal rooms. Plans provide for furnace heat, a hot water supply and vacuum cleaning. There will be open fire places and tile mantels. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house and garage will be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, Mrs. A. Trisler. The dwelling has been designed in the Japanese style and will be erected on Bonnie Brae street, and has been designed for a ten-room house with several baths. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. There will be automatic water heaters. Exterior of the dwelling will be covered with rustic and shingles. Plans are being prepared.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$3,000. Architect, none. Owner, Anna C. Surkapp, 918 Taraval street, S. F. The dwelling will be erected on 12th avenue south of Santiago, and has been designed to

contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, stone and frame, \$50,000. Architect, R. D. Farquhar, Van Nuys Bldg., L. A. Owner, Henry D. Lombard. Contractor, T. C. Marlow, Van Nuys Bldg., L. A. Contract price, \$50,000.

SCHOOLS.

PITTSBURG, CONTRA COSTA CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg School District. Bids opened for this work show J. O. Kuykendall low on the general construction at \$49,955.50 and the Seibert Co. low on the plumbing at \$4,500. These figures are but a little above the amount available and contracts will probably be awarded. A complete list of the figures presented will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

STOCKTON, SAN JOAQUIN CO., CAL.—School, 2 story and base, brick, \$75,000. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans for the building to be erected on Lower Sacramento Road at North street are practically complete and figures will be called for shortly. Plans provide for twelve class rooms, assembly hall and departments for domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and modern school plumbing. Vacuum cleaning and program clocks are also specified. Exterior of the building will be faced with pressed brick. Further mention will be made of the work when plans go out for figures.

ROSEVILLE, PLACER CO., CAL.—School, 1 story and base, brick and reinforced concrete, \$40,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Roseville School District. The building has been designed in the Mission style and will contain eight class rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, probably warm air system, and modern school plumbing. A program clock system will be installed. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the architect.

LINDSAY, TULARE CO., CAL.—School, 2 story and base, brick and steel, \$56,000. Architect, F. W. Griffin, Visalia. Owners, Lindsay School District. The building will contain ten class rooms, assembly hall, principal's office, teachers' room and department of domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, oil

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burning system, modern school plumbing and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the architect.

LOS ANGELES, CAL.—School supplies. Cost not stated. Architect, none. Owners, City of Los Angeles. Bids are being taken by the Board of Education for furnishing the School Department with lumber, cement, program clocks and certain machinery for the fiscal year. Complete information of this work can be secured from the Clerk of the Board of Education.

AZUSA, LOS ANGELES CO., CAL.—School, 2 story and base, frame. Cost not stated. Architect, Norman F. Marsh, 212 Broadway, L. A. Owners, Azusa School District. Plans provide for six class rooms, departments for music and commercial study and teachers' rooms. Interior will be finished in pine. Maple floors will be used in the class rooms. There will be a central heating system and modern school plumbing. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 29th.

KENTFIELD, MARIN CO., CAL.—School, 1 story and base, frame and plaster, \$12,000. Architect, Irwin Schaefer, Plaza Bldg., Oakland. Owners, Kentfield School District. The building has been designed in the Mission style and will contain four class rooms and an assembly hall. Interior finish will be of pine with some maple floors in the class rooms. A central heating system, probably steam heat, will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 22nd.

ALTADENA, LOS ANGELES CO., CAL.—Schools, 2 1 story and base, frame. Cost not stated. Architects, Marsten & Van Pelt, Chamber of Commerce Bldg., L. A. Owners, Altadena and Lamanda School Districts. These two buildings will each contain four rooms and assembly hall. Interiors will be finished in pine throughout. Central heating systems will be installed in both buildings. Exteriors will be covered with cement plaster on metal lath. Plans are complete and figures will be opened on September 13th. Plans and specifications can be obtained from the architects.

ALHAMBRA, LOS ANGELES CO., CAL.—Schools, 4, 1 story and base, brick. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, City of Alhambra. Plans provide for one building of eight rooms, one of four and two of three rooms. Interiors will be finished in pine throughout. There will be central heating systems, probably steam heat. Composition blackboards will be used. Exteriors will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened

on August 21st. Plans and specifications can be secured from the architects.

SIERRA MADRE, LOS ANGELES CO., CAL.—School group, 1 story, frame and plaster. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owners, Sierra Madre School District. The group will include a main administration building, domestic science, kindergarten, sloyd building and grammar school. Interior finish will be of pine. A central heating system will be installed. Exteriors of all buildings will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 29th. Plans and specifications can be secured from the architect.

SEATTLE, WASH.—School, 3 story and base, brick and steel, \$300,000. Architect, City School Department, Seattle. Owners, Ballard School District, No. 1. The building will be of fire-proof construction with steel frame and brick exterior walls. It will cover an area of 200 by 220 feet, and besides a large number of class rooms will contain two gymnasiums and a large auditorium. Interior partitions will be of hollow tile. There will be steam heat and modern school plumbing. Exterior of the building will be faced with pressed brick, granite and terra cotta. Plans are complete and figures are being taken.

FULTON PARK, ORE. — School, 1 and 2 story and base, hollow tile construction, \$21,000. Architect, F. A. Naramore, Portland. Owners, Fulton Park School District. The building will contain six class rooms and an assembly hall. Interior will be finished in pine. There will be steam heat and modern school plumbing. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

VAN NUYS, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$57,852.50. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Van Nuys School District. Contractor, Fred Stahlhut, 350 South Pasadena avenue, Pasadena, general construction. Thomas Haverly Co., plumbing.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO — Tunnel construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. With the permission of the Board of Public Works, Edward Malley has transferred the contract for constructing Mile Rock Tunnel to R. C. Storrie Co.

CALIFORNIA — Highway construction. Cost not stated. Engineer, State Highway Engineer, Forum Bldg., Sacramento. Owners, State of California. The State Highway Commission has awarded contracts for highway construction as follows: Fairbanks &

Baechtel, Wilhite, 13.8 miles in Humboldt County, \$120,893. James H. Falconer, Escalon, 3.6 miles in Contra Costa County, \$11,413.30. Ramsome-Crummey Co., Oakland, 1.9 miles in Santa Clara County, \$30,664.30. T. K. Beard, Modesto, 9.3 miles in Santa Barbara County, \$52,168. Bids for constructing the road from Shively to Jordan Creek in Humboldt County were rejected as being above the engineer's estimate and will either be readvertised or will be done by Day Labor under the direction of the State Highway Commission.

SAN FRANCISCO—Grading and concrete and paving. Cost not stated. Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Park Commissioners at the Park Lodge, Golden Gate Park on August 20th for grading, concrete work and paving as required by the Park Commissioners. Complete information can be secured from the Commissioners at the Lodge, Golden Gate Park.

LIVERMORE, ALAMEDA CO., CAL.—Sewer construction. Cost not stated. Engineer, City Engineer, Livermore. Owners, City of Livermore. Bids have been ordered advertised for on the construction of 1,614 feet of six-inch sewer. Vitrified, salt-glazed, ironstone pipe will be used. Plans have been prepared by the City Engineer.

PORTERVILLE, TULARE CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Porterville. Owners, City of Porterville. Resolutions of intention have been passed by the Trustees for a large amount of pavement in both the business and residence sections of the city. The work will be done with asphalt and concrete base.

STOCKTON, SAN JOAQUIN CO., CAL.—Road repairs, \$18,000. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. County Surveyor Quall has been instructed to prepare plans for grading and otherwise improving the Jack Tone road from the Linder road, a distance of 5 miles into the Tokay Colony. The work is estimated at \$18,000.

SAUSALITO, MARIN CO., CAL.—Street work, paving, curbs and sidewalks, \$100,000. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. The Town Engineer states that plans and specifications for \$100,000 worth of street paving and improvements will be completed within two weeks. The Town Trustees have completed arrangements for the disposal of bonds amounting to \$100,000 and the work will be advertised at once.

VALLEJO, SOLANO CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Bids will be opened on August 20th by the City Trustees for constructing approximately 1,650 feet of six-inch vitrified, salt-glazed, ironstone pipe sewers, two brick manholes and a number of Y branches. Plans and specifications can be secured from the City Clerk.

WOODLAND, YOLO CO., CAL.—Road machine. Cost not stated. Engineer, County Surveyor, Woodland. Owners, Yolo County. Bids will be opened on August 27th for furnishing one No. 4 road machine for use in Road District No. 4. Complete particulars can be secured from the County Clerk at Woodland.

Contracts Awarded.

OAKLAND, CAL.—Road improvement, \$3,191. Engineer, County Surveyor, Oakland. Owners, Alameda County. Contractor, P. H. Hoare, Oakland. Contract price, \$3,191.

RICHMOND, CONTRA COSTA CO., CAL.—Street paving, \$88,154.75. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, George W. Cutting, Richmond. Contract price, \$88,154.75.

STORES.

SAN FRANCISCO.—Telephone Exchange alterations, \$3,000. Architect, Cobby, 333 Grant avenue, S. F. Owners, Pacific Telephone and Telegraph Co. This work will include new plumbing fixtures, plastering and painting to be installed at the company's exchange at the corner of 17th and Albion streets. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

Contracts Awarded.

SALEM, ORE.—Stores and business college, 2 story and base, brick, \$25,000. Architect, Fred A. Legg, Salem. Owner, George F. Rogers. Contractor, C. Van Patton, Salem. Contract price, \$25,000.

PORTLAND, ORE.—Market building, 1 story and base, brick and concrete. Cost not stated. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owner, Scott Brook. Contractors, Palmer & Ellisson, Henry Bldg., Portland. Contract price not stated.

SEATTLE, WASH.—Stores and lofts, \$100,000. Architect, Louis Mendell, Orianta' Bldg., Seattle. Owners, O'Shea Bros. Contractor, Otto Roseleaf, Lowman Bldg., Seattle. Contract price, \$100,000.

THEATRES.

OAKLAND, CAL.—Theatre, 1 story and base, brick and steel, \$20,000. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner's name withheld. The building will be erected on the east side of Telegraph avenue south of 33rd street. Construction will be practically fireproof. A cement floor will be used. Interior will be finished in pine and ornamental plaster. A modern system of ventilation will be installed. Special electric work is specified. An organ, estimated to cost \$5,000, will be installed. Exterior of the building will be faced with buff pressed brick. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 1 story and base, brick, \$12,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Adeline street and will cover a large ground area. Interior will be finished in pine and ornamental plaster. Modern ventilating and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 1 story and base, Class C construction. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Elstone and George Clark. This building, which has been mentioned here before, will be erected on Durant avenue east of Telegraph. Plans have

been revised and new figures are being taken on various parts of the work. Interior will be finished in pine and ornamental plaster. Plans provide for a modern system of ventilation and special electric work. There will be one store besides the theatre. Exterior of the building will be faced with pressed brick.

SEALED PROPOSALS.**PROPOSALS FOR RECLAMATION WORK.**

RECLAMATION WORK.—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Phoenix, Ariz., until 2 o'clock p. m., August 24, 1914, for the construction of the Wallace Feeder Canal on the Salt River Project, Ariz. The work is located near Phoenix, Ariz., and involves the excavation of approximately 68,000 cubic yards of material, 275 cubic yards of plain and reinforced concrete in structures, 80 reinforced yards of grouted paving, laying 160 linear feet of 18-inch concrete pipe and the erection of four bridges, involving the use of 16,380 feet, b. m., of lumber and 3,600 pounds of steel and iron. For further particulars address the United States Reclamation Service, Phoenix, Ariz., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR PRESSURE PIPE.

STEEL PRESSURE PIPE.—U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received here until 2 p. m., August 24, 1914, for furnishing riveted steel pressure pipe for the Okanogan project, Wash. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. O. H. ENSIGN, chief electrical engineer.

PROPOSALS FOR LIGHT FIXTURES.

LIGHT FIXTURES.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received in this office until 2 p. m., August 21, 1914, and then opened, for furnishing and installing lighting fixtures in the United States custom house at Boston, Mass.; the United States post office at Minneapolis, Minn.; the United States post office and court house at Muskogee, Okla.; and the United States subtreasury at San Francisco, Cal., in accordance with drawings and specifications, copies of which may be had at this office. Bidders are required to submit designs for special fixtures. Proposals are desired only from those qualified to produce work of the highest grade, both artistically and mechanically, and the right is reserved to refuse to send the drawings and specifications to or to receive proposals from anyone who in the opinion of the supervising architect is not so qualified. O. WENDEROOTH, supervising architect.

NOTICE TO CONTRACTORS.

OFFICE, CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., Aug. 18th, 1914. SEALED PROPOSALS, in triplicate, for constructing quarters for Bachelor Officers (including plumbing, heating, electric wiring and fixtures) at Fort Winfield Scott, Cal., will be received here until 11 A. M., September 3, 1914, and then opened. Plans, specifications, blank form, etc., can be obtained here. Deposit of \$25.00 required to secure return plans, etc. Proposals to be enclosed in sealed envelope and addressed to Capt. W. L. JAMISON, Lt. Col., O. M. Corps. (S)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, San Francisco, Cal., until twelve o'clock, noon, Friday, September 4, 1914, said bids then and there to be publicly opened and read for furnishing all plans, materials and labor and doing the work required for remodeling of the State Library and

the construction, erection and installation of an electrically operated passenger elevator in said State Library, State Capitol Building, Sacramento, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the entire work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of five per centum (10%) of the amount of the bid must accompany each bid.

Deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and award any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California."

SIGNED? W. F. MCCLURE, State Engineer. (S)

PROPOSAL FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 12th day of August, 1914, for doing the following work, including furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Polio Emergency Hospital to be located at Twentieth and Kentucky streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred and fifty (150) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$4,000.00.

All proposals offered must be accompanied by a check coiled by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order, the Board of Public Works. P. J. CHURCHILL, Secretary.

PROPOSALS FOR CONCRETE MIXERS

SEALED proposals for two concrete mixers for Street Repair Department will be opened in open session of the Board of Supervisors August 17, 1914, at 10 o'clock a. m.

Proposal blanks will be furnished on Application.

J. S. DUNNIGAN, Clerk.

PROPOSALS FOR METAL SHELVING.

METAL SHELVING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 2 o'clock p. m., August 24, 1914, and then opened for metal counters, screen partitions, shelving, etc., for the U. S. subtreasuries at San Francisco, Cal. Drawings and specifications may be had at the office of the supervising superintendent of construction, room 403 post office and court house, San Francisco, Cal. The office in the Dispensary of the supervising architect, O. WENDEROOTH, Supervising Architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 10 o'clock A. M. Tuesday, August 25th, for constructing Wood and Glass Ceilings over office spaces in Exhibit Palaces, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 213, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$25.00, which amount will be refunded to the bidder upon the filing of the bid. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.
CALIFORNIA HIGHWAY COMMISSION**

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., Sacramento, Cal., until the time hereinafter noted, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, the portions of State Highway as follows:

Until 11 o'clock A. M., August 31, 1914.

Colusa County from Berlin to Colusa Junction (III-Col-7-B), about 12.6 miles in length, to be built of Portland cement concrete.

Yuba County from the southerly county boundary to Morrison's Crossing (III-Yub-3-A), about 3.4 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Alascadero Creek to Escalante Robles (V-S-L-O-2-B), about 10.6 miles in length, to be built of Portland cement concrete.

Kern County from the southerly county boundary to Point San Juan 2.3 miles south of Rose Station (VI-Ker-4-A), about 10.7 miles in length, to be graded.

Orange County from Irvine to Santa Ana (VII-Or-2-C), about 7.1 miles in length, to be built of Portland cement concrete.

Until 2 o'clock P. M., August 31, 1914.

Sacramento County from Folsom to the easterly county boundary (III-Sac-11-A), about 6.8 miles in length to be built of Portland cement concrete.

Solano County from Vacaville to Batavia (III-Sol-7-D), about 8.9 miles in length, to be built of Portland cement concrete.

San Bernardino County from Divisadero to Orcutt (V-S-B-2-A), about 3.6 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Stone Creek to El Capitán Creek (V-S-B-9-G&I), about 10.2 mile in length, to be graded.

Los Angeles County from Castaic School to Section 17, T. 6 N., R. 17 W.

S. R. R. & M. (VIII-L, A-4-D), about 12.8 miles in length, to be graded.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the State of California, in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.

AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CARLETON,
Chief Acting Secretary. (*)

Dated: July 21, 1914.

PROPOSALS FOR AUDITORIUM WORK.

PURSUANT to Resolution No. 3527 N. S., passed July 22, 1914, the Council of the City of Oakland will receive bids for furnishing all of the materials, labor and workmanship required in connection with the construction, erection and finish of Elevators and Curtain Hoists; Marble and Tiling; Cement Finishing; Plastering; Painting; Seating; Plastering and Lathing and Electrical Work for the Auditorium Building to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue, in the City of Oakland.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for Auditorium," (specifying work bid upon) addressed to the Council and deposited by the bidder or his agent, at the City and County while in session, between 11 o'clock a. m. and 12 o'clock noon, Pacific Time, on the 20th day of August, 1914, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

No bid will be received or considered which is not accompanied by a check, certified by a responsible banking institution, in the order of Frank M. Smith, City Clerk, in an amount not less than ten per cent of the aggregate amount of the proposal. Said check will be forfeited to and retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bond, or if the forms of proposal filed by the City and required by the Charter of the City of Oakland, within twenty days after receiving notice of award.

At the time and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditorium Guaranty Company the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor on or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bond and set of the forms of proposal and of the required affidavits,

agreement, bonds, acknowledgments and specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner of 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after July 28th, 1914, within a reasonable time after application, and upon a deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant, in addition to copies which will be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any one of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Each bid shall bear the affidavit of the bidder, as required by Section 122 of the Charter of the City of Oakland.

FRANK M. SMITH, City Clerk.

PROPOSALS FOR OIL BURNING PLANT.

OIL BURNING PLANT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. August 25, 1914, and then publicly opened for the construction of plant for heating boiler in the United States post office and custom house at Eureka, Cal., in accordance with specification and drawing, copies of which may be obtained at this office or at the office of the custodian at Eureka, Cal., in the discretion of the supervising architect, O. WENDERTH supervising architect.

PROPOSALS FOR ICE PLANT.

ICE AND STORAGE PLANT—Sealed proposals indorsed "Proposals for Ice-Making and Cold-Storage Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 20, 1914, and then there publicly opened, for building and equipping an ice-making and cold-storage plant at the United States navy station, Pearl Harbor, Hawaii. Appropriation available, \$25,000. Plans and specifications can be obtained on application to the bureau or to the custodian at the station named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. August 22, 1914, for the construction, complete (including mechanical equipment, heating, ventilation, fixtures and approaches), of the United States post office and court house at Medford, Oreg. Three-story and basement building, 10,000 square feet, 5,500 square feet, first floor fire proof, stone, ornamental terra cotta and brick facing and composition roof. Drawings and specifications may be obtained from the custodian of site at Medford, Oreg., or at this office, in the discretion of the supervising architect. Drawings and specifications may be obtained for delivery after July 8, 1914. O. WENDEOTH, supervising architect.

PROPOSALS FOR HOISTING TOWER.

HOISTING TOWER—Sealed proposals indorsed "Proposals for Coal-Hoisting Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 20, 1914, and then there publicly opened, for a coal-hoisting tower for the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

BACHELOR OFFICERS' QUARTERS—2 story and base, brick, \$40,000. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. This building will be erected at Fort Winfield Scott and has been designed to contain six sets of quarters, each with bath. There will be a large common dining room and social hall and a completely equipped kitchen and servants' quarters. Interior will be finished in pine and hardwood. Some oak floors will be used. Plans provide for steam heat. Bath rooms will be finished in tile. Roof will be of clay tile or slate. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on September 8th. Plans and specifications can be secured from the Constructing Quartermaster's office. An official proposal appears in another column of this issue.

EXHIBIT CONCESSION—1 and 2 Story, frame and plaster, \$30,000. San Francisco. Architect's name not given. Owners, Fritz Muller & Son, 171 O'Farrell street, S. F. Fritz Muller & Son will build a concession building at the Panama-Pacific Exposition to be known as Alt-Nurnberg at a cost of \$30,000. The building will mean the construction of five buildings of frame and plaster. Work will be started at once.

FERRY SLIPS NOS. 6 AND 7—\$51,400. San Francisco. Engineer, Assistant State Engineer, Newman. Ferry Bldg., S. F. Owners, State of California. Bids open by the State Board of Harbor Commissioners for constructing Ferry Slips Nos. 6 and 7 show the San Francisco Bridge Co. low at \$51,400. They will probably be awarded the work. A complete list of these figures appears under the heading of San Francisco in this issue.

GRADING AND CONCRETE AND PAVING—Cost not stated. San Francisco. Engineer, none. Owners, City and County of San Francisco. Bids will be opened by the Park Commissioners at the Park Lodge, Golden Gate Park, on August 20th for grading, concrete work and paving as required by the Park Commissioners. Complete information can be secured from the Commissioners at the Lodge, Golden Gate Park.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected on the north side of California street east of Leavenworth, covering an area of 27½ by 84 feet. There will be six apartments of three rooms each. All suites will have wall beds and private bath rooms. Interior of the apartments will be finished in pine with some elm panels and hardwood floors. Bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water system. Exterior of the building will be covered with rustic and pressed brick ve-

neer. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick and steel, \$75,000. San Francisco. Architect, Leonard T. Ford, 2136 Center street, Berkeley. Owner's name withheld. The building will cover a ground area of 60 by 100 feet and will have a light steel frame with brick exterior walls. Interior has been arranged for a total of sixty suites of two and three rooms. There will be wall beds and private bath rooms. Pine, elm and oak will be used for interior finish. All bath rooms will have tile wainscot and composition floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

APARTMENT HOUSE—2 story and base, frame, \$17,000. San Francisco. Architect, Albert Schroepfer, Foxcroft Bldg., S. F. Owner, L. D. Stoff, 215 Montgomery street. The building will be erected at the southeast corner of Clayton and Grove streets, and will contain eight large apartments with private garages in the basement. Interior of the suites will be finished in pine and elm panels with oak floors in the living rooms and dining rooms. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Exterior of the building will be covered with rustic and a brick veneer. Plans are complete and work will be done by Day Labor.

APARTMENT HOUSE—5 or 6 story and base, brick and steel. Cost not stated. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owners, Joseph Cahen and A. Tonn. The building will be erected at the northwest corner of Sutter and Jones streets, covering an area of 127½ by 137½ feet. The property has recently been purchased and the new owners have not fully decided to build on the entire area or only a portion. The building will be arranged for suites of two, three and four rooms with private baths and wall beds. Interior finish will be largely of pine with some elm panels and oak floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and wall beds. Exterior will probably be faced with pressed brick and terra cotta. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, Albert Parr, Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected on 26th avenue near Lake and has been designed for apartment flats. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

CITY HALL CARPENTRY AND MILL WORK—\$125,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans and specifications for the carpentry and mill work in connection with the new City Hall have received the approval of the Public Buildings Committee and the Board of Public Works has been instructed to advertise for bids. Figures will be opened on August 26th. Plans and specifications can be secured from the Department of Architecture, Temporary City Hall.

CITY HALL ELEVATOR WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been approved by the Public Buildings Committee for the elevator work in the new City Hall and figures will be opened by the Board of Public Works on August 26th. Plans and specifications can be secured from the City Department of Architecture, Temporary City Hall.

SHOP AND OFFICE—1 story, frame and corrugated iron, \$12,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Board of Public Works has instructed the City Department of Architecture to prepare plans at once for a combination office and shop building to be erected in the Corporation Yards at 11th and Bryant streets. Interior of the office portion of the building will be finished in pine. Exterior will be covered with shiplap and corrugated iron. Plans are now being prepared.

FLATS—2 story and base, frame, \$33,500. San Francisco. Architect, none. Owner, John F. Haner, 3579 19th street, S. F. The building will be erected on the west side of 4th avenue south of Anza, covering an area of 25 by 54 feet, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine throughout. Some hardwood floors will be used. Each living room will have an open fire place with tile or brick mantel. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic, cement plaster on metal lath and a tapestry brick base. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Oscar Thumberg, 678 9th avenue, S. F. The building will be erected on the west side of 9th avenue near Cabrillo, and has been designed to contain two flats of five and six rooms with basement garage. Interiors will be finished in pine and elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places in each living room. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

HOSPITAL—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids were opened for this work at the last

Wednesday meeting of the Board of Public Works and Robert Frost was low at \$18,347. He will probably be awarded the work. A complete list of all figures opened will be found under the heading of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Elmer E. Clark, 2529 Anza street, S. F. The dwelling will be erected on the east side of 25th avenue north of Anza, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE ALTERATIONS AND ADDITION—2 story, frame, \$5,000. San Francisco. Architect, none. Owner, Mrs. M. J. Graves, 2820 Scott street, S. F. This work will consist of an addition of three rooms, removing old shingles from the outside of the dwelling and replacing same with cement plaster on metal lath, new interior finish, plastering, electric work, plumbing, painting, a tar and gravel roof and brick and concrete work. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, Joseph A. Leonard, 85 Ceritos avenue, S. F. Owners, Urban Realty Co., for H. M. Furman. The dwelling will be erected on the west side of Moncada Way near Cedro, and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, library, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles, cement plaster on metal lath and a kiln brick base. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Johnson and Hatland, 1513 Church street, S. F. The dwelling will be erected on Bertita north of Mohawk, and has been designed for a five-room house with bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, S. F. Owners, S. A. Born-Buildert, Edward G. Bolles, 660 Market street, S. F. The dwelling will be erected on lot No. 3 in the Ashbury Terrace District, and

has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—4 story and base, brick and steel, \$45,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Metropolis Investment Co., 333 Kearny street, S. F. The building will be erected at the northwest corner of Hyde and Sacramento streets, covering an area of 37½ by 90 feet. There will be a total of nine apartments of two, three and four rooms. All suites will have wall beds and private baths. Plans provide for steam heat and a hot water supply. An automatic elevator will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE ALTERATION—Cost not stated. San Francisco. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner's name withheld. The present three story frame dwelling located on Haight street near Fillmore will be altered into a modern apartment house. The work will require plastering, painting, interior finish, plumbing and electric work. Wall beds will be used. Plans are being prepared.

RESIDENCE—2 story and base, brick. Cost not stated. San Francisco. Architect, L. E. Peyser, 2207 Union street, S. F. Owner, C. G. Berg. The dwelling will be erected in Buena Vista Terrace, and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be faced with pressed brick and stone. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, W. R. Kenny, 40 Arguello Boulevard, S. F. These two houses will be erected on the west side of 36th avenue south of Balboa, and each will contain five rooms and bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be an open fire place in each living room. Mantels will be of tile. Bath rooms and kitchens will have tile wainscot. Exterior of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, Mathew A. Little. The dwelling will be erected on Green street west of Devisadero, and has been designed to contain eight rooms, two baths and sleeping porch. Interior

will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

TELEPHONE EXCHANGE ALTERATIONS—\$3,000. San Francisco. Architect, Cobby, 333 Grant avenue, S. F. Owners, Pacific Telephone and Telegraph Co. This work will include new plumbing fixtures, plastering and painting to be installed at the company's exchange at the corner of 17th and Albion streets. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—4 story and base, Class C construction, \$47,000. San Francisco. Architects, Zanolini & Jewett, 604 Montgomery street, S. F. Owner, Mrs. Mary A. Bradbury. The building will be erected at the northwest corner of Polk and California streets, having a frontage of 112½ feet on Polk and 50 feet 9 inches on California. There will be seven stores on the first floor besides the entrance. Upper floors will be arranged for two and three room apartments with private baths and wall beds. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water service. An automatic elevator will be installed. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

JUVENILE DETENTION HOME—1 and 2 story, brick, \$50,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Department of Architecture has been instructed to prepare plans for this work but as yet has not determined upon any of the details. The exact location of the building and further information will be published next week.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$10,000. San Francisco. Architect, H. W. Baerlesen, Service Bldg., S. F. Owners, State of Colorado. Complete new plans for the Colorado. Complete new plans for the erected at the Panama-Pacific International Exposition are being prepared. Originally Colorado contemplated a building to represent Pike's Peak, but this was found to be out of harmony with the other state buildings and plans for a classic structure are now being prepared.

RESIDENCE—1½ story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Anna C. Surkamp, 918 Taraval street, S. F. The dwelling will be erected on 13th avenue south of Santiago, and has been designed to contain six rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are com-

plete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

TUNNEL CONSTRUCTION—Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. With the permission of the Board of Public Works, Edward Malley has transferred the contract for constructing Mile Rock Tunnel to R. C. Storrie Co.

Contracts Awarded.

CHURCH—1 and 2 story, frame or reinforced concrete, \$15,000. San Francisco, Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Star of the Sea Church, Contractor, James L. McLaughlin, 24 Kearny street, S. F. Contract price, \$15,000.

CONCESSION BUILDING—2 story, frame and plaster, \$25,000. San Francisco. Architect, William Beasley, 127 Montgomery street, S. F. Owner, James W. Young, Contractor, Richard Senate, S. F. Contract price, \$25,000.

City Bids Opened.

Nine Sets of Bids Received For Potrero Emergency Hospital, Robert Trost Low Man.

Nine sets of figures were received by the Board of Public Works at their Wednesday afternoon meeting for the construction of the new Potrero Emergency Hospital. Robert Trost submitted the lowest figure at \$18,347 and will probably be awarded the contract.

Bids were also received at the same meeting for furnishing cast iron pipe for the auxiliary water supply system. The United States Cast Iron Pipe Co. submitted the only bid at \$26 per ton of 2,000 pounds. Following is a complete list of the figures as received:

Potrero Emergency Hospital.

W. A. Newsom.....	\$19,400
Robert Trost	18,347
P. A. Palmer	20,500
Monson Bros.	18,437
Elmer Carlson	19,350
Alfred Kohn	21,236
Lindgren Co.	22,000
McSheehy Bros.	19,300
Carnahan & Mulford.....	19,849

Pittsburg School Bids Are Opened.

J. O. Kuykendall Low on General Construction and Siebert & Co. Low On Heating and Ventilating.

PITTSBURG, Contra Costa Co., Cal.—Bids were opened by the Board of Education for the construction of the new school building to be erected in Pittsburg. The building will be a two-story and basement brick structure, designed by Architect A. W. Cornellus, J. O. Kuykendall submitted the lowest figures for the general construction at \$49,955.50. Siebert & Co. were low on the heating and ventilating at \$4,500. Bids were taken under advisement and further action will be taken by the Board of Education on Saturday. Following is a complete list of the bids as opened:

Pittsburg School.

J. O. Kuykendall.....	\$49,955.50
Van Sant Houghton Co.....	57,290.00

Boyd, Kerr & McLean.....	50,822.00
G. F. Field & Co.....	54,300.00
Graham & Jensen.....	58,060.00
H. C. Warwick.....	58,497.00
L. G. Burgen & Son.....	56,940.00
W. E. Green.....	55,991.10

Heating and Ventilating.

J. C. Hurley	\$5,800
Atlas Heating & Ventilating Co.....	5,880
Siebert & Co.....	4,500
Scott Company	4,820
Pacific Fire Extinguisher Co.....	5,400

Open Bids For Two New Ferry Slips.

Harbor Commissioners Receive Five Sets of Bids For Two New Ferry Slips at Union Ferry.

Five sets of figures were opened at the Thursday meeting of the State Board of Harbor Commissioners for the construction of Ferry Slips Nos. 6 and 7 to be built at the south end of the Ferry Building. The lowest figure was received from the San Francisco Bridge Co. at \$51,400. They will probably be awarded the contract. Following is a complete list of the figures received.

Ferry Slips Nos. 6 and 7.

Hyde-Harjes & Co.....	\$51,870
Thomson Bridge Co.....	57,353
San Francisco Bridge Co.....	51,400
F. A. Koettitz.....	57,900
Healy-Tibbitts Constr. Co.....	52,304

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

2760 Bass Heuter.....	Arnold	600
2761 Stock	Stock	500
2762 Curtis	Gast	450
2763 McDowell	McDowell	1500
2764 Hartland	Hartland	2000
2765 Thunberg	Thunberg	5000
2766 Western	Hyde	
2767 de Barilles	Holm	8250
2768 Berges	Rankin	3495
2769 Saito	Graper	1010
2770 Curry	Coward	5575
2771 Show	Davis	4995
2772 Gallatin	Sarraille	4850
2773 Allen	Novelty	1010
2774 Lindelli	Cavaglia	1915
2775 Reggiardo	Owner	500
2776 Cabezut	Grace	1800
2777 Pellegrini	Francesconia	500
2778 Ensign Oil	Owner	900
2779 Omen Oil	Omen Oil	600
2780 Arrighi	Arrighi	1800
2781 Allen	Allen	500
2782 Urban	Urban	7000
2783 Wolff	Casty	2935
2784 Clark	Schroder	8450
2785 Wulf	Spitz	2200
2786 Kurtz	Kurtz	1980
2787 Lazzarini	Ferroni	3000
2788 Humphrey	Wilhelm	30000
2789 Lawton	Adams	800
2790 Stoff	Stoff	17000
2791 Graves	Graves	500
2792 Omen Oil	Owner	700
2793 Clark	Clark	2850
2794 Sts of Mercy	Briggs	1940
2795 Pehrsen	Digeness	2000
2796 Hinkel	Hinkel	1950
2797 Harney	Secor	4880
2798 Mertes	Wengard	1940
2799 Sambuck	Sambuck	7975
2800 Silva	Liebert	4350
2801 Kushner	Hansen	2000
2802 Cook	United Decorators	1800
2803 Western Pac	Sundberg	500
2804 Fink	Schmidt	500
2805 Commercial	Electrical	1835
2806 Same	Henderson	8247
2807 Same	Alcott	1300
2808 Barton	Healy	2650
2809 Bar	Higinson	2830
2810 Vice	Ruegg	700
2811 Trexler	Olson	400
2812 Coltzan	Heden	700
2813 Leigh	Schultz	1800
2814 Same	Same	1900
2815 Same	Same	1800
2816 Denley	Dealey	600
2817 Alexander	Keller	1800
2818 Kasper	Kupiec	900

2819 Allied Apts Co.....	Moise	700
2820 Resch	Martin	1000
2821 Frohman	Schmidt	1200
2822 Kenny	Kenny	2500
2823 Ensign Oil Co.....	Owner	1000
2824 Kenny	Kenny	2500
2825 Fuendling	Mangels	2800
2826 Ahkmann	Swanson	5000
2827 Chinese	Franz	48000
2828 Schunate	Brass	4358
2829 Casella	Ferroni	3900
2830 Campbell	Hughes	700
2831 Atkins	Atkins	400
2832 Molinari	Pagano	1650
2833 English	Ward	2800
2834 Chassangne	Salanave	500
2835 Hoffman	Hoffman	900
2836 Wolf	Casty	2935
2837 S P Co	Fibrestone	892
2838 City Invest Co.....	Pac Elev	995
2839 Same	Stanquist	1340

FRAME STORE ROOM

(2760) E KANSAS 100 N 24th. One-story frame store room.

Owner.....Bass Heuter Paint Co, 816 Mission, San Francisco.

Architect...None.

Contractor...F. C. Arnold, 815 York, San Francisco.

COST, \$600

NEW STAIRS AND ALTER FRONT

(2761) NO. 301 THIRD. New stairs, alter front and concrete floor.

Owner.....Mrs. L. Stock, 117 Vine St., San Jose.

Architect...None.

Contractor...L. H. Stock, 12 Geary St., San Francisco.

COST, \$500

ALTER RESIDENCE

(2762) E EIGHTH AVE 250 N California. Minor changes to dwelling.

Owner.....R. W. Curtis, 152 5th Ave., San Francisco.

Architect...H. E. Harris, 432 Manodnock Bldg., S. F.

Contractor...G. M. Gast, 133 Geary, San Francisco.

COST, \$450

FRAME RESIDENCE

(2763) E THIRTY-SEVENTH AVE 150 N Anza. Two-story and basement frame dwelling.

Owner.....F. L. McDowell, 630 40th Ave., San Francisco.

Architect...None.

Day's work. COST, \$1500

FRAME RESIDENCE

(2764) W BERTITA 55 N Mohawk. Two-story and basement frame dwlg

Owner.....Johnson & Hatland, 1513 Church, San Francisco.

Architect...None.

Day's work. COST, \$2000

FRAME FLATS

(2765) W NINTH AVE 175 N Cabrillo. Two-story and basement frame (2) flats.

Owner.....Oscar Thunberg, 678 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

DRIVING PILES

(2766) N SIDE OF PIER 34, WATER Front of S. F., being on E side East street. Driving 128 piles along spring line.

Owner.....Western Pacific Railway Co., 665 Market, S. F.

Architect...None.

Contractor...Hyde Harjes & Co.

Filed Aug. 10, '14. Dated Aug. 3, '14.

On completion payments of..... 75%

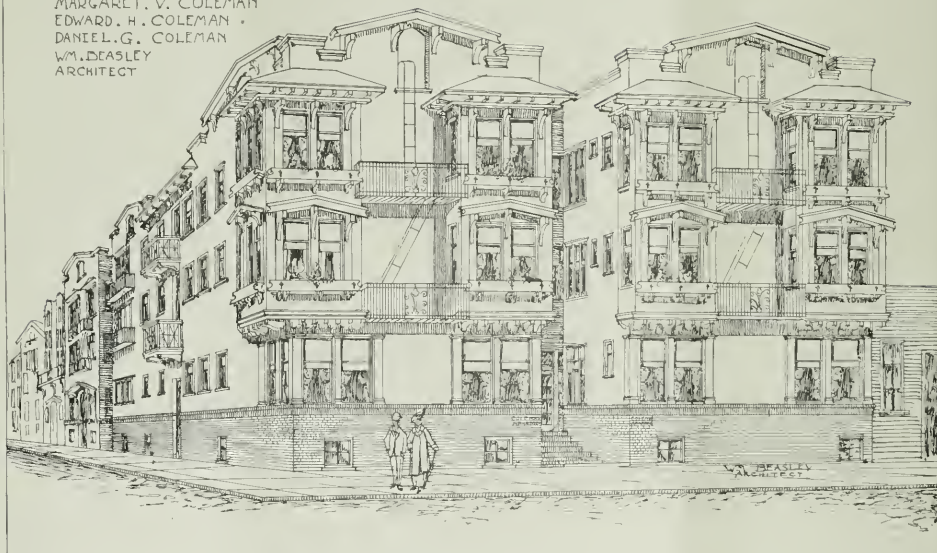
36 days days..... 25%

TOTAL COST, \$33.32 for each pile.

Bond, \$2500. Surety, Massachusetts

Bonding & Insurance Co. Limit, 40

APARTMENT HOUSE, ON THE
S.W. COR OF HOWARD & RAUSCH STS
FOR
MARGARET V. COLEMAN
EDWARD H. COLEMAN
DANIEL G. COLEMAN
WM. BEASLEY
ARCHITECT

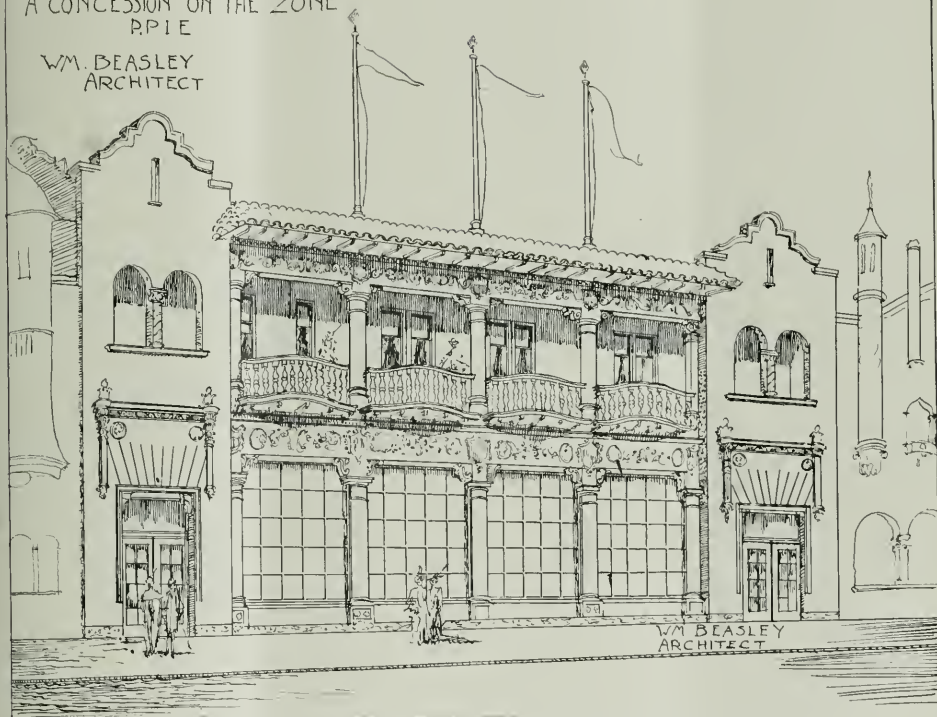


A MODERN SAN FRANCISCO APARTMENT HOUSE
San Francisco

William Beasley, Architect
San Francisco

YOUNG'S RESTAURANT
A CONCESSION ON THE ZONE
P. I. E.

WM. BEASLEY
ARCHITECT



RESTAURANT CONCESSION FOR JAMES W. YOUNG AT THE P. P. I. E.
San Francisco

William Beasley, Architect
San Francisco

after commencement. Forfeit, \$100. Specifications only filed.

ME FLATS

(7) SE HYDE AND LOMBARD S 6x6 51-6. All work for three-story and basement frame flats. Architect...Kate de Barillas.

itect...T. P. Ross, 310 California, San Francisco.
ractor...M. Holm & Son, 68 Post, San Francisco.

1 Aug. 10, '14. Dated Aug. 5, '14. 12 story joists in place.....\$1500
ady for lathing..... 1500
hite coated 1600
ompleted and accepted..... 1587
ual 35 days..... 2063
TOTAL COST, \$8250

l, \$4125. Sureties, D. O. Druffel & F. L. Maino. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

ER STORE BUILDING

(5) NO. 745 MARKET; SE Market & SW Third SW 25xSE 100. Alterations to building.
er.....P. Berges, Jeanne, Juliette H. Henry, Alice Berges and Eugene B. Muller, 1900 Webster, S. F.

itect...Ralph W. Hart, Humboldt Bank Bldg., S. F.
ractor...C. D. Rankin, 724 Gough, San Francisco.

1 Aug. 10, '14. Dated Aug. 8, '14. 12 working days..... 75%
alance of 75% of contract price completion
ual 35 days, 25%,\$873.75
TOTAL COST, \$3495.00

l, \$3495. Surety, Massachusetts Building & Insurance Co. Limit, 30 after Aug. 10. Forfeit, none. Plans and specifications filed.

TING FOR RESIDENCE

(10) N JACKSON 137-6 E Maple E 6xN 170. Painting, etc., for alterations to residence.
er.....Alfred Sutro, 3660 Jackson, San Francisco.

itect...Bliss & Faville, Balboa Bldg., San Francisco.
ractor...Harry G. Graper, 50 Farren, San Francisco.

1 Aug. 10, '14. Dated Aug. 8, '14. 12 completion 75% or.....\$757.50
days after.....Balance
TOTAL COST, \$1010.00

l, \$505. Surety, Massachusetts Building & Insurance Co. Limit, Aug. 10. Forfeit, \$5. Plans and specifications filed.

ME FLATS

(10) E NINTH AVE 275 N Kirkham. All work for two-story frame flats. Architect...Katherine Curry, 46 Lansing, San Francisco.

itect...None.
ractor...Jos. Coward.

1 Aug. 10, '14. Dated Aug. 8, '14. 12 floor joists in place.....\$1393.75
ame up 1393.75
hite coated 1393.75
ual 35 days..... 1393.75
TOTAL COST, \$5575.00

l, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

CK AND SETTING STONE WORK FOR APARTMENT HOUSE
(1) S. O'FARRELL 139 E Van Ness E 52-6xS 120. Brick work, setting stone work, cementing of fire-lls, window and door sills, etc., Class "C" apartment house.

Owner...Martin S. Shaw, 1235 Pine, San Francisco.

Architect...C. O. Chausen, Hearst Bldg., San Francisco.
Contractor...T. E. Davis & Son, 2321 Lake, San Francisco.

Filed Aug. 10, '14. Dated Aug. 7, '14. 12 Brick work up to 1st floor line...\$1233
12 Brick work up to 3rd floor line 1233
12 Brick work completed&accepted 1234
Usual 35 days..... 1295
TOTAL COST, \$4995

Bond, \$2500. Surety, Pacific Coast Casualty Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(2772) N LAKE 57-6 W 16th Ave W 25xN100. Grading, concrete, brick, and carpenter work, etc., for two-story and basement frame flats.
Owner.....Chas. J. Gallatin or Charles J. Gallatin, 19 Ramona, San Francisco.

Architect...J. E. Kraft & Sons, Phelan Bldg., S. F.
Contractor...A. Sarraile and S. Lagomarsino, 2115 Powell, S. F.

Filed Aug. 10, '14. Dated Aug. 4, '14. 12 Frame up, walls sheathed and roof laid\$1000
12 Exterior and interior plastering finished, exterior finish on sash glazed and hung..... 1000
12 Completed and accepted..... 1560
36 days after..... 1300
TOTAL COST, \$4860

Bond, \$2500. Surety, Pacific Coast Casualty Co. Limit, Dec. 1, 1914. Forfeit, \$3. Plans and specifications filed.

ELECTRIC SIGN FOR THEATRE

(2773) S MARKET 200 W Seventh. Electric sign.
Owner.....American Theatre, Prem.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$800

FRAME RESIDENCE

(2774) E CAN 100 S Paul. One-story and basement frame dwelling.
Owner.....Ambrose Lindelli, 819 Filbert, San Francisco.

Architect...None.
Contractor...M. Cavaglia, 945 Greenwich, San Francisco.

COST, \$1945

FRAME RESIDENCE

(2775) NO. 55 HALLAM (rear). One-story and basement frame dwelling.
Owner.....G. Reggiardo, Premises.
Architect...None.
Day's work.....

COST, \$500

ADDITION TO FRAME RESIDENCE

(2776) NO. 3960 NINETEENTH. Add one-story 5-room frame.
Owner.....S. Cabezut, Premises.
Architect...None.

Contractor...J. T. Grace, 1013 Rhode Island, San Francisco.

COST, \$1800

ALTER BUILDING

(2777) NO. 2051 Greenwich. Add one-story frame.
Owner.....G. Pellegrini, Premises.
Architect...None.

Contractor...D. Francesconia, 151 Pixley, San Francisco.

COST, \$500

FRAME WAREHOUSE

(2778) N PERRY 110 E Fifth. Two-story frame warehouse.
Owner.....Ensign Oil Co., 687 2nd Ave., San Francisco.

Architect...None.
Day's work.....

COST, \$900

STEEL SUPPLY STATION

(2779) NE HERMAN AND STEINER. One-story steel supply station.
Owner.....Omen Oil Co., 406 Golden Gate Ave., San Francisco.

Architect...None.
Day's work.....

COST, \$600

FRAME RESIDENCE

(2780) W POLK 60 N Chestnut. One-story and basement frame dwelling.
Owner.....S. Arrighi, 1600 Vallejo, San Francisco.

Architect...None.
Day's work.....

COST, \$1800

RAISE DWELLING

(2781) NO. 279 DOWNEY. Raise dwelling.
Owner.....H. S. Allen, 88 1st, S. F.
Architect...None.

Day's work.....

COST, \$500

FRAME RESIDENCE

(2782) W MONCADA WAY 60 N Cedro. Two-story and basement frame dwlg.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., San Francisco.

Architect...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.

Day's work.....

COST, \$7000

FRAME STORES

(2783) S PERSIA 25 N Vienna. One-story frame stores.
Owner.....P. T. Wolff, Persia and Naples, San Francisco.

Architect...None.
Contractor...John Casty, 327 Brazil, San Francisco.

COST, \$2935

FRAME APARTMENTS

(2784) E LAPIDGE 145 S 18th S 25x E 80. All work for three-story and basement frame apartments.
Owner.....F. J. Clark, 45 Lapidge, San Francisco.

Architect...E. P. Antonovich, Monadnock Bldg., San Francisco.
Contractor...E. Schroder and W. McIntosh, 765 Folsom, S. F.

Filed Aug. 11, '14. Dated Aug. 4, '14. 12 Enclosed, roof on and floors laid...\$2112
12 Brown coated 2112
12 Completed and accepted..... 2114
Usual 35 days..... 2112
TOTAL COST, \$8450

Bond, \$4225. Sureties, Jno. Schmitt and R. Read. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

FRAME RESIDENCE

(2785) S TURK 200 E Masonic. Two-story and basement frame dwelling and studio.
Owner.....T. M. Wulff, 319 31st Ave., San Francisco.

Architect...Fred J. Berg, Stockton.
Contractor...Gustav Spitz, 232-A Langton, San Francisco.

COST, \$2200

ADDITION TO CONCRETE BUILDING

(2786) S STEVENSON 342-6 W Fifth. Add one-story "Class C" to concrete building.
Owner.....Otto Kurtz, 445 Stevenson, San Francisco.

Architect...Chas. Laff & Co., Merchants' Exchange Bldg., San Francisco.

Day's work. COST, \$1980

FRAME RESIDENCE

(2787) E HYDE 162-6 N Bay (rear). Two-story and basement frame (2) flats.

Owner.....S. Lazzarini and G. Tocchini, Premises.

Architect...L. Traverso, 854 Union, San Francisco.

Contractor...G. Ferroni & Sons, 1709 Lombard, San Francisco.
COST, \$3000

FRAME APARTMENTS

(2788) N CHESTNUT 77-6 E Hyde. Three-story and basement frame (12) apartments.

Owner.....Mrs. A. P. Humphrey, 976 Chestnut, San Francisco.

Architect...None.
Contractor...A. H. Wilhelm, 180 Jessie, San Francisco.
COST, \$30,000

ALTER FRAME BUILDING

(2789) E THIRTEENTH 80 N Harrison. Alter frame building.

Owner.....W. Y. Lawton, 1184 Alabama, San Francisco.

Architect...C. Rudolph, 1657 Harrison San Francisco.

Contractor...C. G. Adams, Burlingame, Cal.
COST, \$800

FRAME APARTMENTS

(2790) SE CLAYTON AND GROVE. Two-story and basement frame (8) apartments.

Owner.....L. D. Stoff, 2159 Montgomery, San Francisco.

Architect...Albert Schroepfer, 68 Post, San Francisco.

Day's work. COST, \$17,000

ALTER DWELLING

(2791) NO. 2820 SCOTT. Remove shingles an exterior and plaster with cement, construct brick and concrete balcony, add rooms in attic, tar and gravel roof and addition of 5x30 to south side of dwelling.

Owner.....Mrs. M. J. Graves, Prem.

Architect...None.
Day's work. COST, \$5000

STEEL SUPPLY STATION

(2792) NE VALENCIA & McCOPPIN. One-story steel supply station.

Owner.....Omen Oil Co., 406 Golden Gate Ave., San Francisco.

Architect...None.
Day's work. COST, \$700

FRAME RESIDENCE

(2793) E TWENTY-FIFTH AVE 150 N Anza. Two-story and basement six-room frame dwelling.

Owner.....Elmer E. Clark, 2529 Anza, San Francisco.

Architect...None.
Day's work. COST, \$2850

FRAME BOILER ROOM

(2794) N TWENTY-SECOND 100 E Potrero. One-story frame boiler room.

Owner.....Sisters of Mercy, Premises.

Architect...None.
Contractor...F. A. Brockhage, 1326 Natoma, San Francisco.
COST, \$100

FRAME RESIDENCE

(2795) W JAMESTOWN 325 S Jennings. One-story and basement frame dwelling.

Owner...Mrs. Clara Pehrson, 4302 23rd, San Francisco.

Architect...None.

Contractor...J. Digerness, 646 28th, San Francisco.
COST, \$2000

FRAME RESIDENCE

(2796) E HOFFMAN 51-6 S 22nd. One and one-half-story and basement frame dwelling.

Owner.....Mrs. Tina Hinkel, 740 Castro, San Francisco.

Architect...None.

Contractor...Hinkel Bros., 1204 Castro, San Francisco.
COST, \$1950

FRAME BUILDING

(2797) SW THIRD 112-6 NW Townsend NW 25xSW 80. All work for two-story frame store and rooms.

Owner.....Mrs. F. M. Harney, 1629 Lyon, San Francisco.

Architect...F. W. Hunt, 1766 Pine, San Francisco.

Contractor...L. A. Secor, 80 Caselli Ave., San Francisco.

Filed Aug. 12, '14. Dated Aug. 5, '14.

Frame up\$1220

Brown coated 1220

Accepted 1220

Usual 35 days 1220

TOTAL COST, \$4880

Bond, none. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

NOTE:—1st report Aug 7, No. 2720.

ALTERATION AND ADDITIONS

(2798) NO. 733 SIXTH AVE. Alterations and additions to house.

Owner.....G. W. and Ellarose M. Mertes, Premises.

Architect...None.

Contractor...C. Wengard, 3638 Judah, San Francisco.

Filed Aug. 12, '14. Dated Aug. 10, '14.

Frame up\$485

1st coat plaster 485

Completed and accepted 485

Usual 35 days 485

TOTAL COST, \$1940

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS AND STORE

(2799) SW MASON AND JACKSON W 57-6xS 24 50 V Blk 187. All work for three-story and basement frame flats and stores.

Owner.....Antone Sanbuck, Care Architect.

Architect...O'Brien Bros., Inc., 519 California, San Francisco.

Contractor...A. Brisa and G. Volpi, 1035 Filbert, San Francisco.

Filed Aug. 12, '14. Dated Aug. 11, '14.

Building framed\$1481.25

Roofed and enclosed and plumbing roughed in 1500.00

Exterior plaster and interior brown coated 1500.00

Completed and accepted 1500.00

Usual 35 days 1987.50

TOTAL COST, \$7975.75

Bond, \$3987.50. Sureties, Joseph Gallian and Rachele Brisa. Limit, 90 days.

Forfeit, \$5. Plans and specifications filed.

FRAME APARTMENTS

(2800) E JANSSEN 71-6 N Greenwich N 33x E 50. All work except shades, lighting fixtures and finished hardware for two-story and basement frame apartments.

Owner.....Joseph Silva, 2191½ Powell San Francisco.

Architect...A. J. Barnett, 335 California, San Francisco.

Contractor...Henry Liebert and Julius Martinelli, 5 Woodard, S. F.

Filed Aug. 12, '14. Dated July 27, '14.

Frame up\$1087.50

Brown coat of plaster on 1087.50

Completed and accepted 1087.50

Usual 35 days 1087.50

TOTAL COST, \$4350.00

Bond, \$2175. Sureties, John Banachowski and N. Capurro. Limit, 90 days.

Forfeit, \$3. Plans and specifications filed.

FRAME STORE

(2801) SE EIGHTEENTH AND RHODE Island E 50xS 30. All work for one-story and basement frame store.

Owner.....L. Kushner, 311 6th, S. F.

Architect...None.

Contractor...F. A. Hansen, 155 Delano, San Francisco.

Filed Aug. 12, '14. Dated Aug. 12, '14.

Roof on\$350

Brown coated 50

Completed 50

Usual 35 days 50

TOTAL COST, \$2000

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

EXHIBIT BOOTH FOR EXPOSITION

(2802) EXPOSITION SITE. All work for exhibit booth in Manufacturers Building.

Owner.....A. J. and J. R. Cook, 152 Second, San Francisco.

Architect...G. A. Dodge, Temporary City Hall, S. F.

Contractor...United Decorators (Sonnenschein Bros.), 323 Sutter, San Francisco.

Filed Aug. 12, '14. Dated Aug. 8, '14.

As work progresses 75%

Usual 35 days 25%

TOTAL COST, \$1800

Bond, none. Limit, Jan. 15, '15. Forfeit, none. Plans and specifications filed.

PAVING STREETS

(2803) INTERSECTION DIVISION & San Bruno Ave and Alameda and San Bruno Ave. Paving streets.

Owner.....Western Pacific Railway Mills Bldg., S. F.

Architect...None.

Contractor...Ernest H. Sundberg, Bacon Bldg., Oakland.

Filed Aug. 12, '14. Dated Aug. 5, '14.

On completion 75%

30 days after 25%

COST, 42 cents per sq. ft. between tracks and 2 feet outside tracks, etc. and at crossings \$748.

Bond, \$950. Surety, National Surety Co. Limit, 90 days. Forfeit, none.

Plans and specifications filed.

ADDITION TO BUILDING

(2804) NO. 111 VIENNA. Add 2 rooms plumbing and concrete foundation.

Owner.....John Fink, Premises.

Architect...None.

Contractor...Frank Schmidt, 87 Naples, San Francisco.

COST, \$500

ELECTRIC WIRING FOR CLUB

(2805) MERCHANTS' EXCHANGE Electric wiring for quarters of S. F. Commercial Club on 13th and 14th floors and roof of The Merchants' Exchange building.

Owner.....The San Francisco Commercial Club, Premises.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Oakland

Construction Manager ..Frederick Whitton.
Contractor...The Electrical Constr. Co., 491 Fell, San Francisco.
Filed Aug. 13, '14. Dated Aug. 10, '14.
As work progresses 75%
Usual 35 days.....Balance
TOTAL COST, \$1835
Bond, \$918. Surety, Chicago Bonding & Insurance Co. Limit, 100 days after August 11. Forfeit, \$5. Plans and specifications filed.

(2506) CARPENTRY WORK ON above.
Contractor...W. D. Henderson, Monadnock Bldg., S. F.
Filed Aug. 13, '14. Dated Aug. 10, '14.
Payments same as above.....
TOTAL COST, \$8247
Bond, \$4123.50. Surety, National Surety Co. Limit, 120 days from Aug. 11. Forfeit, \$15. Plans and specifications filed.

ROOFING FOR IOWA STATE BLDG. (2807) EXPOSITION SITE. Roofing, including ready roofing on back of parapet walls for Iowa State Building.
Owner.....Iowa Commission to Panama-Pacific International Exposition.
Architect...Shockey & Cleveland.
Construction Manager...Frederick Whitton, 805 Charleston Bldg., San Francisco.
Contractor...Malott & Peterson, 682 Monadnock Bldg., S. F.
Filed Aug. 13, '14. Dated Aug. 8, '14.
Monthly as work progresses... 75%
Usual 35 days.....Balance
TOTAL COST, \$330
Bond, none. Limit, 10 days after Sept. 1. Forfeit, \$5. Plans and specifications none.

PILE FOUNDATION FOR LOFT BLDG (2808) N SACRAMENTO 60 E Front N 119-6 E 20 S 59-6 E 20 S 60 W 40. Piling, cutting and pumping for cutting off piles for two-story and basement Class "C" loft building.
Owner.....W. F. Barton, 2524 Central Ave., Alameda.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...Healy-Thibbitts Constr. Co., 9 Main, San Francisco.
Filed Aug. 13, '14. Dated Aug. 12, '14.
50% piles driven.....\$1000
All piles driven..... 1000
Completed and accepted..... 650
TOTAL COST, \$2650
Bond, none. Limit, 15 days after excavation is completed. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE (2809) NW RAIL ROAD AVE AND Hudson Ave N 25-6 W 107-7 1/2 S 24 E 116-3 1/2 Blk 138 S S F H. All work for one-story and basement frame residence.
Owner.....Ellen Bar.
Architect...W. G. Hind, 45 Kearny, San Francisco.
Contractor...Higginson Co., Humboldt Bank Bldg., S. F.
Filed Aug. 13, '14. Dated Aug. 12, '14.
Rustic and roof boards on....\$707.50
Brown coated 707.50
Completed and accepted..... 707.50
Usual 35 days..... 707.50
TOTAL COST, \$2830.00
Bond, \$1415. Sureties, B. Gallagher and H. Schrober. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE (2810) W TENTH AVE 225 S Lake S 25xW 120. All work for two-story frame residence.
Owner.....Wm. L. Vice.
Architect...None.
Contractor...Ruegg Bros., Pacific Bldg., San Francisco.
Filed Aug. 13, '14. Dated Aug. 11, '14.
Frame up\$650
Brown coated 650
Completed and accepted..... 650
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS (2811) E DOLORES 60 S 20th S 41-6x E 20. All work except wall beds, hot water supply, heating system, finish hardware, shades and lighting fixtures for two-story and basement frame (2) flats.
Owner.....Roderic A. Troyer, 2473 Mission, San Francisco.
Architect...Ernest U. Essmann, 3800-A 24th, San Francisco.
Contractor...A. E. Olson.
Filed Aug. 13, '14. Dated Aug. 12, '14.
Frame up\$1100
Brown coated 1100
Completed and accepted..... 1100
Usual 35 days..... 1100
TOTAL COST, \$4400
Bond, \$2200. Sureties, Jno. T. Miller and H. A. Norman. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTER BUILDING (2812) NO. 105 LAIDLEY. Alterations.
Owner.....H. Coltzan, Premises.
Architect...None.
Contractor...G. Heden, 116 Sussex, S. F.
COST, \$700

NOTE:—Bond is only for benefit of plumbing, gas fitting and sewerage.

FRAME RESIDENCE (2810) W TENTH AVE 225 S Lake S 25xW 120. All work for two-story frame residence.
Owner.....Wm. L. Vice.
Architect...None.
Contractor...Ruegg Bros., Pacific Bldg., San Francisco.
Filed Aug. 13, '14. Dated Aug. 11, '14.
Frame up\$650
Brown coated 650
Completed and accepted..... 650
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS (2811) E DOLORES 60 S 20th S 41-6x E 20. All work except wall beds, hot water supply, heating system, finish hardware, shades and lighting fixtures for two-story and basement frame (2) flats.
Owner.....Roderic A. Troyer, 2473 Mission, San Francisco.
Architect...Ernest U. Essmann, 3800-A 24th, San Francisco.
Contractor...A. E. Olson.
Filed Aug. 13, '14. Dated Aug. 12, '14.
Frame up\$1100
Brown coated 1100
Completed and accepted..... 1100
Usual 35 days..... 1100
TOTAL COST, \$4400
Bond, \$2200. Sureties, Jno. T. Miller and H. A. Norman. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTER BUILDING (2812) NO. 105 LAIDLEY. Alterations.
Owner.....H. Coltzan, Premises.
Architect...None.
Contractor...G. Heden, 116 Sussex, S. F.
COST, \$700

FRAME RESIDENCE (2813) E THIRTY-FIFTH AVE 75 N Anza. One-story and basement frame dwelling.
Owner.....Leigh & Schultz, 419 21st Ave., San Francisco.
Architect...None.
Day's work. COST, \$1800

FRAME RESIDENCE (2814) E THIRTY-FIFTH AVE 50 N Anza. One-story and basement frame dwelling.
Owner.....Leigh & Schultz, 419 21st Ave., San Francisco.
Architect...None.
Day's work. COST, \$1900

FRAME RESIDENCE (2815) E THIRTY-FIFTH AVE 25 N Anza. One-story and basement frame dwelling.
Owner.....Leigh & Schultz, 419 21st Ave., San Francisco.
Architect...None.
Day's work. COST, \$1900

ALTER CAFE (2816) NO. 1360 FILLMORE. Alter cafe.
Owner.....Geo. L. Dealey, Premises.
Architect...None.
Day's work. COST, \$600

FRAME STORES (2817) N SIXTEENTH 85 E Guerrero. One-story frame stores.

Owner.....Alice L. Alexander, 2068 Buena Vista Ave., Alameda
Architect...None.
Contractor...L. Keller & Crane, 94 Miramar, San Francisco.
COST, \$1800

FRAME RESIDENCE (2818) NO. 248 DUBLIN. One and one half-story and basement frame dwlg
Owner.....Peter S. Kasper, Premises.
Architect...None.
Contractor...John Kupiec.
COST, \$900

ELECTRIC SIGN (2819) NO. 340 STOCKTON. Electric sign.
Owner.....Allied Apartments Co., 340 Stockton, San Francisco.
Architect...None.
Contractor...Moise Klinkner Co., 1212 Market, San Francisco.
COST, \$700

REPAIRS AND ADDITIONS (2820) NO. 970 CAPITOL. Minor repairs and additions.
Owner.....Mary Resch.
Architect...None.
Contractor...A. Martin, 248 Lee Ave., San Francisco.
COST, \$1000

ALTER FLAT INTO STORE (2821) NO. 1457 HAIGHT. Alter basement and change flat into store.
Owner.....L. Frohman, 909 Kohl Bldg San Francisco.
Architect...A. Jacobs, French Bank Bldg., San Francisco.
Contractor...L. Schmidt, 448 Jessie, San Francisco.
COST, \$1200

FRAME RESIDENCE (2822) W THIRTY-SIXTH AVE 25 S Balboa. Two-story and basement frame dwelling.
Owner.....W. R. Kenny, 430 Arguello Blvd, San Francisco.
Architect...None.
Day's work. COST, \$2500

FRAME SALESROOM (2823) N PERRY 110 E Fifth. Two-story frame salesroom.
Owner.....Ensign Oil Co., 687 2nd Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

FRAME RESIDENCE (2824) W THIRTY-SIXTH AVE 50 S Balboa. Two-story and basement frame dwelling.
Owner.....W. R. Kenny, 430 Arguello Blvd, San Francisco.
Architect...None.
Day's work. COST, \$2500

FRAME RESIDENCE (2825) E FIFTH AVE 225 S Cabrillo. Two-story and basement frame dwlg.
Owner.....Theo. Puending, 606 Whitney Bldg., S. F.
Architect...None.
Contractor...H. C. Mangels, 2677 McAllister, S. F.
COST, \$2800

FRAME FLATS (2826) S KIRKHAM 32-6 E 11th Ave E 25xS 100 O L 778. All work for two-story frame flats.
Owner.....Annie Ahkman, 1510 11th Ave., San Francisco.
Architect...None.

Contractor..Oscar Swanson, 4066 18th, San Francisco.
Filed Aug. 14, '14. Dated Aug. 14, '14.
Frame up.....\$1250
Brown coated.....1250
Completed and accepted.....1250
Usual 35 days.....1250
TOTAL COST, \$5000
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

BAZAAR, RESTAURANT, THEATRE EXPOSITION SITE
(2827) EXPOSITION SITE. All work for bazaar, restaurant and theatre.
Owner.....The Chinese Village and Pagoda Company.
Architect...A. J. Coffey, Humboldt Bank Bldg., San Francisco.
Contractor..Van Franz and Fred P. Fisher, 180 Jessie, S. F.
Filed Aug. 14, '14. Dated July 9, '14.
2nd story joists in position...\$ 6,000
Tower framed to roof line.....6,000
Boarded and floors laid.....8,000
Principal outside finish on.....8,000
Completed and accepted.....8,000
Usual 35 days.....12,000
TOTAL COST, \$48,000
Bond, none. Limit, Jan. 1, 1915. Forfeit, none. Plans and specifications filed.

STORE FITTING
(2828) NW POWELL AND SUTTER.
Carpenter and cabinet work, glass and glazing, tile and marble work, hardware and painting for store.
Owner.....Shumate's Pharmacy, Inc., Sutter & Devisadero, S. F.
Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
Contractor..Praas & Kuhn Co., 58 Dearborn, San Francisco.
Filed Aug. 14, '14. Dated Aug. 12, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$435
Bond, \$2180. Surety, H. D. Junck and Nicholas Epting. Limit, 36 days. Forfeit, \$10. Plans and specifications filed.

FRAME FLATS
(2829) S BROADWAY 183-6 W Jones W 23x50 50 50 W 876. All work for two-story and basement frame flats.
Owner.....Pilegro Casella.
Architect...L. Traverso, 854 Union, San Francisco.
Contractor..G. Ferroni & Sons, 1709 Lombard, San Francisco.
Filed Aug. 14, '14. Dated Aug. 14, '14.
Roof on.....\$975
Brown coated.....975
Completed and accepted.....975
Usual 35 days.....975
TOTAL COST, \$3900
Bond, \$1950. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

FRAME RESIDENCE
(2830) W FORTY-SEVENTH AVE 100 N Judah. One-story and basement frame dwelling.
Owner.....A. C. Campbell, 4407 Judah San Francisco.
Architect...None.
Contractor..C. Hughes, 1452 48th Ave., San Francisco.
COST, \$700

SHINGLES EXTERIOR, ETC.
(2831) NO. 1911 LEAVENWORTH.
Shingle exterior and painting.
Owner.....D. Atkins, Premises.
Architect...Wm. Knowles, Hearst Bldg., San Francisco.
Day's work. COST, \$400

FRAME BARN
(2832) S WATER 80 W Mason 39-6x 57-6. All work for two-story frame barn.
Owner.....G. Molinari Co., 122 Varennes, San Francisco.
Architect...None.
Contractor..B. Pagano, 48 Allen, S. F.
Filed Aug. 15, '14. Dated Aug. 11, '14.
Barn completed.....\$325
Usual 35 days.....825
TOTAL COST, \$1650
Bond, none. Limit, 30 days from Aug. 17. Forfeit, none. Plans and specifications filed.

NEW FRONT
(2833) NOS. 3777-79 MARKET. New front.
Owner.....English Investment Co., 5 Montgomery, S. F.
Architect...None.
Contractor..Ward & Goodwin, 110 Jessie, San Francisco.
COST, \$500

REPAIR FIRE DAMAGE
(2834) NO. 253 FOURTH. Repair fire damage.
Owner.....Mrs. J. Chassangne, 2679 Fruitvale Ave., Fruitvale.
Architect...None.
Contractor..J. Salanave, 931 Pacific BSan Francisco.
COST, \$500

FRAME DWELLING
(2835) NO. 2514 Yorba. One-story frame dwelling.
Owner.....A. J. Hoffman, Premises.
Architect...None.
Day's work. COST, \$900

FRAME STORE AND ROOMS
(2836) SE PERSIA 25 NW Vienna 45 x100. All work except grading, gas and electric fixtures for one-story frame building (2 stores and rooms.)
Owner.....P. F. Wolff, Persia and Naples, San Francisco.
Architect...None.
Contractor..John Casty, 110 Jessie, San Francisco.
Filed Aug. 15, '14. Dated Aug. 6, '14.
Enclosed and roof on.....\$1100
Completed.....1100
Usual 35 days, balance.....725
TOTAL COST, \$2935
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ROOFING FOR FREIGHT SHEDS
(2837) LOCATION NOT GIVEN. Tar and gravel and composition roofing for freight sheds B and E.
Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
Architect...None.
Contractor..Fibrestone & Roofing Co., Inc., 971 Howard, S. F.
Filed Aug. 15, '14. Dated July 31, '14.
On completion.....
Usual 35 days, balance.....
TOTAL COST, \$992
Bond, \$500. Sureties, W. M. Cashman and R. Forbes. Limit, forfeit, none. Plans and specifications, none.

ELEVATOR WORK
(2838) S MARKET AND THIRD SW 75x8E 70. One hydro electric sidewalk elevator, 2 stage centrifugal pump, piping and tank.
Owner.....City Investment Co.
Architect...J. R. Miller, 213 Lick Bldg., San Francisco.
Contractor..Pacific Gurney Elevator Co., 186 5th, S. F.
Filed Aug. 15, '14. Dated July 30, '14.
Completed and accepted.....75%

Usual 35 days.....25%
TOTAL COST, \$995
Bond, \$497.50. Surety, Illinois Surety Co. Limit, none. Forfeit, \$10. Plans and specifications filed.

(2839) CONSTRUCTION AND COM-
pletion of alterations to sidewalk of Claus Spreckels Bldg.
Contractor..Stanquist & Forbes, 681 Market, San Francisco.
Filed Aug. 15, '14. Dated July 31, '14.
Payments same as above.....
TOTAL COST, \$2340
Bond, \$670. Surety, Aetna Accident & Liability Co. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Aug. 1, 1914—W BAKER 62-6 S Fil-
bete S 25xW 87-6. Louis Cuneco to
whom it may concern...July 31, 1914
Aug. 1, 1914—N CASELI AVE 25 E
Clover E 25xN 62. Lucie and John
H or J H Noller to L A Secor.....
.....July 31, 1914
Aug. 1, 1914—V FORTIETH AVE 175
S Lincoln Way 25x120. Peter
Michel to Geo V McCausland.....
.....August 1, 1914
Aug. 1, 1914—E FILLMORE 200 N
Chestnut E 3272-25 — 487-50 W
3272-25 S 487-50; SW Chestnut and
Fillmore N 200xW 1650. Panama-
Pacific International Exposition Co
to Filinn & Treacy.....July 27, 1914
Aug. 3, 1914—N MARKET 49-9% E
Page E 27-1% N 112-0% W 22 S
parallel with Franklin 127-10%.
Augustin S Macdonald to Charles
B Hadley.....July 24, 1914
Aug. 3, 1914—N RIVOLI 100 E Stan-
yan E 25xN 100. Emil Nelson to
whom it may concern.....Aug. 3, 1914
Aug. 3, 1914—N GREEN 166-3 W
Larkin W 28-9xN 145. Thomas F
Barry to Thomas F Barry.....
.....August 3, 1914
Aug. 3, 1914—SW NINTH AVE AND
Judah S 100xW 57-6. Parnassus
Hall Association to Thomas A Cavan-
agh.....July 24, 1914
Aug. 3, 1914—NE RANDOLPH AND
Arch E 50xN parallel with Arch
100; Lots 7 and S Blk 30, City Land
Association. Helen P Swan to J C
Stromswold.....July 25 1914
Aug. 4, 1914—S LAKE 82-6 E 24th
Ave E 50xS 100. Geo C and Helen
M Sargent to Fred J H Rieckon....
.....August 3, 1914
Aug. 4, 1914—LOT 26 BLK 22 Forest
Hill. J S Malloch to J S Malloch...
.....July 31, 1914
Aug. 4, 1914—N LAKE 30 W Seventh
Ave W 28xN 75. Fred Roettger to
whom it may concern.....Aug. 1, 1914
Aug. 4, 1914—E TWENTY-SECOND
Ave 225 N California N 25xE 120.
Jas Welsh to James Welsh & Co....
.....July 31, 1914
Aug. 4, 1914—E SEVENTH AVE 25 S
Kirkham (K) S 50xE 95. A J
Ralsch to Cox Bros.....Aug. 3, 1914
Aug. 4, 1914—SE BRODERICK AND
Levis E 412.50xN 250 m o i L. Pan-
ama- Pacific International Exposi-
tion Co to Hyde Harjes & Co, Inc.
.....July 30, 1914
Aug. 4, 1914—SE DUBOCE AVE AND
Walter. E J or Edw J McDonald
to Schroder & McIntosh, July 31, 1914
Aug. 4, 1914—JACKSON NOS. 1446-
1448-1450. L S and Mella Church
to J Eric Johanson.....Aug. 3, 1914

Aug. 4, 1914—W WEBSETR 112-6 S Ellis. Sarah Mintz and Harry Abramson to John J. Binet Co. July 29, 1914
 Aug. 5, 1914—E CONNECTICUT 125 S 18th S 25 N 100 E 25 W 100. Franz Rettig and Anna Rettig to whom it may concern. Aug. 1, 1914
 Aug. 5, 1914—E TWENTY-SECOND Ave 325 N Clement N 25x E 120. M F Nolan to whom it may concern. Aug. 5, 1914
 Aug. 5, 1914—N ORTEGA 32-6 W 8th Ave W 25x N 100. Guerrero Realty Co to Edwin Anderson and John Carlson. Aug. 4, 1914
 Aug. 5, 1914—NE SIXTEENTH AND Mission N 260x E 240 m or l. Henry Invest Co to Jas S Fennell. Aug. 4, '14
 Aug. 5, 1914—S CLAY 20 E Taylor 25x 89-9. John Dempnick to whom it may concern. Aug. 5, 1914
 Aug. 6, 1914—N BUSH adj E side Mills Bldg 68-9 on Bush. Ogden Mills to Palace Hardware Co. July 28, 1914
 Aug. 6, 1914—NE COTTER 78 SE Alemany Ave SE 25x NE 100 ptn Lots 124, 125 Blk 6 Academy. Michael McDonough to whom it may concern. Aug. 6, 1914
 Aug. 6, 1914—W SANCHEZ 56 S 25th 28x76-9. Bridget J Carmody to Ruegg Bros. Aug. 6, 1914
 Aug. 7, 1914—N GOLDEN GATE AVE 43-4 E Pierce; No. 1481 Golden Gate Ave. Mr H and Mrs M I Dooley to Anderson & Co. Aug. 7, 1914
 Aug. 7, 1914—W TWENTY-FIFTH Ave 125 N Irving N 25x W 120. Ilavard & Hill to whom it may concern. Aug. 4, 1914
 Aug. 7, 1914—S GREEN 205 W Desvendero S 137-6x W 35. Mrs Mary P Spalding to William Martin. August 5, 1914
 Aug. 7, 1914—W LARKIN 72-6 N Mission N 25x W 93-4. E H Hildebrand to Walters & Pierson. Aug. 6, 1914
 Aug. 7, 1914—N GREEN 116-3 1/2 W Jones W 47x N 120 to Macandray. John McGaw to The Hill Bros Co. July 24, 1914
 Aug. 7, 1914—E TWENTIETH AVE 75 S Geary (Pt. Lobos Ave) S 25x E 90. Joseph C Kirby to whom it may concern. Aug. 7, 1914
 Aug. 8, 1914—S SECOND 85 — Folson St W 95 S 50 E 95. Protestant Episcopal Bishop of California to Johnston, Branagh & Cuthbertson. August 5, 1914
 Aug. 8, 1914—W TRINITY 68-9 N Sutter W 61-3 1/2x N 34-4 1/2. French American Bank of Savings by Agt. P J Walker Co to Ickelheimer Bros Co. Aug. 5; M Lyden and J T Bickel, July 30; Jos Musto Sons-Kennan Co. Aug. 4, 1914
 Aug. 10, 1914—SE FILLMORE AND Lombard S 120 E 45 N parallel with Fillmore 110 E parallel with Lombard 20 N 9 W 65. Adolph Gunzen-dorfer, lessee to S Montani. Aug. 6, 1914
 Aug. 10, 1914—N GREEN 110-10 W Eaker N 60 E 40 S 60-6 W 40. Jeanette W Torney (Mrs E J Torney) to Wm Martin. Aug. 1, 1914
 Aug. 10, 1914—FOLSOM NO. 2148. G Allen to McGowan & Butler. August 7, 1914
 Aug. 10, 1914—E POMONA 200 S Bay View S 100x E 100. Wm Denner to Patrick H Madden. Aug. 8, 1914
 Aug. 10, 1914—N CLIPPER 80 E Douglass E 40x114. Oscar Lind to whom it may concern. July 15, 1914

Aug. 11, 1914—E TWENTY-FIRST Ave 300 S Lincoln Way. Angilitta Lindsey to MacArthur Bros. August 10, 1914
 Aug. 11, 1914—NE EIGHTEENTH & Mission N 47x E 100. W A Halsted Foster Vogt Co. Aug. 4, 1911
 Aug. 11, 1914—W TWENTY-FOURTH Ave 250 N Geary N 25x W 120. Wm H Walshall to whom it may concern. Aug. 11, 1914
 Aug. 11, 1914—E THIRD AVE 200 N Anza N 25x E 120. Joseph Coleman to John V Stiefel. Aug. 11, 1911
 Aug. 10, 1914—N BUSH 37-6 W Hyde W 34-4 1/2x N 137-6. Martin S Show to T E Davis & Son. Aug. 10, 1914
 Aug. 12, 1914—E HYDE 112-6 N Eddy J G Kincanon to whom it may concern. Aug. 10, 1914
 Aug. 12, 1914—SW SUTTER AND Powell. York Realty Co to Decker Elec Constr Co, July 10, 1914; J E O'Mara, July 10, 1914; Val Franz. July 20, 1914
 Aug. 12, 1914—S TWENTY-NINTH 205 W Noe W 25x N 114. Hulda Peterson to whom it may concern. Aug. 7, 1914
 Aug. 12, 1914—W PROSPECT AVE 25 S Heyman Ave S 21-6 W 70 N 21-6 E to beg. Jno and Johanna Kelleher or Kelleher to Elmer Carlson. August 10, 1914
 Aug. 12, 1914—SE FULTON & COLE 25x83-6. Mrs M Maher to J B Reite and B R Halling. Aug. 7, 1914
 Aug. 12, 1914—S BUSH 87-6 E Polk 63-6x120. E L Hueter to Ferguson & Locke Co. Aug. 5, 1914
 Aug. 12, 1914—W JORDAN AVE 333-4 S Euclid S 33-4x W 120. Jeannette A Jordan to A M Wallen. Aug. 7, 1914
 Aug. 12, 1914—EXPOSITION SITE (Service yard & warehouse group) Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen. Aug. 5, 1914
 Aug. 12, 1914—NW THIRD AVE AND Hugo W 95x N 25. Captain Geo H Goodell to whom it may concern. August 12, 1914
 Aug. 12, 1914—W SECOND AVE 56-11 1/2 S Cabrillo S 29x W 120. Thomas R Skerrett to Ira W Coburn, Inc. Aug. 12, 1914
 Aug. 12, 1914—NE FULTON AND Parker Ave E 175x N 275. The President and Board of Trustees of St. Ignatius College to A Knowles, July 31; Robert Brandlein and R Brandlein & Co. July 31, 1914
 Aug. 12, 1914—S JERSEY 159-6 W Diamond W 25x S 114. D Curtin to Roberts & Woolf. Aug. 11, 1914
 Aug. 12, 1914—SW POST & POWELL W137-6 S 63-6 E 69-7 N 6-6 E 67-11 S 57. Crocker Hotel Co to Mangrum & Otter. Aug. 6, 1914
 Aug. 13, 1914—N BROADWAY 68-9 W Webster W 148-9x N 275. James L Flood to Pacific Mfg Co. August 6, 1914
 Aug. 13, 1914—W FRONT near Market. A B Spreckels to Lamson Co. August 1, 1914
 Aug. 13, 1914—SW ELLIS & FRANKlin. Roman Catholic Archbishop of San Francisco to John J Leonard. August 5, 1914
 Aug. 13, 1914—NE CALIFORNIA & Davis. A B Spreckels to McGilvray Stone Co. Aug. 1, 1914; Butte Eng & Elce Co. Aug. 1, 1914
 Aug. 14, 1914—NE CALIFORNIA AND Davis. A B Spreckels to Home Manufacturing Co. Aug. 1, 1914
 Aug. 14, 1914—N BUSH adj. E side Mills Bldg having a frontage on

Bush of 68-9. Ogden Mills to Petersen-James Co. Aug. 10, 1914
 Aug. 11, 1914—S SUTTER 119 E Fillmore E 52x S 137-6. William and Elizabeth Merkelbach to B H Barnes. Aug. 13, 1914

LIENS FILED.

San Francisco.

Aug. 1, 1914—W EIGHTEENTH AVE 125 N Clement N 25x W 120 (Record 67 lns 203). Ernest and Albin Warden (as Warden Bros) vs E F Helms. \$100
 Aug. 1, 1914—W FORTY-EIGHTH Ave 250 S Irving S 75x W 120. Columbia Lumber Co vs Ida M Cambridge and Geo V McCausland. \$1256.29
 Aug. 1, 1914—W FORTY-EIGHTH Ave 250 S Irving S 75x W 120; N Judah 157-6 E 48th Ave E 50x N 100. J H Kruse vs Ida M Cambridge & Geo V McCausland. \$750.52
 Aug. 3, 1914—N MISSION 343-4 1/2 W Seventh W 31-7 1/2x N 165. Thomas G Wyatt and Chas Wyatt (as Wyatt Bros) vs Neil A McLean and Talbot Investment Co. \$187.50
 Aug. 4, 1914—S GEARY 137-6 E Mason E 112-6x S 137-6. Wyatt Bros vs Neil A McLean and Stewart Est Co. \$499.50
 Aug. 5, 1914—S GEARY 137-6 E Mason E 37-6x S 137-6. Fibrestone & Roofing Co vs Stewart Estate Co and Neil A McLean. \$248
 Aug. 5, 1914—S GEARY 137-6 E Mason E 37-6x S 137-6. Taylor & Co, \$1758.10; W P Fuller, \$1876.47 vs Stewart Est Co & Neil A McLean
 Aug. 6, 1914—N ARMY 130 E Twin Peaks Ave. O Chinn vs W D Lambert and Geo C Wright. \$100
 Aug. 6, 1914—S GEARY 137-6 E Mason E 75x S 137-6. R Ringrose and James Ringrose (as R Ringrose & Son) vs Chas A Stewart and Neil A McLean. \$584.92
 Aug. 7, 1914—N MISSION 343-4 1/2 W Seventh W 31-7 1/2x N 165. Santa Cruz Portland Cement Co vs Neil A McLean. \$2495.93
 Aug. 7, 1914—S GEARY 137-6 E Mason E 37-6x S 137-6. Pope & Talbot, \$298.24; United Material Co, \$17.50 vs Stewart Est and Neil A McLean
 Aug. 7, 1914—E ARKANSAS 191 N 22nd. The Greater City Lumber Co vs Michael and Delia Allen. \$2130
 Aug. 7, 1914—S GEARY 137-6 E Mason E 37-6x S 137-6. Santa Cruz Portland Cement Co vs Neil A McLean. \$610.53
 Aug. 10, 1914—S GEARY 162-6 W Powell W 112-6x S 137-6. Muir & Symon, Inc vs Niel McLean and Stewart Estate Co. \$40
 Aug. 11, 1914—W EIGHTEENTH AVE 125 N Clement N 25x W 120. M Schimetschek vs E F Helms. \$45
 Aug. 11, 1914—NW MISSION 313-4 1/2 SW 7th S 31-7 1/2x NW 165. R Ringrose & Son vs Talbot Invest Co and Neil A McLean. \$175
 Aug. 11, 1914—E NINTH 75 N McLean Court, bet Harrison and Bryant Lot 25x100. J A Hill vs R H Morgan. \$132.50
 Aug. 12, 1914—W TWELFTH AVE 75 S Anza S 25x W 95; W 12th Ave 175 S Anza S 25x W 120. McGlinchey & Monaghan vs A R Lapham and R McLelland. \$183.55
 Aug. 12, 1914—N BUSH 137-6 W Jones W 68-9x N 137-6. Grant Fee vs Mrs Lizzie H Glide. \$6882.77

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Aug. 12, 1914—N MISSION 343-4½ W
Seventh W 31-7¼xN 165. D A Mc-
Lean, \$112; The Paraffine Paint Co
\$.63 vs Talbot Investment Co and
Neil A McLean.....

OAKLAND AND ALAMEDA COUNTY.

WHARF—Timber construction. Cost
not stated. Oakland, Cal. Engineer,
James E. Sutton, Oakland. Owners,
City of Oakland. Plans prepared by
City Engineer James E. Sutton of Oak-
land have been approved by the City
Council. Original plans were found to
be too light for the purpose to which
the wharf will be put. Specifications
are now being written and bids will
be called for very shortly.

SEWER CONSTRUCTION—Cost not
stated. Livermore, Alameda Co., Cal.
Engineer, City Engineer, Livermore.
Owners, City of Livermore. Bids have
been ordered advertised for on the
construction of 1,164 feet of six-inch
sewer. Vitrified, salt glazed pipe will
be used. Plans have been prepared by
the City Engineer.

APARTMENT HOUSE—3 story and
base, frame, \$25,000. Berkeley, Ala-
meda Co., Cal. Architect, Clay N. Bur-
rell, Albany Bldg., Berkeley. Owner's
name withheld. The building will be
erected on College avenue near Clare-
mont, covering an area of 70 by 70
feet. Interior will be arranged for
two and three room suites. Pine and
elm panels will be used for interior
finish. All suites will have wall beds
and private baths. Bath rooms will
have tile wainscot and composition
floors. Plans provide for steam heat
and a hot water supply. Exterior of
the building will be covered with ce-
ment plaster on metal lath. Plans are
being prepared.

**APARTMENT HOUSE LIGHTING
FIXTURES, ORNAMENTAL IRON
WORK, WALL PAPER AND FUR-
NISHINGS**—Cost not stated. Oakland,
Cal. Architect, Clay N. Burrell, Al-
bany Bldg., Oakland. Owner, C. Lange.
The building at the corner of Grand
avenue and Park View Terrace is now
nearly completed and the architect is
taking figures for the above mentioned
work.

CHURCH—2 story and base. Class
C construction, \$40,000. Berkeley, Ala-
meda Co., Cal. Architect, Eugene K.
Martin, 2192 Shattuck avenue, Berke-
ley. Owners, First Baptist Church.
The building will be erected at the
corner of Dana and Haste streets, cov-
ering a large ground area. There will
be a main auditorium, Sunday school
rooms, social hall and pastor's study.
Interior will be finished in pine with
ornamental plaster in the main audi-
torium. There will be steam heat. Art
glass windows will be used. Exterior
of the building will be faced with
pressed brick. Plans are complete
and in the hands of the Building Com-
mittee who are now taking all figures.

CHURCH—2 story and base. Class
C construction, \$75,000. Oakland, Cal.
Architect, William A. Newman, David
Hewes Bldg., S. F. Owners, Oakland
Christian Science Church. The build-
ing will be erected on 34th street near
Telegraph, and will cover a large
ground area. Construction will be of
either brick and steel or reinforced
concrete. Interior will contain a
large main auditorium, reading rooms
and lecture halls. Interior finish will
be of pine and hardwood. Some art
glass will be used. There will be
steam heat and a modern system of
ventilating. Exterior of the building
will be faced with either pressed brick
and terra cotta or cement plaster. Pre-
liminary plans only have been pre-
pared.

CREAMERY—2 story and base, re-
inforced concrete, \$10,000. Oakland,
Cal. Architect, none. Owners, Jersey
Milk, Cream and Butter Co., 37th near
Grove, Oakland. The building will be
erected on 37th street near Grove, and
will contain the offices of the company,
sales rooms and creamery. Interior
will be finished in pine with consid-
erable tile and marble. There will be
special machinery, furnished by the
owners. Exterior of the building will
be faced with cement plaster. A ce-
ment floor will be used. Plans are
complete and figures are now being
taken by the owners.

RESIDENCE—2 story and base,
frame, cost not stated. Berkeley, Ala-
meda Co., Cal. Architect, Olin S. Grove,
2911 Telegraph avenue, Berkeley. Own-
er, Mathew Hunter. The dwelling will
be erected on North Woolsey street
east of Dana, and has been designed
for a seven-room house with bath and
sleeping porch. Interior will be fin-
ished in pine and hardwood. Hard-
wood floors will be used in the living
room, dining room and reception hall.
There will be furnace heat and open
fire places. Mantels will be of tile.
The wainscot and floor will be used
in the bath room. An automatic water
heater will be installed. Exterior of
the house will be covered with cement
plaster on metal lath. Plans are com-
plete and figures are being taken.

RESIDENCE—2 story and base,
frame, \$6,000. Oakland, Cal. Archi-
tect, Warren S. Perry, 2636½ Dwight
Way, Berkeley. Owner, Leo M. Mott,
Jr. The dwelling will be erected at
the corner of 59th and Heinbold Road
and has been designed for an eight-
room house with bath and sleeping
porch. Interior will be finished in
pine with some elm panels. Hard-
wood floors will be used in the prin-
cipal rooms. Plans provide for fur-
nace heat and open fire places. Man-
tels will be of tile or brick. Bath room
will be finished in tile. An automatic

ater heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans complete and the work will be done by Day Labor. Figures are now being taken for the plastering, plumbing and electric work.

RESIDENCE — 2 story and base, same. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Oak Bldg., Oakland. Owner, Mrs. L. Lehbach. The dwelling will be erected on Fairbanks avenue and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine with some redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and floor will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, same, \$5,000. Oakland, Cal. Architect, Olin S. Grove, 2911 Telegraph ave., Berkeley. Owner, Mrs. L. Olson. The dwelling will be erected in East Edmont Heights and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with me white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans have been completely redrawn and new figures are now being taken.

RESIDENCE — 2 story and base, same, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, W. H. Lynes, 2711 Ashby avenue, Berkeley. The dwelling will be erected at the corner of Claremont Boulevard and Alameda avenue. There will be seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES — 18, 1 and 2 story and same, frame, \$2,000 to \$3,500. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. These houses will all be erected on the same tract and will be designed to contain from five to seven rooms. The larger houses will have furnace heat. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. Open fire places and tile or brick mantels will be specified. Automatic water heaters will also be used. Tile wainscot will be used in the bath rooms. Exterior will be covered with rustic,ingles and cement plaster on metal lath. Plans are now being prepared and when complete the work will be

done by Day Labor. Further mention will be made of the work.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, Mrs. R. Clifford. The dwelling will be erected in South Berkeley and has been designed to contain eight rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

THEATRE — 1 story and base, brick and steel, \$20,000. Oakland, Cal. Architect, Alvin J. Stern, 1512 Broadway, Oakland. Owner's name withheld. The building will be erected on the east side of Telegraph avenue south of 33rd street. Construction will be practically fireproof. A cement floor will be used. Interior will be finished in pine and ornamental plaster. A modern system of ventilation will be installed. Special electric work is specified. An organ, estimated to cost \$5,000, will be installed. Exterior of the building will be faced with buff pressed brick. Plans are complete and figures are now being taken.

THEATRE — 1 story and base, brick, \$12,000. Berkeley, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Adeline street and will cover a large ground area. Interior will be finished in pine and ornamental plaster. Modern ventilating and electric work will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

THEATRE — 1 story and base. Class C construction. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Itatiff, Jr., First National Bank Bldg., Berkeley. Owners, J. A. Elstone and George Clark. This building, which has been mentioned here before, will be erected on Durant avenue east of Telegraph. Plans have been revised and new figures are being taken on the various parts of the work. Interior will be finished in pine and ornamental plaster. Plans provide for a modern system of ventilation and special electric work. There will be one store besides the theatre. Exterior of the building will be faced with pressed brick.

Contracts Awarded.

ROAD IMPROVEMENT — \$3,191. Oakland, Cal. Engineer, County Surveyor, Oakland. Owners, Alameda County. Contractor, P. H. Hoare, Oakland. Contract price, \$3,191.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
1985	Todd	Anderson	200
1986	Alder	Alder	1600
1987	Hubbard	Knowles	14700
1988	Oramas	Okl Bldg	1950
1989	Farrelly	Donohue	12000
1990	1st Hebrew Ch.	Grauer	2750
1992	White	Schnebly	500
1994	Pacific G&E Co.	Owner	450
1995	Same	Same	450
1996	Same	Same	450
1997	Same	Same	450
1998	Same	Same	400
1999	Peppin	Peppin	2500
2002	Crabb	Williams	2400

2003	Mott	Mott	6000
2001	Sansen	Hansen	2500
2005	Woodard	Woodard	2500
2006	Novovin	Pearson	5500
2009	Murray	Murray	2000
2010	Johnson	Litton	900
2011	Anderson	Anderson	2500
2012	Lauson	Anderson	1500
2013	Colt	Colt	2000
2008	Mason	Wald	1775
2015	Okl Homes Corp.	Owner	2425
2016	Same	Same	2425
2017	Same	Same	2425
2018	Same	Same	2425
2019	Same	Same	2425
2020	Stone	Cederborg	2500
2021	Welch	Welch	1900
2022	Colman	Griffin	2400
2023	Garavent	Garavent	1800
2024	Giusti	Morgan	600
2025	Perelval	Thomson	500
2026	Calou	Reahni	4370
2031	Ehret	Warren	4112
2032	Davis	Langtry	600
2033	Yeazell	Corbett	600
2034	Martin	Dance	2000
2035	Miller	Ferguson	400
2036	Noll	Noll	400
2040	De Puy	Ferguson	5500
2042	Le Baron	Le Baron	2000
2043	Adamson	Rountree	2000
2044	Kamuler	Lind	400
2045	Pfrang	Pfrang	2500
2046	Buchanan	McInce	1300
2047	Pfrang	Pfrang	2000
2048	Economy Oil	Thornalley	1000
2049	Lewis	Texdahl	850
2050	Japanese Men	Anderson	400
2051	Colt	Colt	2000
2052	Venderpeerboome	Anderson	1000
2053	Anderson	Geary	2300
2054	Merguire	McInce	4000
2057	Morse	Morgan	8410
2058	Johnson	Litton	650

ALTER BUILDING

(1985) NO. 654 FIFTY-FOURTH, Oakland. Alterations. Owner, ..Jos. Todd, Premises. Architect, ..None. Contractor, ..Jas. Anderson, 715 43rd, Oakland. COST, \$300

FRAME RESIDENCE

(1986) W SIXTY-SECOND AVE 120 N Avenal Ave., Oakland. One-story 5-room dwelling. Owner, ..A. Alder, 2487 62nd Ave., Oakland. Architect, ..None. Contractor, ..Alder & Thomas, 2487 62nd Ave., Oakland. COST, \$1600

FRAME DWELLING

(1987) SW SANTA ROSA & VERNON Aves., Oakland. Two-story 15-room dwelling. Owner, ..B. S. Hubbard. Architect, ..Wm. Knowles. Contractor, ..Wm. Knowles, Central Bk. Bldg., Oakland. COST, \$14,700

ALTER FRAME RESIDENCE

(1908) N APGAR 100 E West E 35xN 125, Oakland. Alterations, additions and repairs to frame dwelling. Owner, ..Mercedes and Gertrude Oramas, 732 Apgar, Okd. Architect, ..None. Contractor, ..Oakland Bldg. & Investment Co., Bacon Bldg., Okd.

Filed Aug. 10, '14. Dated Aug. 8, '14.
 Frame up\$500
 Plastered and exterior painted 1 coat 500
 Completed and accepted..... 450
 Usual 35 days..... 500
 TOTAL COST, \$1950
 Bond, \$1000. Sureties, H. M. Louise Koenig and Helen Hastings. Limit, 90 days. Forfeit, none. Plans and specifications filed.

MAUSOLEUM

(1989) PLOT 51 MOUNTAIN VIEW Cemetery, Oakland. All work for mausoleum.

Owner.....Mrs. R. S. Farrelly, Okd.
Architect...None.
Contractor...Frank D. Donohue (G. H. Jones Co.), 1661 Grove St., San Francisco.

Filed Aug. 10, '14. Dated July 24, '14.
Foundation in and granite set up to 5 course of ashlar walls...\$3000
Granite roof set 3000
Completed and accepted..... 5000
Usual 35 days..... 30000
TOTAL COST, \$12,000

Bond, none. Limit, 5 months from date.
Forfeit, none. Plans and specifications filed.

PAINTING, ETC., FOR CHURCH
(1900) TWENTY-EIGHTH & WEBSTER, Oakland. Painting and decorating for synagogue.

Owner.....The First Hebrew Congregation of Oakland.
Architect...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor...Harry Graper, 50 Farren, San Francisco.

Filed Aug. 10, '14. Dated July 25, '14.
Each month 75%
Usual 35 days..... 25%
TOTAL COST, \$2750

Bond, \$1375. Surety, Massachusetts Bonding & Insurance Co. Limit, Sept. 13. Forfeit, none. Plans and specifications filed.

ADDITION TO BUILDING
(1992) E COR. SIXTH AVE AND E-SEVENTEENTH, Oakland. Addition.
Owner.....A. L. White, Premises.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$500

CORRUGATED IRON CHANGE ROOM
(1994) MARKET, bet. First & Water, Oakland. One-story corrugated iron change room.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$450

CORRUGATED IRON CHANGE ROOM
(1995) E MARKET 200 S First, Oakland. One-story corrugated iron change room.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$450

CORRUGATED IRON CHANGE ROOM
(1996) WATER 40 E Market, Oakland. One-story corrugated iron change room.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$450

CORRUGATED IRON OFFICE
(1997) W MARKET 300 S First, Oakland. One-story corrugated iron office.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$700

CORRUGATED IRON CHANGE ROOM
(1998) E GROVE 50 N First, Oakland. One-story corrugated iron change room.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Schneibly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$400

FRAME DWELLING
(1999) S E-THIRTY-EIGHTH 85 W Ardley, Oakland. One-story 5-room dwelling.
Owner.....Peppin & Goodenough.
Architect...None.
COST, \$2400

FRAME RESIDENCE
(2003) N COR. FIFTY-NINTH AND Heinhold Road, Oakland. Two-story 8-room dwelling.
Owner.....Chas. W. Crabb, 850 Peralta Ave., Oakland.
Architect...None.
Contractor...Jos. Williams, Box 33, San Leandro.
Day's work. COST, \$2500

FRAME RESIDENCE
(2002) S 107TH AVE 875 W E-14th, Oakland. One-story 6-room dwelling.
Owner.....Geo. M. Mott, Jr., Oakland.
Architect...Warren S. Perry, 2636 1/2 Dwight Way, Berkeley.
Day's work. COST, \$6000

FRAME RESIDENCE
(2004) N THIRTY-NINTH 243.7 W Market, Oakland. Two-story eight-room dwelling.
Owner.....A. Hansen, 1889 Harmon, Berkeley.
Architect...None.
Contractor...Jos. Williams, Box 33, San Leandro.
Day's work. COST, \$2500

FRAME RESIDENCE
(2005) SW EVERETT & GALVIAN, Oakland. One-story 6-room dwlg.
Owner.....E. W. Woodard, 2645 13th Ave., Oakland.
Architect...None.
Contractor...Jos. Williams, Box 33, San Leandro.
Day's work. COST, \$2500

FRAME RESIDENCE
(2006) W CLARENDON CRESCENT 75 S Ashmont, Oakland. Two-story 10-room dwelling.
Owner.....John J. Donovan, Security Bank Bldg., Oakland.
Architect...John J. Donovan, Security Bank Bldg., Oakland.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
COST, \$5500

FRAME RESIDENCE
(2009) W CROSBY 197 N Boulevard, Oakland. One-story 5-room dwlg.
Owner.....L. H. Murray, 2569 Fruitvale Ave., Oakland.
Architect...None.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
COST, \$2000

FIRE REPAIRS
(2010) NO. 176 ATHOL AVE., Oakland. Fire repairs.
Owner.....Perry Johnson, Premises.
Architect...None.
Contractor...Roy B. Litton, 2326 26th Ave., Oakland.
COST, \$900

FRAME RESIDENCE
(2011) S SIXTY-FIFTH 200 W Shattuck Ave., Oakland. One-story six-room dwelling.
Owner.....A. P. Anderson, 622 47th, Oakland.
Architect...Alvin J. Stern, 1542 Broadway, Oakland.
Day's work. COST, \$2500

FRAME STORE
(2012) W E-FOURTEENTH 50 E 2nd Ave., Oakland. One-story store.
Owner.....E. R. Lauson, 1503 5th Ave., Oakland.
Architect...None.

Contractor...G. E. Anderson, 2362 High Oakland.
COST, \$1500

FRAME RESIDENCE
(2013) S WESLEY AVE 83 E Wayne Ave., Oakland. One-story 5-room dwelling.
Owner.....C. B. Coit, 1512 Broadway, Oakland.
Architect...Alvin J. Stern, 1542 Broadway, Oakland.
Contractor...Roger Coit, 1542 Broadway, Oakland.
COST, \$2000

ALTER FLATS
(2008) NW THIRTY-EIGHTH AND Webster, Oakland. Alter six-room flat into three apartments.
Owner.....Hy Mason, Premises.
Architect...None.
Contractor...A. S. Waid, 931 61st, Okd.
Filed Aug. 12, '14. Dated Aug. 10, '14.
Work started and material on ground\$500
Plastered 50
Completed 25
30 days after 50
TOTAL COST, \$1175

Bond, \$900. Surety, Pacific Coast Casualty Co. Limit, 45 days. Forfeit, none. Plans and specifications, none.

FRAME RESIDENCE
(2015) W BARTLETT 50 S Brookdale Ave., Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

FRAME RESIDENCE
(2016) W BARTLETT 150 S Brookdale Ave., Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

FRAME RESIDENCE
(2017) W BARTLETT 90 S Brookdale Ave., Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

FRAME RESIDENCE
(2018) W BARTLETT 170 S Brookdale Ave., Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

FRAME RESIDENCE
(2019) W BARTLETT 210 S Brookdale Ave., Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corporation, 1st National Bank Bldg., Oakland.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

FRAME RESIDENCE
(12020) E BENVENUE AVE 200 S
Woolsey, Oakland. One-story three-
room dwelling.
Owner.....Chas. R. Stone, 2913 Reg-
ent, Berkeley.
Architect...None.
Contractor...Cederborg & Anderson,
1033 Poplar, Oakland.
COST, \$2500

FRAME RESIDENCE
(2021) W KINGSLEY 150 S E 27th,
Oakland. One-story 5-room dwlg.
Owner.....E. M. Welch, Mera and
38th Ave., Oakland.
Architect...None.
Day's work. COST, \$1900

FRAME RESIDENCE
(2022) NE CURREN & MONTANA,
Oakland. Two-story 6-room dwlg.
Owner.....F. Colman, 625 West, Okd.
Architect...None.
Contractor...C. M. Griffin, 746 5th Ave.,
Oakland.
COST, \$2000

FRAME DWELLING
(2023) NW E-SEVENTEENTH AND
and 22nd Ave., Oakland. One-story
5-room dwelling.
Owner.....S. Garavent, 1721 22nd
Ave., Oakland.
Architect...L. F. Hyde, Dalziel Bldg.,
Oakland.
Day's work. COST, \$1800

ADDITION
(2024) SE E-TENTH & FIFTY-THIRD
Ave., Oakland. One-story addition.
Owner.....Mrs. A. Giusti, 5525 E-10th
Oakland.
Architect...None.
Contractor...W. Morgan, 2915 Octavia,
Oakland.
COST, \$600

ALTERATIONS
(2025) NO. 1510 HARRISON, Oakland.
Alterations and reshingling.
Owner.....A. K. Percival, 1st Nat-
ional Bank Bldg., Okd.
Architect...None.
Contractor...A. Thomson, 2766 Grove,
Oakland.
COST, \$500

ALTER FRAME APARTMENTS
(2029) NOS. 128, 130, 132, 134 E-14TH,
Oakland. All work for three-story
frame apartment addition and alter-
ation.
Owner.....C. Ugland, Oakland.
Architect...Hutchinson Bros., 470 13th
Oakland.
Contractor...Erik Klepp, 1436 Peralta,
Oakland.

Filed Aug. 13, '14. Dated Aug. 4, '14.
Frame up and tar and gravel
roof on 1/4
Stores completed and exterior
plaster completed 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3550
Bond, \$2675. Surety, Nicholas Nilson.
Limit, 75 days, stores to be completed
by Sept. 5. Forfeit, \$5. Plans and
specifications filed.

GRANITE VAULT
(2030) HOLY SEPULCHRE CEME-
tery Section H on Hiles Road. All
work for granite vault.
Owner.....H. J. and Jeanne Marie
Calou.
Architect...Sidney E. Newsom, Ne-
vada National Bank, S. F.

Contractor...H. U. Reahm, S. F.
Filed Aug. 13, '14. Dated Aug. 1, '14.
Foundations in and granite for
wall delivered on job \$ 700
Ready for roof 1223
Completed and accepted 1223
Usual 35 days 1224
TOTAL COST, \$4370
Bond, \$2185. Surety, Pacific Coast
Casualty Co. Limit, 120 days. Forfeit,
\$5. Plans and specifications filed.

REPAIR BUILDING
(2032) NOS. 621-625 GROVE, Oakland.
Fire repairs.
Owner.....H. Davis, 625 Grove, Okd.
Architect...None.
Contractor...R. Langtry, 177 8th, Okd.
COST, \$600

ALTER BUILDING
(2033) NO. 1216 BROADWAY, Oak-
land. Alterations.
Owner.....R. W. Yeazell, Premises.
Architect...Frederick Soderborg,
Union Savings Bank Bldg.,
Oakland.
Contractor...Corbett & Bayliss, 1110
Franklin, Oakland.
COST, \$600

FRAME RESIDENCE
(2034) S SIXTY-SECOND 300 W
Hillegass, Oakland. One-story five-
room dwelling.
Owner.....Jno. E. Martin.
Architect...None.
Contractor...G. Jansson, 554 63rd, Okd.
COST, \$2000

ADDITION TO BUILDING
(2035) NO. 3564 GRAY, Oakland. Ad-
dition.
Owner.....Wm. Miller.
Architect...None.
Contractor...A. S. Ferguson.
COST, \$400

FRAME RESIDENCE
(2036) NW LAUREL & MONTANA,
Oakland. One-story 3-room dwlg.
Owner.....Jno. P. Noll, 1644 Rosedale
Ave., Oakland.
Architect...None.
Day's work. COST, \$400

FRAME RESIDENCE
(3040) NW YGNACIO AND COLE,
Oakland. Two-story 8-room dwlg.
Owner.....Dr. E. S. De Puy, 1314 E-
12th, Oakland.
Architect...None.
Contractor...A. S. Ferguson.
COST, \$3500

FRAME RESIDENCE
(2042) N PRINCETON AVE 240 W
Fairfax, Oakland. One-story five-
room dwelling.
Owner.....Wm. Le Baron, 1039 45th
Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

FRAME RESIDENCE
(2043) S WENTWORTH AVE 200 N
Fairfax, Oakland. One-story seven-
room dwelling.
Owner.....Geo. W. Adamson, Prem.
Architect...None.
Contractor...Jas. Rountree, Premises.
COST, \$2000

ALTERATIONS
(2044) NO. 3341 HOPKINS, Oakland.
Alterations.
Owner.....G. Kamuler, Premises.
Architect...None.

Contractor...J. A. Lind, 3476 Maple
Ave., Oakland.
COST, \$100

FRAME RESIDENCE
(2015) S FORTY-FOURTH 747 E
Grove, Oakland. One-story 5-room
dwelling.
Owner.....H. C. Pfang, 3539 Shafter
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

FRAME RESIDENCE
(2016) COR. FIFTY-FIFTH AND
Magnolia Ave., Oakland. One-story
5-room dwelling.
Owner.....Bernhard Buchanan, 2847
55th Ave., Oakland.
Architect...None.
Contractor...Jas. McKee, 5430 Roberts
Ave., Oakland.
COST, \$1200

FRAME RESIDENCE
(2047) N ROSE 100 W Colby, Oakland.
One-story 5-room dwelling.
Owner.....C. J. Pfang, Hudson and
Claremont, Oakland.
Architect...None.
Day's work. COST, \$2000

BRICK OIL STATION
(2048) NE FOURTEENTH & HAR-
rison, Oakland. One-story brick oil
station.
Owner.....Economy Oil Co., Oakland.
Architect...None.
Contractor...W. G. Thornalley, 3027 E-
16th, Oakland.
COST, \$1000

ALTER BUILDING
(2049) NO. 6526 DINA, Oakland.
Alterations and repairs.
Owner.....W. W. Lewis.
Architect...None.
Contractor...C. Texdahl, 2035 Harper,
Berkeley.
COST, \$850

RESHINGLING AND PAINTING
(2050) SE TENTH AND WEST, Oak-
land. Reshingling and painting.
Owner.....Japanese Mission, Prem.
Architect...None.
Contractor...Jno. Anderson, 1424
Broadway, Oakland.
COST, \$400

FRAME RESIDENCE
(2051) S WESLEY 100 E Wayne, Oak-
land. One-story five-room dwlg.
Owner.....C. B. Coit, 1542 Broadway,
Oakland.
Architect...A. J. Stern, 1542 Broad-
way, Oakland.
Contractor...Roger Coit, 1542 Broad-
way, Oakland.
COST, \$2000

GALVANIZED IRON BUILDING
(2052) W ALICE 80 N Seventh, Oak-
land. One-story galvanized iron
building.
Owner.....G. Vendenpeerboome, 2043
Oakland Ave., Oakland.
Architect...None.
Contractor...John Anderson, 1424
Broadway, Oakland.
COST, \$1000

FRAME DWELLING
(2053) S HARDY 250 W Miles Ave.,
Oakland. One-story 6-room dwlg.
Owner.....A. P. Anderson, 485 Hardy
Oakland.
Architect...None.

Contractor...L. G. Geary, 5352 Locksley Ave., Oakland.

COST, \$2200

FRAME RESIDENCE

(2056) S HAAS AVE 63.09 SW W boundary line 2.59 acre tract conveyed by J. W. Haas to Francisco Cathoun by deed dated Aug. 14, 1885, and recorded in Book 295 of Deeds, Page 95; NE 144 SE 312.51 NW 145.03 SW 26 NW 216.94, San Leandro. All work for two-story 6-room dwelling.

Owner.....F. A. Merguire, 675 21st, Oakland.

Architect...Geo. W. Nunes, 3616 West, Oakland.

Filed Aug. 15, '14. Dated Aug. 15, '14.

Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$4000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(2057) LOT 7 BLK 10 Lakeside Sbdvn of Adams' Plant Property, Oakland. All work for two-story and basement frame dwelling.

Owner.....F. W. and D. C. Morse, 1565 Madison, Oakland.

Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor...Enoch Trammal.

Filed Aug. 15, '14. Dated Aug. 12, '14.

Frame up, boarded in, chimneys up and rough plumbing in..... ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$8410

Bond, \$4205. Surety, Pacific Coast Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

REPAIR BUILDING

(2058) NO. 176 ATHOL AVE., Oakland. Reshingle roof and sides and fire repairs generally.

Owner.....Perry L. Johnson, Prem.

Architect...None.

Contractor...Roy B. Litton, 2336 26th Ave., Oakland.

Filed Aug. 15, '14. Dated Aug. 10, '14.

In four payments.....

TOTAL COST, \$660

Bond, none. Limit 30 days. Forfeit, plans and specifications, none.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
1991	1st Baptist Ch.	McKibben	3090
1993	Spohn	Van Sant	3800
2000	Diamond	Allen	375
2001	Akers	Scott	2325
2007	Hayes	Hayes	5000
2013	McHenry	Van Sant	8580
2026	Shuey	Kollmer	500
2027	Abbott	Abbott	1000
2028	1st Baptist Ch.	Bixby	4000
2029	Ugland	Kiepp	5350
2037	Needham	Morinatio	1000
2038	Kinney	Kinney	1800
2039	Same	Same	1700
2041	Akers	Scott	2325
2054	Penniman	Nason	3500
2055	Owens	Ilmanen	1855

EXCAVATE FOR CLASS "C" CHURCH (1991) SW DANA AND HASTE, Berkeley. Excavating and concrete work for two-story Class "C" church.

Owner.....The First Baptist Church of Berkeley.

Architect...Eugene K. Martin, 2192 Shattuck Ave., Berkeley.

Contractor...McKibben & Taylor, 2125 Taylor, Berkeley.

Filed Aug. 10, '14. Dated Aug. 8, '14.

Foundations completed.....\$2150
Floors completed 565
Sidewalks completed 375
Cost of excavating plus 4% to be paid in full monthly.....

TOTAL COST, \$3090 and 4% for excavating

Bond, limit, forfeit, plans and specifications, none.

ALTER FRAME RESIDENCES

(1993) S OAKVALE 150 E Claremont, Berkeley. Alter two-story frame dwelling.

Owner.....Mr. Spohn, Premises.

Architect...Albert Farr, 68 Post, San Francisco.

Contractor...Van Sant-Houghton Co., 1st National Bank Bldg., Oakland.

COST, \$3800

ADDITION TO RESIDENCE

(2000) S PARDEE 200 W Seventh, Berkeley. Addition.

Owner.....J. I. Diamond, 844 Pardee, Berkeley.

Architect...None.

Contractor...L. W. Allen, 5521 Marshall, Oakland.

COST, \$375

FRAME RESIDENCE

(2001) SE ALLSTON WAY & ROOSEVELT, Berkeley. One and one-half-story six-room dwelling.

Owner.....Chas. Akers, 2334 Durant Ave., Berkeley.

Architect...None.

Contractor...John T. Scott, 2800 Felton, Berkeley.

COST, \$2325

FRAME RESIDENCE

(2007) SE CLAREMONT BOULEVARD and Avalon Ave., Berkeley. Two-story 8-room dwelling.

Owner.....W. H. Haynes, 2711 Ashby Ave., Berkeley.

Architect...None.

Day's work.....

COST, \$5000

FRAME RESIDENCE

(2014) LOTS 1 AND 2 AND S ½ LOT 3 Blk 22, Daly Scenic Park Tract, Berkeley. All work for two-story and basement frame dwelling.

Owner.....Mrs. E. J. McHenry, Bkly.

Architect...G. Moller.

Contractor...Van Sant-Houghton Co., Hooker-Lent Bldg., S. F.

Filed Aug. 12, '14. Dated Aug. 10, '14.

Frame up and roof completed.... ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3580

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

GARAGE

(2026) NO. 176 ALVARADO ROAD, Berkeley. Garage.

Owner.....C. S. Shuey, Premises.

Architect...None.

Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$500

ALTERATIONS AND ADDITIONS

(2027) S ASHBY 100 E Shattuck, Berkeley. Alterations and additions.

Owner.....Abbott & Chinnock, 926 Rose Ave., Piedmont.

Architect...None.

Day's work.....

COST, \$1000

CLASS "C" CHURCH

(2028) SW DANA AND HASTE, Berkeley. Three-story 40-room church.

Owner.....1st Baptist Church.

Architect...Eugene K. Martin, 2192 Shattuck Ave., Berkeley.

Contractor...R. R. Bixby, 2447½ Webster, Berkeley.

COST, \$10,000

NOTE:—Excavating and concrete work filed August 10, 1914.

FRAME FLATS

(2031) NO. 2139 BERKELEY WAY, Berkeley. All work except plumbing, tinning and galvanized iron work for two-story frame flats.

Owner.....Josephine Ehret, Bkly.

Architect...James A. Plachek, Acheson Bldg., Berkeley.

Contractor...C. H. Warren, Berkeley.

Filed Aug. 13, '14. Dated July 23, '14.

Frame up\$585
Ready for plaster.....\$82
Brown coated\$82

Completed and accepted.....\$82

Usual 35 days.....\$82

TOTAL COST, \$4413

Bond, \$2207. Surety, U. S. Fidelity & Guaranty Co. Limit, 80 days from date of agreement. Forfeit, none. Plans and specifications filed.

ALTER BUILDING

(2037) E TELEGRAPH AVE 200 S Dwight Way, Berkeley. Alterations

Owner.....G. Needham.

Architect...None.

Contractor...T. Marinato, 2511-15 Telegraph Ave., Oakland.

COST, \$1000

FRAME RESIDENCE

(2038) N CARLTON 360 E Mabel, Berkeley. One-story 6-room dwelling.

Owner.....C. H. Kinney, 5788 Vincente, Oakland.

Architect...None.

Day's work.....

COST, \$1800

FRAME RESIDENCE

(2039) N CARLTON 280 E Mabel, Berkeley. One-story 5-room dwelling

Owner.....C. H. Kinney, 5788 Vincente, Oakland.

Architect...None.

Day's work.....

COST, \$1700

FRAME RESIDENCE

(2041) SE COIT, ALLSTON WAY AND Roosevelt Ave E 55x8 55, Berkeley. All work for one and one-half-story frame dwelling.

Owner.....Chas. D. and Margaret J. Akers, 2334 Durant Ave., Berkeley.

Architect...None.

Contractor...John T. Scott, Berkeley.

Filed Aug. 14, '14. Dated Aug. 6, '14.

Frame and chimney up.....\$600
Plastered 600
Completed 600

Usual 35 days..... 525

TOTAL COST, \$2325

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(2054) S OXFORD 478.57 E Indian Rock Ave., Berkeley. Two-story 7-room dwelling.

Owner.....Russell S. Penniman, 1301 Shattuck Ave., Berkeley.

Architect...H. H. Gutterston, 2922 Garber, Oakland.

Contractor...Mason McDuffie Co., Shattuck Ave and Addison, Oakland.

COST, \$3500

FRAME RESIDENCE

(2955) E ACTON 156.92 S Alston Way N 40.46 E 127 S 40.26 th to pt beg, Lot 3 Blk 4, State University Homestead Association, Berkeley. All work for one and one-half-story frame dwg. Owner.....Ivor David Owens, 873 18th Oakland.

Architect.....None.

Contractor.....A. Ilmanen, 2321 10th, Berkeley.

Filed Aug. 15, '14. Dated Aug. 12, '14.
Frame up and roof sheathed..... 1/4
Plastered..... 1/4
Completed..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$1855

Bond, \$—, Sureties, Otto Mailanen and H. Mailanen. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Alameda.

Aug. 1, 1914—LOT 44 North Christiansa Tract, Albany. Emma Westwood to Charles Westwood.....
.....July 31, 1914
Aug. 1, 1914—W PEARL, bet Encinal and Santa Clara; No. 1339 Pearl St, Ala. Edith T Brooks to whom it may concern.....July 24, 1914
Aug. 1, 1914—LOT 10 BLK "C" Map Waterside Terrace, Ala. Effie E Stolze to whom it may concern.....
.....July 31, 1914
Aug. 3, 1914—S 20 FEET LOT 10 and N 20 feet Lot 9 Blk "H" Map Broadway Terrace, Okd. Wm H Jones to whom it may concern.....
.....July 31, 1914
Aug. 3, 1914—LOT 7 BLK 8 Putnam Tract, Okd. Robert and Elizabeth MacNeur to Patrick Nelson Bldg Co.....Aug. 1, 1914
Aug. 3, 1914—LOT 8 Map A J Snyder's Sbdn of Telegraph Ave Ppty, Oakland and Berkeley. Mrs R Siler to P H Franks.....July 28, 1914
Aug. 4, 1914—N CHANNING WAY 235 E Ellsworth E 50xN 130, Bkly. D E Bigelow to whom it may concern.....Aug. 3, 1914
Aug. 4, 1914—S LINCOLN AVE 300 E Walnut E 50xS 217-S, Alameda. A Mathebat to C C Adams.....Aug. 3, 1914
Aug. 4, 1914—S SANTA CLARA AVE 182 E Union E 50xS 207-6, Ala. Mrs Sophie Lutgen to Powell Bros Constr Co.....July 24, 1914
Aug. 4, 1914—E CAROLINE 50 S Fair Oaks Ave S 50xE 100, Ala. Edna Merriam to Conrad Roth.....
.....July 31, 1914
Aug. 4, 1914—E FOOTHILL BLVD 200.61 N 35th Ave N 50.15 E 137.85 S 50 W 103.93, Okd. The Pacific Telephone & Telegraph Co to W G Thornalley.....July 27, 1914
Aug. 5, 1914—SW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Hubert David Samuel and Thos H Priece.....
.....July 31, 1914
Aug. 5, 1914—LOT 5 BLK "E" Map 4th Ave Terrace, Okd. Robert L Hatcher to A T Andersen.....
.....August 3, 1914
Aug. 5, 1914—N DURANT AVE 453.66 E Telegraph Ave E 50xN 130, Bkly. Sarah S B Reed to E A Janssen.....
.....August 4, 1914
Aug. 5, 1914—LOT 89 Map Crocker Highlands, Okd. F A Allard to M E Hopper.....Completed —
Aug. 5, 1914—LOT 22 Map Craig Ppty Piedmont. Rosa Maud Reed to

Claude B Barton.....Aug. 4, 1914
Aug. 6, 1914—LOT 21 BLK 2 Map Steinhay Terrace, Okd. Wm H Sims to whom it may concern.....
.....August 5, 1914
Aug. 6, 1914—W PIEDMONT AVE 100.28 SE Durant Ave W 137.70 S 50 E 145.07 NW 50.54, Bkly. Geo Tasheira to Wm L Boldt.....
.....July 29, 1914
Aug. 6, 1914—LOT 30 BLK 2, Berkeley Heights, Bkly. P A Haviland to Cederborg & Anderson.....
.....August 1, 1914
Aug. 6, 1914—SE JEAN AND ALTA Vista, Oakland Heights, Tract Okd. Marvin M Brown to B A Stewart.....
.....August 1, 1914
Aug. 7, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to California Plate & Window Glass Co.....Aug. 4, 1914
Aug. 7, 1914—LOT 23 BLK 2097 Map Alden Tract at Temescal, Okl. Angelo Tesio to J W Baughman.....
Aug. 6, 1914—LOT 16 BLK "D" Map Scenic Blvd Knoll, Okd. A W Rudolph to Fletter & Winlund.....
.....August 4, 1914
Aug. 7, 1914—LOTS 14 AND 15 BLK 7 Map No. 4, Regents Park, Oakland Pty. Francis E Williams to Wm F Cook.....Aug. 7, 1914
Aug. 8, 1914—NE ELEVENTH AND Franklin E 100xN 37-6, Okd. Barbara Streit (by Wm Wilde) to C M Ecklund.....Aug. 1, 1914
Aug. 8, 1914—LOT 22 BLK 9 Map 4th Ave Heights, Okd. A L Calvert to whom it may concern.....Aug. 6, 1914
Aug. 10, 1914—N FIFTH, bet Adeline and Magnolia, being Nos. 1168-1170 Fifth, Okd. J Gillo to F J Thelle.....
.....Aug. 6, 1914
Aug. 10, 1914—NE ASHBY AVE AND California, Berkeley. E Pordon to Edw Larmer.....Aug. 10, 1914
Aug. 10, 1914—W PARU 90 N Dayton Ave N 60xW 150, Ala. L R Weinmann to Delanoy & Randlett.....
.....August 1, 1914
Aug. 10, 1914—W FORTY-EIGHTH Ave 180 N Melrose, Okd. John G Bennis to Z M Steves.....Aug. 5, 1914
Aug. 11, 1914—LOT 71 Map Resbdn Feralta Park, Bkly. Otto Mailanen Paul Gustafson and August Laine to whom it may concern.....Aug. 1, 1914
Aug. 11, 1914—NW SANTA RAY AVE 350 NE Viona Ave NE 50xNW 110, Okd. J E Parish to M E Hopper & Sons.....Aug. 10, 1914
Aug. 11, 1914—AUSEON AVE, bet. Olive and Blanch, Moss Auseon Tct, Okd. Leigh Beauchamp to Harry C Knight.....Aug. 8, 1914
Aug. 11, 1914—LOT 10 BLK 3, Claremont, being No. 88 Plaza Drive, Bkly. Caroline Wolbold to Jacob Kollmer.....Aug. 6, 1914
Aug. 11, 1914—LOT 3 BLK 13 Map Northbrae, Bkly. H W L Knoop to H H Schuessler.....Aug. 10, 1914
Aug. 12, 1914—SW SIXTEENTH & Clay S 60xW 100, Okd. M Friedman Realty Co to A Knowles.....
.....August 7, 1914
Aug. 12, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to E M Coffin.....Aug. 8, 1914
Aug. 12, 1914—LOTS 1 AND 2 BLK "E" Regents Park No. 3, Bkly. W N Taylor (by J G Taylor) to whom it may concern.....Aug. 10, 1914
Aug. 12, 1914—LOT 5 BLK 6 Brookdale Terrace, being No. 4511 Walnut Ave, Okd. W C Brown to whom it may concern.....Aug. 12, 1914
Aug. 14, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to R Ditzel Jr.....Aug. 12, 1914
Aug. 13, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to H L Lassar.....Aug. 12, 1914
Aug. 13, 1914—W COLLEGE AVE 135 S Channing Way S 45xW 120, Bkly. A F Bullock to whom it may concern.....Aug. 13, 1914
Aug. 13, 1914—W COLLEGE AVE 90 S Channing Way S 45xW 120, Bkly. A F Bullock to whom it may concern.....Aug. 13, 1914

LIENS FILED.

ALAMEDA COUNTY.

July 22, 1914—E CARLTON 268.40 S Prospect E 100xS 50, Oakland. J S Haskell vs E Frances Joyce Fisher.....\$21.50
Aug. 1, 1914—N EIGHTY-THIRD Ave 80 SW Birch SW 40xNW 130, Okd. Robt Elliot vs R G and H B Courreges.....\$11.58
Aug. 1, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert F Norling vs W S Bliss and George M White.....\$39
Aug. 3, 1914—W CAMPBELL 54 S 9th S 54xW 102.6, Okd. Downey Cavasso Glass & Paint Co vs Cooper's Atherton M E Zion Church and A Ivaness.....\$45.24
Aug. 4, 1914—SW MONTE VISTA Ave 61.36 NW Pala Ave NW 50xSW 125, Piedmont. Peter Fugel \$170; W P Fuller, \$124 vs W S Bliss.....
Aug. 4, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert Howden vs W S Bliss and George M White.....\$42.20
Aug. 4, 1914—W CAMPBELL 54 S 9th S 54xW 102.6, Okd. John M Dale (Dale & Anderson) vs Coopers African M E Zion Church, J N Torres and J B Rice (Torres & Rice).....\$132.50
Aug. 6, 1914—LOT 75 Amended Map Alta Piedmont Tract. Geo W Taylor vs W S Bliss and Geo M White.....\$622.81
Aug. 6, 1914—LOTS 339 AND 340 Map Stone Orchard, Stonehurst, Okd. Hogan Lumber Co vs William Fried.....\$111.60
Aug. 5, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Hogan Lumber Co, \$1854.12; Germanstone Mfg Co, \$146; S J M Coates, \$79.25; Inald Floor Co, \$240 vs Geo W White and Wm S Bliss.. Owner.....Wm. H. Crocker, S. F.
Aug. 10, 1914—LOT 30, except NV 90 Blk 16, Boulevard Park, Okd. G H Andrews vs O M Bullock.....\$37.30
Aug. 10, 1914—LOT 5 BLK 29 Map Melrose Heights, Okd. Wm Le Baron vs E A C Postel.....\$200
Aug. 12, 1914—NW GRAND AND Elwood Aves W 109.03 NE 34.33 SW 105.85 S 43.06, Okd. Union Floor Co vs Louis Bernstein and Fred Peters.....\$171.55
Aug. 12, 1914—N FOURTEENTH 149 W Center W 80.05 N 25 NE 78.15 E 60.57, Okd. Hogan Lumber Co vs Wallace Clark.....\$190.11
Aug. 13, 1914—N FOURTEENTH 90 W Center W 179 NE 104.2 E 116.57 S 100, Okd. W P Fuller & Co vs Wallace Clark.....\$197.61
Aug. 13, 1914—N DURANT AV 453.66 E Telegraph Ave E 50xN 130, Bkly. J J Sullivan vs Sarah S B Reed, E A Janssen and J W Gaba.....\$78.25

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SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story and base, frame, \$25,000. Burlingame, San Mateo Co., Cal. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, Dr. W. C. Chidester, San Mateo. The dwelling will be erected on a large tract recently purchased by Dr. Chidester, and will contain in the neighborhood of fourteen rooms, several baths and sleeping porches. A garage will also be erected on the property. Interior of the house will be finished in pine, hardwoods and white enamel. Hardwood and inlaid floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Vacuum cleaning and automatic heaters will be installed. Bath rooms will be finished in tile and equipped with showers. Exterior of the garage and dwelling will be covered with cement plaster on metal lath. Preliminary drawings have been made.

RESIDENCES—1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Thomas Heller, 152 North 3rd street, five-room cottage, \$1,300, and Mary E. Akers, 224 South 23rd street, four-room cottage, \$1,300. Materials are now being purchased.

LIBRARY—1 story and base, reinforced concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Santa Cruz. The building will be erected in Garfield Park and has been designed in the classic style. Interior will provide reading rooms, office of the librarian and stack rooms. Interior finish will be of pine and hardwood. Metal book stacks will be used. A central heating system, probably warm air, will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

BRIDGES—Steel and reinforced concrete. Cost not stated. Hollister, San Benito Co., Cal. Engineer, County Surveyor, Hollister. Owners, San Benito County. County Surveyor McCray of Hollister presented complete plans and specifications for two bridges to the Board of Supervisors. Plans were ordered accepted. One bridge will be erected in Road District No. 5 and will be known as the Collins bridge. The other will be over the San Benito Creek on the State Highway. Bids will be called for at once.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

FRAME RESIDENCE

FIFTH STREET, bet Washington and Julian, San Jose. Six-room cottage. Owner.....W. R. Biaggi, Bank of San Jose Bldg., San Jose. Architect...Ye Plan Shop, Theatre Bldg., San Jose. Contractor...A. A. Church, 578 W-San Carlos St., San Jose. COST, \$2,421

REPAIR BUILDING

NO. 180 N-FOURTH ST., San Jose. Repairs. Owner.....Mrs. R. B. Harper, 178 N-4th St., San Jose. Architect...None. Day's work. COST, \$300

SLEEPING PORCH AND REPAIRS

NO. 612 S-TENTH ST., San Jose. Sleeping porch and repairs. Owner.....L. Indra, Premises. Architect...None. Day's work. COST, \$300

REPAIR BUILDING

NO. 680 COLUMBUS AVE., San Jose. Repairs. Owner.....C. Barliala, Palma and Northrup, San Jose. Architect...None. Contractor...E. Waddell. COST, \$420

BUILDING CONTRACTS.

SAN MATEO COUNTY.

GARAGE

LOT BOUNDED BY COLUMBUS AVE., Adeline Drive, Alvarado Ave and Creek. Brick work for garage. Owner.....C. Frederick Kohl. Architect...Howard & White, S. F. Contractor..John MacBain, Menlo Park Sub-Contractor...Eri H. Richardson. Filed Aug. 11, '14. Dated Aug. 7, '14. As work progresses..... 75% Usual 35 days..... 25% Payments to be made between 1st and 6th of each month..... TOTAL COST, \$3940 Bond, \$1970. Sureties, John D. Arnott and William H. Lake. Limit, 35 working days. Forfeit, \$25. Plans and specifications, none.

FRAME RESIDENCE

PTN LOT 232 OF SUB-DIVISION NO. 3 of San Mateo. All work for one-story and basement frame building. Owner.....C. B. Bradford, San Mateo. Architect...S. S. McClure. Contractor..W. S. Leadley, San Mateo.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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615 Phelan Building, San Francisco

Filed Aug. 12, '14. Dated Aug. 10, '14. Enclosed and roof on.....\$740.00 Completed and accepted..... 741.25 Usual 35 days..... 493.75 TOTAL COST, \$1975.00

Bond, \$987.50. Sureties, W. H. Pfafflin and F. P. Callesen. Limit, 50 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

LOT 2 BLK 24, Easton Addition No. 2, Easton. All work for bungalow. Owner.....Mrs. Mabel P. Converse, Easton.

Designer...Myrl R. Crane. Contractor..Myrl R. Crane.

Filed Aug. 8, '14. Dated Aug. 6, '14. Ceiling joists in place.....\$490.50 Brown mortar plaster on.... 490.50 All wood work completed and building accepted..... 490.50 Usual 35 days..... 490.50 TOTAL COST, \$1962.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Aug. 7, 1914—SOUTHERLY HALF Lots 7 and 8 Blk 13 of Crocker Estate Tract, Sbdvn No. 1. H H Smith, \$46.65; D R Morrow, \$81 vs P R Dickie and J S Rockwell.....
Aug. 10, 1914—LOT 11 BLK 5 Dumbarton, Redwood. Charles Cox vs Gustaf Nelson\$23

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Aug. 11, 1914—PTN LOT 1 BLK 8 Map No. 2 of the Property of Burlingame Land Co, Burlingame. Wm P Duffy to Myrl A Crane...Aug. 10, '14

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE—Concrete and timber. Cost not stated. Bear Creek, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Plans and specifications for the new Bear Creek bridge are complete and out for figures. Bids will be opened on September 8th. The bridge will be 45 feet long and 16 feet wide. Plans and specifications can be secured from the County Clerk at Martinez.

WHARF—Timber construction. Cost not stated. Suisun, Solano Co., Cal. Engineer, none. Owner, E. D. Le Clare. Suisun. E. D. Le Clare will build

public wharf as soon as the City Trustees can adjust certain rights. If the permit is granted as asked for the wharf will be 160 feet long, otherwise a 100-foot structure will be built. Construction will be of timber.

STREET WORK—Paving, curbs and sidewalks, \$100,000. Sausalito, Marin Co., Cal. Engineer, City Engineer, City Engineer, Sausalito, Owners, City of Sausalito. The Town Engineer states that plans and specifications for \$100,000 worth of street paving and improvement will be completed within two weeks. The Town Trustees have completed arrangements for the disposal of bonds amounting to \$100,000 and the work will be advertised at once.

SEWER WORK—Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo, Owners, City of Vallejo. Bids will be opened on August 20th by the City Trustees for constructing approximately 1,650 feet of 6-inch vitrified, salt-glazed, iron-stone pipe sewers, two brick man-holes and a number of Y branches. Plans and specifications can be secured from the City Clerk.

ELECTRIC RAILROAD CONSTRUCTION—Cost not stated. Benicia to Vallejo, Solano Co., Cal. Engineer, Matthews, Benicia. Owners, Benicia Land and Terminal Co., Mills Bldg., S. F. Chief Engineer Matthews of the Benicia Land and Terminal Co. has started surveying for the new electric line to be run from Benicia to Vallejo. Franchises over the streets in Benicia and Vallejo will be asked for at once. A. D. Bowen, Mills Bldg., S. F., is president of the company.

SCHOOL—2 story and base, brick, \$50,000. Pittsburg, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Pittsburg School District. Bids opened for this work show J. O. Kuykendall low on the general construction at \$19,955.50 and the Seibert Co. low on the plumbing at \$4,500. These figures are but a little above the amount available and contracts will probably be awarded. A complete list of the figures presented will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOSPITAL—1 and 2 story, reinforced concrete, \$25,000. Mare Island Navy Yard, California. Architect, Dept. of Public Works, Mare Island. Owners, United States Government. The building will contain a number of private rooms and several wards. Interior finish will be of pine and hardwood. Some tile will be used. There will be steam heat and modern hospital plumbing. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SCHOOL—1 story and base, frame and plaster, \$12,000. Kentfield, Marin Co., Cal. Architect, Irwin Schaefer Plaza Bldg., Oakland. Owners, Kentfield School District. The building has been designed in the Mission style and will contain four class rooms and an assembly hall. Interior finish will be of pine with some maple floors in the class rooms. A central heating system, probably steam heat, will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on August 22nd.

Contracts Awarded.

STREET PAVING—\$88,154.75. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, George W. Cutting, Richmond. Contract price, \$88,154.75.

BUILDING CONTRACTS.

MARIN COUNTY.

FRAME SCHOOL BUILDING, ETC.
SITUATE IN LARKSPUR. All work for two-story frame school building also alterations on present building. Owner.....Larkspur School District. Architect.....Norman K. Coulter, 46 Kearny, San Francisco. Contractor.....Schultz & Wilson (corp.). Filed Aug. 14, '14. Dated Aug. 10, '14. 1st and 15th of each month..... 75%
Usual 35 days..... 75%
TOTAL COST, \$3025

Bond, \$1015. Sureties, R. C. Doherty and L. A. Rea. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
MOUND TRACT, San Rafael. All work for frame bungalow. Owner.....William Wiltermood, San Rafael.

Architect.....None.
Contractor.....J. E. Warner, San Rafael. Filed Aug. 14, '14. Dated Aug. 11, '14. Frame up..... ¼
When completed..... ¼
Usual 35 days..... ¼
TOTAL COST, \$2160

Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

FRAME RESIDENCE
LOTS 17 AND 19 BLK 14 Turpin addition to City of Richmond. All work for one-story and basement frame residence. Owner.....William C. Roberts, Richmond.

Architect.....None.
Contractor.....Mathew Morton, Berkeley. Filed Aug. 16, '14. Dated Aug. 1, '14. Foundation, in frame up and roof sheathed..... \$415
Rough plumbing in and 1st coat plaster on..... 415
Completed and accepted..... 415
Usual 35 days..... 415
TOTAL COST, \$1660

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BRICK STORE AND FLAT
LOT 20 BLK 54, City of Richmond Tct. Excavations, concrete, brick and carpenter work, plumbing, plastering, painting, tinning and galvanized iron work, glazing, electric, steel work and roofing for two-story brick store and flat building. Owner.....M. J. O'Looney, S. F.

Architect.....J. W. Forsyth, Berkeley. Contractor.....Mathew Morton, Berkeley. Filed Aug. 16, '14. Dated Aug. 4, '14. 1st story walls scaffold high..... \$350
2nd floor joists set..... 400
Brick work completed and gravel roof laid..... 600
Plumbing roughed in and tested and lathing finished..... 700
2nd coat plaster on..... 700
Completed and accepted..... 1022
Usual 35 days..... 1275

TOTAL COST, \$5997
Bond, \$2550. Surety, Massachusetts Bonding & Insurance Co. Limit, 65 working days. Forfeit, none. Plans and specifications filed.

FRAME STORE AND FLAT
LOT 38 BLK 79, City of Richmond. All work except plumbing, sheet metal work, door opener and closer, electric fixtures, window shades for two-story frame office, shop and flat. Owner.....J. L. Collins, Richmond. Architect.....J. B. Oghorn (noncertified), Richmond.

Contractor.....M. B. Roberts, Richmond. Filed Aug. 12, '14. Dated Aug. 6, '14. Rough frame up and ready for roof..... \$130.25
Enclosed and roof on..... 130.25
Plastering completed and ready for finish..... 430.25
When completed..... 430.25
Usual 35 days..... 574.00
TOTAL COST, \$2295.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Aug. 11, 1914—LOT 11 BLK 99 Amd. Map of City of Richmond. Richmond Abstract & Title Co to Carl Overaa.....Aug. 11, 1914

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Aug. 10, 1914—FAIRFAX. Rocca Land Co to Elling Ellingston..... June 23, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RAILROAD CONSTRUCTION—Cost not stated. Modesto, Stanislaus Co., Cal. Engineers, Mahoney Bros., Merchants National Bank Bldg., S. F. Owners, Mahoney Bros. It is reported that Mahoney Bros. will shortly start construction on a railroad through their property in Stanislaus County. They are negotiating or the old Tide-water Line, rails or which are laid for a distance of six miles. The proposed road would bring that portion of Stanislaus County lying between the Southern Pacific and the San Joaquin River in touch with Modesto.

ELECTRIC LINE EXTENSION—Cost not stated. Rose Station to Elderwood, Tulare Co., Cal. Engineer, Engineering Department Visalia Electric Railroad Co., Visalia. Owners, Visalia Electric Railroad Co. A two-mile extension to the Visalia Electric Railroad is to be built at once. The new extension will be run from Rose Station to Elderwood. and steel, \$86,000. Lindsay, Tulare Co., Cal. Architect, F. W. Griffin, Visalia. Owners, Lindsay School District. The building will contain ten class rooms, assembly hall, principal's office, teachers' room and department of domestic science and manual training. Plans provide for steam heat, oil burning system, modern school plumbing and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

ing taken. Plans and specifications can be secured from the architect.

STREET PAVING—Cost not stated. Porterville, Tulare Co., Cal. Engineer, City Engineer, Porterville. Owners, City of Porterville. Resolutions of intention have been passed by the Trustees for a large amount of pavement in both the business and residence sections of the city. The work will be done with asphalt and concrete base.

Contracts Awarded.

LODGE HALL—2 story and base, brick and steel, \$24,977. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield Pythian Hall Association. Contractor, William Parker, Bakersfield. Contract price, \$24,977.

BUILDING CONTRACTS.

FRESNO COUNTY.

FRAME RESIDENCE

LOTS 32, 33 BLK 6 Van Ness Heights Tract, Fresno. A1 work for two-story frame and plaster residence. Owner.....E. A. McCord, Fresno. Architect.....Ernest J. Kump, Fresno. Architect.....A. Nicholson, Fresno. Filed Aug. 11, '14. Dated Aug. 11, '14. Frame up 75% Plastering completed and building enclosed 75% Building completed 75% Usual 35 days..... 25%

TOTAL COST, \$1342

Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BRICK STORE

J AND KERN STREETS, Fresno. All work for one-story and basement brick store and removal of old buildings.

Owner.....Frank H. Ball and Wife, Fresno.

Architect.....C. A. Meussdorffer, Fresno Contractor.....P. E. Hensel and W. H. Ackerman, Fresno.

Filed Aug. 10, '14. Dated Aug. 5, '14.

1st floor joists in place.....\$250.00 Roof in place.....3987.50 Ready for plaster.....4000.00 Completion 5000.00 Usual 35 days..... 5162.50

TOTAL COST, \$20,650.00

Bond, \$10,325. Surety, Southwestern Surety Insurance Co. of Dennison, Okla. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

STRUCTURAL STEEL ON ABOVE.

Contractor.....J. H. Burnett Iron Works, Fresno.

Filed Aug. 10, '14. Dated Aug. 5, '14.

Delivery of steel.....\$3000.00 Completion 956.25 Usual 35 days..... 1318.75

TOTAL COST, \$5275.00

Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SCHOOL—1 story and base, brick and reinforced concrete, \$10,000. Roseville, Placer Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Roseville School District. The building has been designed in the Mission style and will contain eight class

rooms and an assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, probably warm air system, and modern school plumbing. A program clock system will be installed. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the architect.

SCHOOL—2 story and base, brick **BRIDGES**—Steel and reinforced concrete. Cost not stated. Oroville, Butte Co., Cal. Engineer, County Surveyor, Oroville. Owners, Butte County. The Board of Supervisors approved plans for the the Hooker Oak bridge over the Big Chico Creek and for the Mahle bridge over Honcut Creek at Honcut. The former will be 50 feet long, constructed of reinforced concrete and steel and will cost about \$2,000. The Honcut bridge will be 160 feet long and constructed of steel, costing \$7,000. Bids will be called for at once.

BRIDGES—Steel and concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Engineers, County Surveyors of San Joaquin and Contra Costa Counties. The Secretary of War has granted the permit to construct two steel highway bridges over the Old and Middle Rivers between Contra Costa and San Joaquin Counties. The bridges will be of combination type for road and electric cars, and each will be 26 feet wide and 580 feet long, with draw spans of 260 feet. Approaches will be 135 feet long. Bids will be called for as soon as the County Surveyors can complete plans and specifications. Further mention will be made of the work.

BRIDGE—Reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Plans have been completed for a reinforced concrete bridge to be erected over Mormon Channel on Sutter street. Plans have been approved by the City Council and figures are now being taken. Bids will be opened on August 21st. Plans and specifications can be from the County Clerk.

BRIDGE—Reinforced concrete. Cost not stated. Esparto, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. The bridge will be erected over Cache Creek north of Esparto, and has been designed for a road bridge. Plans are complete and figures are being taken. Bids will be opened on August 27th. Plans and specifications can be secured from the County Clerk.

BRIDGE—Reinforced concrete. Cost not stated. Marysville, Yuba Co., Cal. Engineer, County Engineer, Yuba City. Owners, Yuba County. The time for figuring the construction of the new reinforced concrete and steel bridge which is to be erected over the Yuba River at D street has been extended until September 8th. Two bids were received by the Supervisors but were returned unopened to the bidders.

HIGHWAY CONSTRUCTION—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. The State Highway Commission has awarded contracts for highway construction as follows: Fairbanks & Baechtel, Wilhite, 12.8 miles in Humboldt County, \$120,897. James H. Falconer, Escalon, 3.6 miles in Contra Costa County, \$11,443.30. Ran-

some-Crummey Co., Oakland, 1.9 miles in Santa Clara County, \$30,664.50. T. K. Beard, Modesto, 9.3 miles in Santa Barbara County, \$82,168. Bids for constructing the road from Shively to Jordan Creek in Humboldt County were rejected as being above the engineer's estimate and will be readvertised or will be done by Day Labor under the direction of the State Highway Commission.

ROAD REPAIRS—\$18,000. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. County Surveyor Quail has been instructed to prepare plans for grading and otherwise improving the Jack Tone Road from the Linder Road, a distance of 5 miles, into the Tokay Colony. The work is estimated at \$18,000.

ROAD MACHINE—Cost not stated. Woodland, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. Bids will be opened on August 27th for furnishing one No. 4 road machine for use in Road District No. 4. Complete particulars can be secured from the County Clerk at Woodland.

SCHOOL—2 story and base, brick, \$75,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, City of Stockton. Plans for the building to be erected on the Lower Sacramento Road at North street are practically complete and figures will be called for shortly. Plans provide for twelve class rooms, assembly hall and department for domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat and modern school plumbing. Vacuum cleaning and program clocks are also specified. Exterior of the building will be faced with pressed brick. Further mention will be made of the work when plans go out for figures.

BRIDGE—Steel and reinforced concrete. Cost not stated. Bidwell Park, Butte Co., Cal. Engineer, County Surveyor, Oroville. Owners, Butte County. Plans for a combination steel and reinforced concrete highway bridge 90 feet in length have been approved and are now out for figures. Plans and specifications can be secured from the County Clerk at Oroville. Bids will be opened on September 10th.

Contracts Awarded.

BRIDGE—Timber construction, \$1,790. Ukiah, Mendocino Co., Cal. Engineer, County Surveyor, Ukiah. Owners, Mendocino County. Contractors, Roberts & Martin, Ukiah. Contract price, \$1,790.

BRIDGES—2, reinforced concrete. Cost not stated. Chico, Butte Co., Cal. Engineer, County Engineer, Oroville. Owners, Butte County. Contractors, Chico Construction Co., Chico. Contract price, \$1,041 and \$3,965.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

FRAME RESIDENCE

EN NITA AVE, bet. 24th and 25th, Lot 11 Blk 1, Highland Park, Sacramento. Four-room dwelling.

Owner.....H. Spinch. Architect.....None.

Contractor.....Christenden Bros., 2111 28th St., Sacramento.

COST, \$2000

ERECT MARQUISE

NO. 1117 FRONT ST., N 1/2 Lot 8, K, L, 7th and 8th Sts., Sacramento. ERECT Marquise.

Owner.....F. S. Smith, 1614 11th St., Sacramento.

Architect...None.

Contractor...Palm Iron Works, 1900 1/2 16th St., Sacramento.

COST, \$900

FRAME STATION

TWENTY-FOURTH AND FOURTH Aves., N 40 feet Lots 1 and 2, West Curtis Oaks, Sacramento. One-story station.

Owner.....City of Sacramento.

Architect...None.

Contractor...Wm. Rackerby, City Carpenter, Sacramento.

COST, \$500

REPAIR BUILDING

LOT 14, H. J. GOETHE ADD'N "F," Sacramento. Repair burned building

Owner.....H. A. W. Lindgreen, 3740 Magnolia St., Sacramento.

Architect...None.

Day's work. COST, \$900

FRAME RESIDENCE

UPPER STOCKTON ROAD near Vine on Lot 7711 Goethe Addition No. 77, Sacramento. Five-room dwelling.

Owner.....Susie Pavilla, 1915 4th St., Sacramento.

Architect...None.

Contractor...Peter Leoni, 1330 V St., Sacramento.

COST, \$1750

REPAIR ROOF OF CHURCH

NO. 1917 SEVENTH ST., Sacramento. Repair roof and build two towers on church.

Owner.....Eugene Mela, 820 M St., Sacramento.

Architect...None.

Contractor...Peter Leoni, 1330 V St., Sacramento.

COST, \$1700

FRAME RESIDENCE

IAKNES AVE near 21st St., Lot 53 Sutter Terrace Add'n, Sacramento. Three-room residence.

Owner.....Clark Realty Co., 924 6th St., Sacramento.

Architect...None.

Contractor...C. Valine, 2417 15th St., Sacramento.

COST, \$1500

FRAME RESIDENCE

GRANDALL LANE, bet Cornell and J Street Road on N 41 feet Lots 118 and 119, East Sacramento. Five-room dwelling.

Owner.....Jas. J. Jennings, 719 J St., Sacramento.

Architect...None.

Day's work. COST, \$1400

FRAME RESIDENCE

LOT 37, Tresch Tract, Sacramento. Five-room residence.

Owner.....Joe Tresch, 3231 Orange Ave., Sacramento.

Architect...None.

Contractor...Wm. Grant, 3231 Orange Ave., Sacramento.

COST, \$1000

FRAME RESIDENCE

VABASH, bet Rose and Stanford Aves., Sacramento. Five-room residence.

Owner.....J. W. Nace, 4303 Rose, Sacramento.

Architect...None.

Day's work. COST, \$950

REPAIR RESIDENCE

HELAETIA AVE., bet Railroad and California Boulevard, Lot 801, Elmhurst. Repair and finish five-room residence.

Owner.....A. McClelland, 620 J St., Sacramento.

Architect...None.

Day's work. COST, \$750

ADDITION TO SHED

CENTRAL AND PALMER ROAD, Sacramento. Addition to shed.

Owner.....M. M. Boone, 3308 East Ave., Sacramento.

Architect...None.

Contractor...E. T. Maltby, Alley bet. 2d and 3d Aves., Sacramento.

COST, \$400

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

GRANITE WORK CLASS "A" BANK AND OFFICE BUILDING

NW COR. SUTTER AND MAIN STS., Stockton. Granite and stone work for ten-story and basement Class "A" bank and office building.

Owner.....Commercial & Savings Bank of Stockton, 320 E. Main St., Stockton.

Architect...L. B. Dutton, Chronicle Bldg., San Francisco.

Contractor...The McGilvray Stone Co., 634 Townsend, S. F.

Filed Aug. 6, '11. Dated Aug. 6, '11. Semi-monthly payments on 1st and 15th of each month which together with prior payments shall not exceed 75% of the estimated value of the work then completed

TOTAL COST, \$9885

Bond, \$1943. Surety, The Aetna Accident & Liability Co. Limit, 20 working days. Forfeit, no definite amount. Plans and specifications filed.

DELIVER ARCHITECTURAL TERRA

cotta and necessary tools on above.

Contractor...N. Clark & Sons, 116 Natoma, San Francisco.

Filed Aug. 6, '11. Dated Aug. 6, '11.

All architectural terra cotta to

and including 9th story has been

delivered

All terra cotta delivered.....\$2000

All terra cotta set in place.....1200

Usual 35 days.....1650

TOTAL COST, \$6600

Bond, \$3300. Surety, Massachusetts Bonding & Insurance Co. Limit, all mullions and window trim between 3rd and 9th floors, Sept. 1, 1914; all architectural terra cotta for 2nd story, Sept. 15, 1914; remainder of architectural terra cotta, Oct. 1, 1914. Forfeit, no definite amount. Plans and specifications filed.

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT

Aug. 8, 1914—LOT 1, J, K, 29TH AND 30th Sts., Sacramento. Mike Fur-

tado vs A P Valine.....\$71.25

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

BRIDGE—Reinforced concrete, \$40,000. Anaheim, Orange Co., Cal. Engineer, County Surveyor, Orange. Owners, Orange County. The Board of supervisors have ordered the publica-

tion of a Notice to Contractors calling or bids for the construction of a \$40,000 reinforced concrete bridge to be erected to connect the towns of Anaheim and Olive. An official proposal will be published in the Orange County Plaindealer. Bids will also be called for shortly for paving the Anaheim-Olive road.

BRIDGE—Reinforced concrete, \$10,000. Coachella, Imperial Co., Cal. Engineer, County Surveyor, El Centro. Owners, Imperial County. County Surveyor Fulmore has been instructed to revise plans for the proposed bridge across the Santa Ana River at North Main street. An advertisement ordering its construction has been recalled and a new advertisement will be published shortly. Estimates on the new plans show the bridge will cost in the neighborhood of \$10,000. Construction will be of reinforced concrete.

BRIDGE—Reinforced concrete. Cost not stated. Orange, Orange Co., Cal. Engineer, City Engineer, Orange. Owners, City and County of Orange. The City Trustees decided to construct the East Chapman street bridge of reinforced concrete. The bridge will be 165 feet long and will be carried over the creek in three spans. The cost will be divided between the city and county. Work will be started at once.

HOTEL—3 story and base, brick and steel, \$18,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., 14. A. Owner, Edward Hallriter. The building will be erected at the corner of 7th and Santa Fe, and will contain stores on the first floor and a number of hotel rooms on the two upper floors. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Store will have patent fronts and marble bases. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Venice, Los Angeles Co., Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, J. M. Elliott. The building will be erected on Trolleyway near Horizon, and has been designed to contain stores on the first floor and a number of two and three room suites on the upper floor. Interior will be finished in pine throughout. Plans provide for wall beds and private baths. There will be steam heat. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Hollywood, Los Angeles Co., Cal. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, J. Small. The building has been designed to contain stores on the first floor and apartments of two and three rooms above. Interior will be finished in pine. There will be wall beds and private baths. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a hot water system. Exterior will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Richard D. King, 10 W. Hellman Bldg., L. A. Owner, L. Figliera. The building will be erected at the southeast corner of

7th and Westmoreland, covering an area of 56 by 131 feet. There will be a total of 75 rooms which will be arranged in suites of three, four and five rooms. Interior will be finished in pine and hardwood with hardwood floors in the larger suites. Plans provide for steam heat, elevator service, a vacuum cleaning plant and hot water supply. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Peter W. Ehlers and A. W. Kieve, California Bldg. Owner, R. D. Manning. The building will be erected on Beaudry street, and will cover an area of 46 by 150 feet. Besides the apartments of two and three rooms the building will contain a large lobby and amusement room. Interior will be finished in pine with some hardwood veneer. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. All suites will have wall beds and private baths. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LODGE HALL—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Westlake Lodge, F. and A. M. The building will be erected at the southwest corner of 8th and Burlington streets, covering an area of 50 by 102 feet. There will be stores on the first floor and upper floor will be arranged for lodge rooms, offices and ball room. Interior will be finished in pine with hardwood floors. A hot air heating system will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—1 and 2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, J. Benton Van Nuys. The dwelling has been designed to contain twenty rooms, a number of baths and sleeping porch. The house will be erected on a large lot in Windsor Square. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and open fire places. Mantels will be of tile. There will be a hot water system and vacuum cleaning. Bath rooms will be finished in tile and will be equipped with showers. Exterior of the house will be faced with cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, brick and frame. Cost not stated. Los Angeles, Cal. Architect, C. C. Rittenhouse, Washington Bldg., L. A. Owner, A. Jamieson. The dwelling will be erected in Wilshire Heights, and has been designed for a ten-room house with baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and furnace heat. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with ruffled brick veneer. Plans are

complete and work will be done by Day Labor.

SCHOOL SUPPLIES—Cost not stated. Los Angeles, Cal. Architect, none. Owners, City of Los Angeles. Bids are being taken by the Board of Education for furnishing the School Department with lumber, cement, program clocks and certain machinery for the fiscal year. Complete information of this work can be secured from the Clerk of the Board of Education.

Contracts Awarded.

BRIDGES—2, reinforced concrete. Cost not stated. San Luis Obispo, San Luis Obispo Co., Cal. Engineer, County Surveyor, San Luis Obispo. Owners, San Luis Obispo County. Contractors, Mercereau Bridge and Contracting Co., Los Angeles. Contract price, \$3,344 and \$2,365.

SEA WALL CONSTRUCTION—\$46,392. Santa Barbara, Santa Barbara Co., Cal. Engineer, City Engineer George P. Robinson, Santa Barbara. Owners, City of Santa Barbara. Contractors, Mercereau Bridge and Construction Co., Pacific Electric Bldg., L. A. Contract price, \$46,392.

HOTEL—4 story and base, brick and steel, \$26,350. Los Angeles, Cal. Architect, E. B. Rust, Title Insurance Bldg., L. A. Owner, Susan Eckley. Contractor, W. L. Miller, 1226 Dalton avenue, L. A. Contract price, \$26,350.

LODGE HALL—2 story and base. Class C construction, \$25,000. Los Angeles, Cal. Architects, Maine Building and Investment Co., Thorpe Bldg., L. A. Owners, Palestine Lodge F. and A. M. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$25,000.

RESIDENCE—2 story and base, stone and frame, \$50,000. Los Angeles, Cal. Architect, R. D. Farquhar, Van Nuys Bldg., L. A. Owner, Henry D. Lombard. Contractor, T. C. Marlow, Van Nuys Bldg., L. A. Contract price, \$50,000.

SCHOOL—2 story and base, brick, \$57,852.50. Van Nuys, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Van Nuys School District. Contractor, Fred Stahlhuth, 350 South Pasadena avenue, Pasadena, general construction. Thomas Haverly Co., plumbing.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, Central Bldg., L. A. Owner, Mrs. Allie Tompkins. Contractors, Munson & Cattanch Douglas Bldg., L. A. Contract price not stated.

PORTLAND AND OREGON.

SCHOOL—1 and 2 story and base, hollow tile construction, \$21,000. Fulton Park, Ore. Architect, F. A. Naramore, Portland. Owners, Fulton Park School District. The building will contain six class rooms and an assembly hall. Interior will be finished in pine. There will be steam heat and modern school plumbing. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

STORES AND BUSINESS COLLEGE—2 story and base, brick, \$25,000. Salem, Ore. Architect, Fred A. Legg, Salem. Owner, George P. Rogers. Contractor, C. Van Patton, Salem. Contract price, \$25,000.

MARKET BUILDING—1 story and base, brick and concrete. Cost not

LLOYD C. COMEGYS COMMERCIAL ATTORNEY

Efficiency Methods - Adjustments
Advertising Service

902 Mutual Savings Bank Bldg.

Cor. Market & Kearny, Kearny 3864

stated. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owner, Scott Brook. Contractors, Palmer & Ellissin, Henry Bldg., Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

GANTRY CRANE—\$30,000. Seattle, Wash. Engineers, Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. Sealed bids will be received until September 16th for furnishing a large gantry crane which will be installed at Smith's Cove. Complete information of this work can be secured from the Port of Seattle Commission.

COURT HOUSE—2 story and base, stone and steel, \$70,000. New Westminster, B. C. Architects, Gardiner & Mercer, Westminster. Owners, Westminster Province. Plans and specifications for the new court house to be erected in Westminster have been completed and forwarded to Victoria for approval. Bids will be called for as soon as plans have been approved.

SCHOOL—3 story and base, brick and steel, \$300,000. Seattle, Wash. Architect, City School Department, Seattle. Owners, Ballard School District No. 1. The building will be of fireproof construction with steel frame and brick exterior walls. It will cover an area of 260 by 220 feet, and besides a large number of class rooms will contain two gymnasiums and a large auditorium. Interior partitions will be of hollow tile. There will be steam heat and modern school plumbing. Exterior of the building will be faced with pressed brick, granite and terra cotta. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick and steel, \$85,000. Seattle, Wash. Architect, J. A. Creutzer, New York Bldg., Seattle. Owner, Claude C. Ramsay. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$85,000.

POST OFFICE—2 story and base, stone and concrete, \$86,199. Idaho Falls, Idaho. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractors, Sound Construction and Engineering Co., Lowman Bldg., Seattle. Contract price, \$86,199.

STORES AND LOFTS—6 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architect, Louis Mendell, Oriental Bldg., Seattle. Owners, O'Shea Bros. Contractor, Otto Roseleaf, Lowman Bldg., Seattle. Contract price, \$100,000.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

VARIOUS POINTS ABOUT ADVERTISEMENTS.

HEADLINES:

Headlines or catch phrases serve the first purpose of calling attention. This being accomplished they must then serve to start the mind working in the proper direction to create satisfaction with your proposition. If they merely attract and then start the mind working in a direction opposite to which it is necessary to have them travel to get up a proper interest in your offer, they serve you in your first purpose and immediately desert or actively work against you in your further purpose of creating interest in your proposition. Further, if the headline is not followed up in your advertisement in the same train of thought, the mind becomes divided upon two different lines of reasoning and the value of your argument is weakened.

KEYING ADS:

This may be done by using a different street number in each of your publications or ads or may be accomplished by designating a department as one, two or three in the different ads.

Initials may be used in different combinations also in mentioning who dictated or signed the letter. Keying ads enables you to check up returns from any particular piece of direct selling advertising. This system is of no value for trade name advertising.

THE DIRECT COMMAND:

We have all, from our very childhood up, been so accustomed to being told to do things that the very fact of being told to do so, creates an impetus to do it; therefore, such phrases as "Learn book-keeping," "Learn to draw," "Order now," "Come in and see us," and the like, tend to create the action we desire.

RETURN COUPONS:

In all direct result getting advertising, the return coupon, order blank, inquiry blank, or request for catalogue or price list, should be attached to the ad or accompany it as an insert. Everything should be done to make it as easy as possible for the prospect to answer or order.

Three Additions To Plant Necessary.

San Francisco Metal Stamping and Corrugating Company Has Met Well Deserved Success Here.

A marked development has taken place in the business of the San Francisco Metal Stamping and Corrugating Co., which is owned and managed by T. Lahaye and located at 2269 Folsom street. During the past five years the company's plant and art studio has been enlarged no less than

five times to meet the requirements of their growing business and a new department has recently been added which will give San Francisco the only plant manufacturing leader pipe of all sizes in lengths of ten feet. Mr. Lahaye is contemplating another addition which will shortly be made and in which an art school in hammered copper and bronze will be established.

The art studio of the San Francisco Metal Stamping and Corrugating Co. is the only studio of its kind in the West and its display of hand wrought copper and bronze can not be excelled in this country. Recently there has been a considerable recognition of the value of hand wrought copper and bronze as an artistic decoration which has resulted in the revival of the ancient art of the Egyptians, Greeks and Romans. Excellent work in all branches of this art is now being done by the San Francisco Metal Stamping and Corrugating Company and includes the execution of the largest or smallest genre, vases, urns, plaques, memorial and inscription plates, friezes, has reliefs, busts and statues. A specialty is made of replacing patina and repairing antiques.

The services of Mr. Hans Jauchen, former instructor of the Art Metal Department of the University of California, as well as other competent artists, have been secured. A cordial invitation is extended to connoisseurs, architects and all those interested in the art of hand wrought copper and bronze, to visit the Art Studio of the San Francisco Metal Stamping and Corrugating Company and see the work in progress.

Local Turntable Concern Opens Northern Office.

The Dellamore turntable Company of California with sales offices at 6 Staats Building, Pasadena, has recently completed the installation of their table in some of the new Southern California garages where the most modern equipment in every particular was demanded. The Dellamore product was selected in each of these cases because it is unique and different from other turntables in that it is propelled entirely by the automobile without recourse to hand power and is, according to its manufacturers, the only really automatic automobile turntable that has been perfected. The Dellamore table revolves by the action of the rear wheels, running with the engine reversed, upon a pair of metal rollers set in the floor of the table. The car is driven upon the table until the rear wheel engages the rollers. Then the engine is reversed and the table revolves silently and with ease and without the driver having to leave his car.

The value of a turntable in any modern garage of any pretensions whatever is apparent to everyone and it is becoming an adjunct of every up-to-date garage. By means of the installation of a turntable accidents are prevented, space is conserved, there is a saving in convenience and time and it lends itself to the beautifying and ornamentation of the grounds. With the

Dellamore all these desirable features are secured with a very important additional one that the table needs no attention and requires no manual effort in operation. It is merely a case of "letting the machine do the work."

The Dellamore Turntable Company, the manufacturers of the Dellamore Automatic Turntable, are opening an office in San Francisco and are negotiating for agencies throughout the Eastern states.

LARGE FACTS ABOUT A LARGE CITY.

What are the names of the three largest cities in the Western Hemisphere? About 100 out of every well-posted citizens of the United States would promptly answer—New York, Chicago and Philadelphia. And, according to a communication just received by the Pan American Union they would guess wrong. This message states that the corrected returns of this recently taken census show that the population of Buenos Aires has grown to 1,700,000, thus passing Philadelphia and crowding her out of the third place.

The growth of the Argentine capital has been phenomenal. In 20 years it has almost trebled its population and become the largest city in the world south of the equator, the largest Spanish speaking city in the world, the second largest Latin city—Paris alone outranks it—and the third largest city in the Western World. Immigration is, of course, largely responsible for this rapid increase, but the city's birth rate, 34.1 per thousand has cut considerable figure.

Some very interesting questions, the answers to which are not very generally known, might be asked in this connection. For instance—Where is the finest Jockey Club in the world? Where the most expensive theatre in the Americas? Where the most remarkable newspaper building in the world? Where the most elaborately housed municipal water-work station? Where the most architecturally attractive business street? And the answer to each is Buenos Aires.

A few other noteworthy facts relative to the Argentine metropolis are the following: Not only is it the greatest South American sea port, but in point of entrances and clearances of vessels engaged in foreign trade it is ahead of even New York, while in tonnage and value of foreign commerce it ranks next to New York in all the Americas. It is the greatest wool-exporting port in the world, late returns showing that it has crowded Sydney, Australia, out of first place. In exports of frozen and chilled beef Argentina leads the world; next to Russia it exports more wheat than any country in the world; in the production and export of linseed it leads the world; while in the export of corn it more than trebles the United States, and, of course leads the world.

Relative to the newspaper building mentioned above, in a descriptive article in a recent issue of the *Monthly Bulletin* of the Pan American Union, Edward Ables writes:

"The building is on the Avenida de Mayo, not far from the Plaza, and is said to have cost over \$3,000,000. In addition to the newspaper plant the owners of La Prensa (The Press) maintain at their own expense a free me-

dical dispensary, an able physician and assistants who prescribe for and attend charity patients; a law office where the poor may go for free legal advice; a free library; and a free employment agency. A large concert hall, beautifully decorated with paintings and frescoes, is maintained for its staff of employees, who also have a gymnasium and a private restaurant. Finally a suit of rooms is maintained, consisting of a banquet hall, smoking room, ladies' boudoir, reception room, and sumptuously furnished bedrooms, for the accommodation of distinguished visitors from foreign countries as guests of the nation in general and of La Prensa in particular. Those apartments are not inferior in their furnishings and artistic decorations to many of the renowned palaces of European royalty. Incidentally the paper claims to have the most extensive foreign news service of any paper in the world."

"The Avenida de Mayo is unquestionably one of the greatest thoroughfares in the world. It is about 120 feet wide and nearly a mile and a half long, extending from the Plaza de Mayo at the lower end to the new plaza in front of the Capital at the upper. Along the middle, suspended from ornamental iron posts, is a double row of arc lights, and on each side near the curb of the 20-foot sidewalks, is a row of fine trees extending the entire length of the street. The main feature which strikes the stranger, however, is the uniformity in height, and the fine architecture of the buildings. The municipal government offers an annual prize for the most artistic building erected on the several business streets, and supplements this prize by exempting the building from taxation for a certain number of years. Again, under the building regulations each new structure must harmonize in architecture, height, and material, with its neighbors. Thus no one and two story cheap buildings are found to mar the general effects on the Avenida."

Up and Down the Coast.

LOYALTON, Sierra Co., Cal.—The entire stock of the California White Pine Lumber Company, a short distance south of this place, comprising between 10,000,000 and 12,000,000 feet of lumber, was destroyed by fire with an estimate loss of \$25,000.

MARYSVILLE, Yuba Co., Cal.—Because the Yuba County Supervisors overlooked the Legislature of 1913 regarding the law governing the number of days which an advertisement calling for bids on county work must be run, work on the proposed D street bridge will be delayed one month. The error was called to the attention of the Supervisors after they had met to award the contract.

OAKDALE, Stanislaus Co., Cal.—Work has started on the first part of the highway to be used in the construction of the municipal water system for San Francisco, the Utah Construction Company putting 75 men at work at Hetch Hetchy. Two twelve-horse mule teams left Oakdale Sunday with equipment.

The surfaced highway to be built will be twelve miles in length and the contract calls for its completion by November 1.

The contractors, who are to get something over \$150,000 for the twelve-mile stretch of road, expect to have 300 men at work within a few days, and the job will be pushed as rapidly as possible.

MODESTO, Stanislaus Co., Cal.—Mahoney Bros., of San Francisco, who have recently made large investments in Stanislaus real estate, are now contemplating the construction of a railway. It has been reported recently that the Mahoneys are planning the construction of a railway from Turlock to the San Joaquin river, opening up their property—the Glendora tract and the old Sperry Ranch—and the Turlock Garden Land Company's tract. They are negotiating for the Tidewater line on which rails have been laid for six miles west of Turlock and it is thought that active construction will start at an early date. Besides the tracts named the Mahoney Bros. have made other investments in Stanislaus.

OROVILLE, Butte Co., Cal.—Plans for the bridge to span Big Chico Creek, near Hooker Oak, have been accepted by the County Board of Supervisors. The bridge will be about 50 feet long and will be of steel and concrete construction costing about \$2,000. The Mahle bridge plans over Honcut creek at Honcut were also accepted. This structure will be approximately 160 feet long and will cost in the neighborhood of \$7,000.

CHICO, Butte Co., Cal.—The Chico Construction Co. has been awarded the contract for the construction of a reinforced concrete bridge to be erected across Big Chico Creek at the foot of the Esplanade. The contract price is \$4,941. The same company was given the contract to construct a steel bridge at Angel's slough near the Parrott grant. This bridge will cost in the neighborhood of \$3,965. Work will begin in two weeks. Both structures will be provided with ornamental railings and electroliners.

BENICIA, Solano Co., Cal.—Engineers for the Benicia Land and Terminal Company have started the surveying necessary before the company can make application for franchises for the proposed electric railroad between Benicia and Vallejo. The outfit is now in charge of Chief Engineer Matthews, and the work will be rushed along and completed at an early date. The franchises over streets in Benicia and Vallejo will probably be asked for in the near future, but the county franchise matter must wait upon the surveys. President A. D. Bowen and William Standford of San Francisco have recently visited Benicia to look over the work.

EXETER, Tulare Co., Cal.—Two miles are to be added to the Visalia Electric Railway. The new extension will be built from Rose Station to Elderwood.

SAUSALITO, Marin Co., Cal.—The Sausalito Incline Railway Company has received its certificate of incorporation from the Secretary of State, and have filed an application with the Railroad Commission for permission to issue stock and to construct the road up Excelsior Lane. It is thought that actual construction will start at an early date.

VALLEJO, Solano Co., Cal.—A resolution has been passed by the City Commissioners to provide for the construction of a six-inch sewer in the

alley of block 343, fifty feet west of the western line of Butte street. The sewer is to extend to the proposed manhole at the center line of Trinity street. The city will soon call for bids on the work.

SUBSUN, Solano Co., Cal.—Providing certain legal rights can be adjusted, E. D. Le Clare will soon commence building a public wharf 160 feet long. If the city is unable to grant certain privileges he will construct a 100 foot wharf. A crew of men are now at work on the enterprise.

RICHMOND, Contra Costa Co., Cal.—Bonds will be voted here on September 22nd, for the purpose of raising funds for which to establish a dependable water system.

DAVIS, Yolo Co., Cal.—The Board of Supervisors here have purchased a lot on the corner of Third and Court streets on which will be erected a new county jail building.

MARYSVILLE, Yuba Co., Cal.—New bids will be called for by the Board of Supervisors for the construction of the proposed D street bridge. All bids formerly submitted were rejected. Some mistake in the printing of the proposal made it necessary to reject all bids submitted.

MONTAGUE, Siskiyou Co., Cal.—J. E. Wells of the Engineering Department of the Standard Oil Company, and E. J. Fowler, contractor in charge of the building, are in this city staking off the ground for the buildings of the Oil Company's plant in Montague. Work will be commenced on the foundations for the oil tanks as soon as the city water system can supply water for the mixing of the cement, which will require a week or ten days.

SAUSALITO, Marin Co., Cal.—It is rumored here that W. R. Hearst will soon start the construction of a large residence on his property, the building to be completed before the opening of the exposition. While it is not definitely stated, it is understood that plans have been prepared for the building and virtually accepted. Mr. and Mrs. Hearst and a party of friends spent last Saturday looking over the site and spoke of improvements.

MARYSVILLE, Yuba Co., Cal.—The Supervisors of Yuba County have authorized County Surveyor L. B. Cook of this county and Martin Polk of Butte County, to prepare plans and specifications for the new Mahle bridge to be constructed across Honcut Creek on the boundary line between Butte and Yuba counties.

WINTHROP, Shasta Co., Cal.—The people of this vicinity are signing a petition asking the Supervisors to bridge the McCloud river near its mouth and build a road from Winthrop through Copper City over the proposed bridge to connect with the State Highway in the vicinity of Baird.

FRUITVALE, Alameda Co., Cal.—Plans for the paving of a portion of Ninetieth Avenue, for sewerage Made-line avenue westerly from Maple avenue, for sewerage east from Twenty-sixth avenue westerly, have been passed by the City Council.

CALEXICO, Imperial Co., Cal.—Building permits issued in this city for the month of July shows a gain of 913 per cent over the corresponding period of the year previous. The amount invested in this city for building construction shows \$32,875. The largest permit granted was for the construction of a \$25,000 hotel building.

BUILDING AND INDUSTRIAL NEWS

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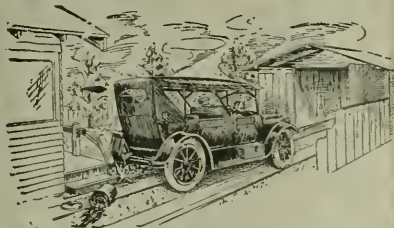
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Editorial Comment.

The Chicago American is sending out a circular letter asking everybody to co-operate in a peace plan to stop the wars of the world. This is the great omnipotent and omniscient William Randolph Hearst that yesterday published the fake Carranza letter at the mediation at Niagara Falls and left no stone unturned to plunge this country into war with Mexico. It is the same Hearst that twisted every fact to vilify the President of the United States, and now has the unprincipled audacity to jump in and try to carry off and claim the results of the great principles of peace for which Bryan and Wilson have fought.

Scientists long ago had a theory to account for the constitution of matter in which the ultimate division was supposed to be the atom. No what division is even smaller and the ultimate element of energy is the electron. If the human mind is ever capable of conceiving or naming anything smaller it may then be able to name something with which to compare the soul of Hearst.

The history of diplomacy of Europe is that of intrigue without regard to right or justice in the main event. It is no more civilized in its moral right than that of the sixteenth century. The history of Europe seems to go round and round in the same beaten circle.

Just forty-eight years ago Prussia humbled Austria in the crushing defeat at Sadowa. Today the shadow of Sadowa has fallen across Europe. For it was that defeat which impelled Austria to seek its future in Slavic South-eastern Europe instead of the Teutonic West.

Until the cementing of the German empire by the Franco-Prussian War Austria had cherished the hope of winning back its place of leadership in the German federation. After 1870 it turned to the Slavic countries of the southeast. The occupation of the Slavic provinces of Bosnia and Herzegovina, inhabited by Serbs, was part of this policy. The two provinces were taken from Turkey after the Russo-Turkey war and turned over to the dual monarchy by the treaty of Berlin.

The kingdom of Serbia itself became an Austrian satrapy. When Bulgaria defeated it in 1885 it was Austria which forbade the following up of the victory. On the death of King Milan in 1901 the new king, Alexander, adopted an anti-Austrian policy, and the Austrian papers regarded his assassination with marked resignation. But the Serbian political leaders turned more and more from Austria. In 1905 Serbia and Bulgaria formed a tariff agreement which was exceedingly distasteful to Austria, and the empire excluded Serbian cattle and agricultural

products. This attempt to strangle Serbia, which had been reaching European markets through Austrian territory, was unsuccessful, however, for Serbia succeeded in opening new trade routes through Turkey.

The same year the southern Slavs of the Austrian empire, who had been separated by religious differences, held a conference for reconciliation, which was bitterly resented by the Austrian authorities. They charged a conspiracy promoted from outside the empire, and arrested fifty-seven participants in the congress on the charge of treason.

The accusation of a Pan-Serbian plot was used in 1908 by Austria as an excuse for the annexation of Bosnia and Herzegovina, which had long been regarded by Serbia as destined to union with that power on grounds of race and language. The "Pan-Serb conspiracy" has long been a favorite device of Austrian politics. It was brought out once more last month to justify the Austrian attack on Serbia. But it has always been denied by Austrian Serbs. In 1909 the Serbian members of the provincial diet of Croatia brought charges of libel against an Austrian writer who had accused them of treasonable relations with Serbia. They proved that his case rested on forged documents which had been supplied him by the Austro-Hungarian foreign office. These documents, it was ascertained, had been prepared by a member of the Austro-Hungarian legation in Belgrade.

Thus ill feeling accumulated between Austria and its little neighbor across the Danube. When the Balkan War broke out Austrian sympathy was with Turkey, in the expectation that a Serbian defeat would leave the country under Austrian domination. Austria is credited with having incited Bulgaria in the war with Serbia that followed the campaign against Turkey. It was Austria, again, that took the lead in creating the kingdom of Albania and shutting Serbia off from the seacoast at the conclusion of the second Balkan War.

The Austrian attack on Serbia is sufficiently accounted for by the impulse to expand toward the southeast, augmented by the hatreds that have piled up in forty years of diplomatic sparing.

TIMELY WARNING — SAME HERE.

The life of an editor was saved the other day by a couple of dollars in his pocket which he had just received on subscription. A crank shot at him and the bullet struck the money and only perforated the editor's leg, which was not nearly so fatal as if it had punctured his skull. Our subscribers should take warning at this incident and save themselves from any possibility of having failed to save the life of the News editor should anything similar happen.—Inglewood News.

THE TIME TO BUILD.

By A. C. Claussen

In Pacific Builder and Engineer

The time of year in which the contracts for the building of a house are let has considerable to do with the prices received. For example, a contract can be let for about 10 per cent cheaper at the present time of the year, the house to be built during the winter, than the prices one would get during the rush of the building season next spring. If only the foundation is put in now and the contract is let early in the year, enabling the contractors to get an earlier start than would be possible if the foundation was put in then, there would be a saving of from 6 to 8 per cent. It is the purpose of this article, however, to call the prospective home builder's attention to various economies in the construction of a home and the letting of the contract that would apply at any time of the year.

A great many people think that they can save money through being their own contractor. They figure that they will save the contractor's profit of from 8 to 10 per cent by buying their own materials, hiring their own labor and superintending the construction of the house themselves. In this they make a fatal error. Few contractors figure much for the profit on labor, since this is really an unknown quantity, on which they can merely make estimates in a general way based upon their previous experience. Since the wages paid out for labor amounts to almost half the cost of the house, it is very important that this item should be handled in a systematic manner. A contractor through his experience knows just how many men he can work to an advantage on a house of a certain size; how many common laborers he would need to supply his brick masons with mortar and brick, just what quantities and at what time certain materials are needed at the job, and knows how much work each man should turn out in a day, enabling him to keep track of their work and discharge any slow or incompetent workman.

When a man attempts to take a contractor's place, lacking all the technical knowledge and experience of the latter, his labor bill will usually amount to 25 or 30 per cent more through his not being able to carry on the work in a systematic manner. The writer has observed houses where a whole crew of men had to be laid off temporarily during the busy season of the year because the owner did not order certain material far enough ahead of time to get it when needed. Men do not stay idle during the busy season in the building line, and a crew laid off in this manner will immediately look for other positions, thereby leaving their former employer handicapped for the lack of labor when the work starts again. The owner is often unable to get enough men together again to carry on the work properly. Those whom he does hire under these circumstances know nothing about the work that has been done and have to study into the matter all over again,

unless a competent foreman has been engaged with a salary above the union scale, whose salary would go on whether the work was going on or not. I have also noticed bricklayers mixing their own mortar and carrying their own bricks when the home-builder should have had common labor to do this work for him instead of paying a man \$4.50 to do work that could be done just as well by cheap labor. Also, the workmen on a house built for the owner himself know that they will probably never have occasion to work for this man again; they know he is incapable of judging the amount of work that should be done in a day and is not apt to discover minor imperfections in the work. These facts have a demoralizing effect over the workmen which means poorer work done in more time than when they are under the guidance of a man whom they hope to work for throughout the year.

When it comes to the buying of materials, while a man may be able to get some one or two things at low cost through having some friend or relative in the business, taken as a whole the material throughout the house will cost the home-builder more than they would cost a contractor. For example, a contractor of any importance will buy his cement, flooring, siding, shingles, dimension lumber and other much used materials by the carload, thereby receiving special quotations on the prices of materials ordered. The materials that he does not use on one house he can use on the next one, for he is in business for a lifetime. The final conclusion is that it is cheaper to let the contract for the entire house, except the heating and plumbing, which should be let separate, to one general contractor, after having obtained his price through competition with other contractors. He is "the man who knows." He has paid for his knowledge in the school of experience and with a properly prepared set of plans is able to carry on the work in a systematic manner. There is no line of business in which this is more true than in the building business, where so many different materials and so many different men are brought together under one man's leadership, to accomplish the building of a home. "Put all your eggs in one basket, but watch that basket."

There are other economies to be considered when the home is being planned before the matter of letting it to the contractor is considered. If the house is of frame construction or brick veneer the height of the stories should be made so that full length studding of 16, 18 or 20 feet can be used without cutting, and in laying out the floor plans care should be taken that the joists all run in one direction bearing upon one or two partitions, according to the size of the house, that extend through the center from the basement to the attic. Wherever practical the partitions on the second floor should be placed directly over those on the first floor, making the studding

two stories high, thereby reducing the settlement of the house through the shrinkage of the floor joist and making it easier and cheaper to construct. Where practical the rooms should be made an odd number of feet plus two inches in the direction that the joists run. For example, a room 13 feet 2 inches wide can be spanned by 14-foot floor joist. If the room were made 13 feet 6 inches wide, 16-foot floor joist would have to be used, with nearly a foot and a half at the end of each joist going to waste, for floor joist can only be obtained an even number of feet in length, except where such length as 7 and 9 feet are required, which can be obtained by cutting joist 14 feet, 18 feet, etc., in two. As few angles should be made in the outside walls as possible, for turning corners costs money, especially in the roof. While stone always looks better than cement, a saving can be made in the sills, lintels, water table, etc., in a house of masonry construction by having them made of cement cast in forms and reinforced with rods. If this is done properly the difference can hardly be detected between the cement product and Bedford sandstone, and the former is very durable when properly made.

Good effects can be had for interior finish on inexpensive woods if a careful painter is obtained. Take, for example, clear birch, stained and grained to imitate dark mahogany, and straight grained Washington fir to imitate mission oak. They can hardly be distinguished from the genuine wood. It is poor economy, and in fact not economy in the long run, to try and economize by using little cement and more sand in the foundation, inferior grades of paint on the outside, cheap varnish on the inside finish, pine floor instead of hardwood, the cheapest heating plant in the market instead of a good hot air or hot water system, the cheapest grade of plumbing, etc. While a great many minor matters might be mentioned wherein a home-builder could economize while having his plans and specifications prepared, the advice given in this entire article might be summed up in one sentence: Engage the services of a competent architect. He makes a special study of these matters, since his reputation depends entirely upon the manner in which he serves his clients' interests. It is his business to compare the size of a home with the amount a man desires to invest and apply strict economy wherever practicable. An architect cannot, however, entirely control the cost of a house. When a home-builder wants a house of a certain style, with certain things on the inside and outside, he should expect to pay for those things and not expect his home to cost no more than a house one-third smaller and not finished as elaborate in detail as he would have his own. System is the word. When constructing a home or building it should be applied from the first to the last.

Pacific Builder and Engineer.

NOTABLE PHASES OF ENGLISH VITAL STATISTICS FOR 1912.

The vital statistics for 1911, even if issued very belatedly, should be of great interest to those concerned in life assurance. The Registrar-General's report is, of course, very voluminous, and is worthy of study at leisure. One remarkable point of note is the number of deaths due to what is no regarded as largely a preventable disease—phthisis. During 1911 it removed 39,232 persons, while cancer was responsible for the deaths of 35,992, a total of 75,134. It is somewhat startling to find that the death-rate in London from phthisis is, as nearly as possible, twice that of the rural areas, and that the rate in the smaller towns is practically the same as in the rural districts. We find, too, that a study of infant mortality in relation to parents' occupations and social position discloses some significant features. For instance, the middle-class mortality was only 61 per cent. of the total legitimate infant mortality of the country. "This at once suggests"—says the report—"that at least 40 per cent of the present infant mortality could be avoided if the health conditions of infant life in general could be approximated to those met with in this class. Rates of under 50 are not very uncommon amongst the professional classes—that for army officers, is 44, for naval officers and for solicitors 41, for medical practitioners 39, and for artists 27. Figures like these show how little of our present infant mortality is essentially inevitable. There seems no reason to consider the limit of improvement reached till infant mortality in general is reduced to the level where that of the professional classes now stands, or, say, to one-third of its present amount."—The Review (London).

AUSTRALIAN GOVERNMENT CONSIDERING UNEMPLOYMENT INSURANCE.

The problem of unemployment insurance is engaging the attention of the Australian Government. It would appear that there is contention whether the system to be adopted shall be contributory or non-contributory. As the Australasian remarks, a contributory system is fair, and removes the stigma of charity which attaches to the acceptance of a free gift from the Government. "Unfortunately, individual members of the Labor party hold the strange view" (it adds) "that a system ceases to be charitable if the grant is payable to all people, whether they need it or not, and that there should be no contribution by the recipients towards the fund from which they are to be paid. In other words, it is considered that in order to give benefits to the poorer classes of society the well-to-do class solely should be taxed. The scheme which the Cook Ministry has in view will, none the less, require to be carefully safeguarded. In the case of insurance against unemployment 'malingering'—pretending, that is, that it is impossible to obtain work, or apathy in the pursuit of employment—would be extremely easy. At the beginning of this winter scores of unemployed had work offered to them, but they refused it—most of them because they did not care

to leave the city. The official figures on the subject were astounding. There would not be nearly so many persons out of work today had it not been for the action of the unions, especially in the building trade, in forcing up wages unduly during the busy summer months. Such action has made it unprofitable to employ, during the winter, any but the very best workmen." This all helps to show how universal is the problem of the malingeringer, and that his extermination should be one of the very prime aims of reformers of today. It is most refreshing to find that in Australia the problem is being probed before a definite scheme has been decided upon. In older and more effete countries the malingeringer is not thought of till afterwards.—The Review (London).

British Workmen's Compensation Experience in 1912.

There has recently been issued from the Home Office an important Blue Book treating of "Workmen's Compensation," giving statistics of compensation and proceedings under the Acts during the year 1912. The returns are divided into two parts. The first deals with statistics as to compensation paid during the year under the Workmen's Compensation Act, in seven industries, viz.: mines, quarries, railways, factories, harbors, docks, etc., constructional work and shipping; while the second part presents general statistics in regard to the administration of the Workmen's Compensation Act, and the Employers' Liability Act. In regard to the seven industries included in the first division as above, returns were received from 136,279 employers of whom 111,066 were included in the collective returns supplied by employers' associations, mutual indemnity societies, and insurance companies, on behalf of the employers belonging to or insured by them. In the seven industries, above mentioned, during the year 1912, compensation was paid under the Act in respect of 3,599 cases of death, and 124,406 cases of disablement, while the gross total of compensation amounted to £3,174,101, as compared with a gross total of £2,742,238 in 1909. The annual charge for compensation, taking the seven groups of industries together, averaged 8s. 7d. per person employed. It was lowest in the case of persons employed in factories, being only 5s. per person; in the case of railways it was 8s. 2d.; it rose to 11s. 2d. in quarries, to 15s. 9d. in shipping, and to 11s. 7d. in constructional work; it was highest in docks, 21s. 4d., and in mines, 21s. 10d. It is noteworthy that in the coal mining industry the charge arising under the Act works out to about 1.65d. only per ton of coal raised. When to the total amount of compensation during the year (£3,174,101) is added the cost of management, commission, legal and medical expenses, etc., it is estimated that the total charge borne by the seven industries probably amounts to nearly £5,000,000. The figures given in the returns, however, represent only the actual amount paid to workmen or their dependants under the Act. To find the total charge on the seven industries in respect to accident compensation it would be necessary to include (1) the expenditure incurred for law costs, administration expenses, etc., (2) compensation paid otherwise than under the Act, i. e., under the earlier Compensation Act (a number of

cases arising under which are still outstanding), under contracting out schemes certified under the Act, under the Employers' Liability Act, or at common law. Information as to the total amounts expended under these heads is not available. Out of the gross total of £3,174,101 paid in 1912, £1,659,900, or 33 per cent., was paid by the insurance companies. Their returns to the Board of Trade for 1912 are not yet available, but the returns for 1911 show that while the payments for claims, including legal and medical expenses, amounted to £1,997,418, the payments for commission and expenses of management amounted to £1,035,539; the total amount of premiums paid in the year was £3,095,670. That is, of the total expenditure of insurance companies in connection with accident compensation, 34 per cent. was for commission and expenses of management, and 66 per cent. was for compensation and for legal and medical expenses. In the case of the indemnity societies, who paid £1,506,549 of the gross total for the year, and in the case of uninsured employers, particulars are not available as to the expenses in connection with the payment of compensation, but even if a much lower rate of management and other expenses is allowed in the case of indemnity societies than in the case of insurance companies, it would seem that the charge for management and other expenses in connection with compensation paid in the seven great industries considerably exceeded £1,000,000, and in addition there are the legal and medical expenses which the returns of the companies to the Board of Trade include in the compensation figure. The total charge cannot have fallen very far short of £5,000,000. Obviously, the yearly total of compensation under the Act, as shown in the returns relating to the seven specified industries, is steadily on the increase, especially in cases of disablement. While the fatal cases have increased only 3.6 per cent., and the amount of compensation in such cases 5.7 per cent, the number of disablement cases has increased 30 per cent. and the amount of compensation for such cases has increased 68 per cent. The increase has been steady throughout the five years. The material for a full investigation of the causes of the increase is not available. So far as regards the increase in the number of cases, in part it is no doubt due to the fact that the remedies provided by the Act have become better known and more fully used. This would be a longer process in the non-fatal than in the fatal cases. Workmen now stay away—legitimately—for injuries when previously they would have kept on with their work as best they could. As, however, all the seven industries (with the exception of shipping) were also included in the Act of 1897, this cause must have produced much of its effect before the Act of 1906 was in full operation. To a large degree, the increase must be due to expansion of trade. The number of persons employed in the seven industries (according to the returns) rose from 6,560,745 in 1909 (the 1908 returns are not trustworthy) to 7,411,005 in 1912, an increase of 13 per cent. The effect of expansion, moreover, on the accident rate cannot be measured merely by the increase in the number employed. Busy trade results in longer hours being

worked, e. g., in those trades where slackness of trade is met not by discharging workpeople but by working shorter time, work is speeded up, etc. How far these causes account for the increase or how far the increase is due to improper claims or to malingering cannot be gauged. In Part 2 of the returns we have much interesting statistical information as to the administration of the Workmen's Compensation Act. These statistics show that only a very small proportion of the claims under the Act become the subject of litigation. The total number of cases under the Workmen's Compensation Act which were taken into court in 1912 was 10,972, but the total number of original claims for compensation finally settled within the cognizance of the courts was only 5,858. Of the 5,858 claims for compensation settled judicially under the Act in the United Kingdom, the decision was in favor of the applicant, that is, the workman, in 4,455, or 76 per cent. The total number of cases under the Employers' Liability Act, 1880, taken into court in the whole of the United Kingdom, was 604 in 1907, 406 in 1908, 298 in 1909, 217 in 1910, 223 in 1911, and 197 in 1912. These figures show clearly the tendency of the remedy provided by the older Act to fall into disuse since the Act of 1906 came into full operation.—The Insurance Journal (London).

CONCERNING SPECIFICATIONS.

That there is a lawsuit in every building contract (at the pleasure of the parties concerned) is an accepted axiom. Hence, the contract is a document that is usually drawn up with considerable care and legal minds are not infrequently requisitioned in its preparation. When it comes to specification, however, laxity is more honored in the observance than in the breach. The clauses are strung together one below the other, with but little regard to what has gone before or what is to follow. Repetition and tautology become wearisome, while an infinity of unnecessary detail prolongs the length of the document beyond the bounds of necessity. The fact is only too often overlooked that the specification is as much a legal document as the contract; indeed it forms, with the plans—and for the matter of that with the correspondence that ensues—a part of the contract, and the two must stand or fall together. Specification writing must be regarded as an important branch of the work of the engineer and the architect, and it is difficult to understand how the lamely worded, halting, ungrammatical documents that one only too often sees can come from the pens of men whose calling presupposes the receipt of a fairly advanced education.

Clearness, brevity and consistency are the three things to aim at in writing a specification. Lengthy sentences of necessity become involved, and the snappiness of modern Journalism may be followed with advantage. Reiteration of descriptions of similar work and materials does not, as is commonly thought, add strength to the document; and, too, there is ever the danger of dissimilar clauses on similar matters creeping in, to the confusion of all parties concerned. Tautology is to be avoided if possible, but true literary excellence is not to be attained and

an expressive word or phrase had better be used over and over again if it rings the changes on it would mean any danger of confusion of ideas. A general clause to the effect that everything shall be done in the best and most workmanlike manner will save an infinity of that needless description of working processes which, to use the words of an authority on the subject, is often carried "to the verge of absurdity." Words such as "proper" and "sufficient" have practically no meaning at all, and the writer should avoid them by stating clearly and concisely what is proper and sufficient. Small detail sketches may be introduced in the margin with advantage, not necessarily as saving description but as helping to elucidate it. But even these may be overdone and "carried to the verge of absurdity" unless the writer places due restraint upon himself. "The description in specifications of workmanship and material of the highest class in positions which any practical builder knows to be unreasonable and unlikely to be insisted on," says the authority already quoted, "leads to a general system of discounting the written requirements by the experienced estimator, who tenders accordingly, and at a much

lower rate than his deluded competitors, who weakly suppose that the specification means what it says." To sum the matter up: If the specifier drafts clearly understands what he is writing about, says exactly what he means and not a word more, clearness, brevity and consistency will have been attained.

Many books have been published giving complete specifications or specimen specification clauses for both building and engineering works. Used with judgment such books may prove of the greatest service; but there is ever the danger of irresponsible consultation and the extraction of clauses which may, when strung together and read as a single document, have all the bad features that have been referred to above. Stock clauses to fit the requirements of every class of work cannot be drafted, and the architect or engineer who dabbles in such things may court serious trouble with his clients. Every clause must have precision of application, for incertitude is fatal. The wide tendering of which so much is heard is due largely to the atmosphere of uncertainty which attaches to many specifications. —From Western Canada Contractor.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$35,000. Architects, Fabre and Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Clay street east of Franklin and has been designed to contain six apartments of six rooms each. Interior will be finished in hardwood with hardwood floors in the living rooms, dining rooms and reception hall. There will be private baths, finished in tile and equipped with showers. All apartments will have sleeping porches. Rector gas steam radiators will be installed. Exterior of the building will be covered with cement plaster in imitation of cut stone with a veneer stone base. Plans are now being prepared.

SAN FRANCISCO—Apartment house alteration, frame, \$2,500. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, J. P. Trouillet. This work will include the installation of new plumbing, wall beds, painting, interior finish, a lighting plant and gas steam radiators in the building located at the northwest corner of Clay and Leavenworth streets. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$6,000. Architect, none. Owner, Louis A. Pfeiffer, 102 Stuart street, S. F. The building will be erected on the south side of 20th street west of Dolores covering an area of 30 by 70. The building has been designed to contain six modern apartments which will have wall beds and private baths. Interior finish will be of pine with some elm panels. There will be a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior

of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 4 story and base, brick, \$35,000. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Pine street and has been designed to contain 32 apartments arranged in two and three room suites with wall beds and private bath rooms. Interior will be finished in pine and elm panels. There will be steam heat, oil burning plant, a hot water system and modern plumbing. All bath rooms will have tile wainscot and composition floors. Tile and marble wainscot will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 6 story and base, Class C construction, \$20,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Turk street east of Polk street, covering an area of 30 by 85 feet. There will be one store besides the entrance on the first floor and a total of 18 suites of two and three rooms on the upper floors. Interiors will be finished in pine and hardwood with some oak floors. Plans provide for steam heat, a hot water system and an automatic elevator. Bath rooms will be finished in tile with composition floors. All suites will have private baths and wall beds. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house alterations, 3 story, frame, \$3,000.

Architects, Helman & Schwartz, Nevada Bank Bldg., S. F. Owner, H. Cohen. This work will consist of interior alterations, new interior finish, plumbing, plastering, painting and electric work. Wall beds will be installed. Plans are complete and figures are being taken.

ATASCADERO COLONY.

ATASCADERO COLONY, SAN LUIS OBISPO CO., CAL.—Colony work, concrete construction. Cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Atascadero Colony, Mutual Bank Bldg., S. F. An announcement has been made by the managers of the Atascadero Colony, San Luis Obispo County, to the effect that in the future all building operations will be carried on by contract instead of Day Labor. Architects Bliss & Faville, Balboa Bldg., have working drawings for a number of important buildings under way and figures will be called for shortly.

BONDS.

MODESTO, STANISLAUS CO., CAL.—No bids were received here for the purchase of \$610,000 of bonds for the proposed enlargement of the sewer system of the Modesto Irrigation District.

RIO BONITO SCHOOL DISTRICT, BUTTE CO., CAL.—Bonds voted here on August 5th carried by a large majority. The bonds were for \$6,000 and will be used in the construction of a new school building.

REDONDO BEACH, LOS ANGELES CO., CAL.—Trustee Thompson has introduced an ordinance calling a special bond election to be held in September for the purpose of raising \$121,000 for the acquisition, construction and completion of a wharf at the foot of Emerald street. The matter will be taken up at the next meeting.

HUMBOLDT COUNTY, CAL.—An advertisement calling for bids for the \$150,000 worth of California State Highway bonds held by Humboldt County has been authorized by the Board of Supervisors. The bids will be received and opened at the next meeting of the Board in September.

HERMOSA BEACH, LOS ANGELES CO., CAL.—An ordinance has been adopted here by the Board of City Trustees calling for a special bond election to be held September 26th, for the voting of bonds of \$15,000. Of this amount \$10,000 will be used in the construction of a new city hall building and \$5,000 for the purchasing of fire fighting equipment. B. F. Brown is the City Clerk.

LOS ANGELES, CALIF.—The Board of Supervisors here will receive bids for the purchase of the Compton Union High School district bonds of \$50,000, until 2 p. m. September 8th. H. J. LeLande is the County Clerk.

GLENORA, LOS ANGELES CO., CAL.—An ordinance has been prepared by the City Council calling for a special bond election to be held September 10th for the purpose of submitting to the voters the question of incurring a bonded indebtedness of \$37,500 for the construction and completion of a municipal water plant.

LOS ANGELES, CALIFORNIA.—The Board of Supervisors of Los Angeles County will receive bids until September 8th for the purchase of bonds

amounting to \$150,000. Funds will be used in the construction of a school building for the Redondo Union High School District. H. J. LeLande is the County Clerk.

SACRAMENTO, CAL.—The Board of Supervisors here has postponed the proposed bond issue of county roads bonds amounting to \$2,125,000, until their meeting of September 8th. The bonds were to be voted on September 25th.

TURLOCK, STANISLAUS CO., CAL.—The City Council has sold the \$15,000 school bonds to G. B. Blymeyer and company of San Francisco, who offered a premium of \$8.00 for the issue.

HUGHSON, STANISLAUS CO., CAL.—The Hughson School bonds of \$10,000 have been sold to the state at par and five per cent interest. Part of the money will be used in the construction of a new rural school three miles southwest of Hughson.

OAKDALE, STANISLAUS CO., CAL.—The question of voting \$400,000 bonds to complete the irrigation system here will be submitted to the voters here at an early date.

PORTERVILLE, TULARE CO., CAL.—N. M. Ball, the Porterville member of the Tulare county highway commission, contrary to general report, has not taken official action to indefinitely postpone the proposed issue of \$1,500,000 in bonds for county road purposes. The committee met with the supervisors in Visalia the first of the month, and following the gathering it was given out that by reason of the European war and consequently unsettled financial conditions, the securities would not be proposed at this time. Ball says that a series of meetings are to be held in the principal towns of the county, at which time the opinion of the publicity bodies will be secured, and upon their recommendation the final action to be taken will be based.

SUISUN, SOLANO CO., CAL.—At the second annual banquet of the Chamber of Commerce the matter of a \$40,000 school bond election was discussed and met with favor on all sides. Meetings will soon be called and the matter will be taken up at an early date.

CUCAMONGA, SAN BERNARDINO CO., CAL.—Residents of Cucamonga do not want a new school building as shown here in the defeat of a \$35,000 school bond election. There were 211 in favor of the issuing of the bonds and 177 against. This is the second time the matter of holding a special bond election has been defeated.

REDONDO, LOS ANGELES CO., CAL.—Hermosa Beach citizens have abandoned the opposition to the bond issue of \$150,000 recently voted for a new school building for the Redondo Union High School District. Bonds will be readvertised at once.

WATSONVILLE, SANTA CRUZ CO., CAL.—A meeting to discuss the proposed bond issue in the Vega School District for a new school building will be held here at a date fixed by the Trustees.

ROADS—Cost not stated. San Rafael, Marin Co., Cal. Engineer, County Engineer, San Rafael. Owners, Marin County. Bids will be received here on September 8th for the grading and macadamizing of Kent avenue. Plans are on file at the County Clerk's office at San Rafael.

BATH HOUSES.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Bath house, 2 story and base, hollow tile construction. Cost not stated. Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A. Owners, Southern California Edison Co. The building will cover an area of 60 by 250 feet and will contain, besides the plunge and dressing rooms, offices and waiting room of the Santa Barbara Electric Railroad Co. Interior will be finished in pine and redwood. Plunge will be of concrete. Special filtration equipment and water heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Architects Ray & Soule of Santa Barbara will act as supervising architects.

BRIDGES AND DAMS.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans have been completed for a reinforced concrete road bridge to be erected over Adobe Creek at Edith avenue. Bids are now being taken for the work and will be opened on September 8th at 11 a. m. Plans and specifications can be secured from County Clerk.

SEATTLE, WASH.—Docks and terminal yards, \$15,000,000. Architects and Engineers, Rowells & Stokes, Seattle and New York. Owners, Bridge Belt Railroad and Navigation Co., Henry Bldg., Seattle. According to statements made here a project which will require the immediate expenditure of \$15,000,000 and ultimately \$50,000,000 is about ready for starting preliminary work. The project is headed by A. P. Gillies, Henry Building at Seattle, who is representing the Bridge Belt Railway and Navigation Company. The first unit will include the two four-story docks 200x800 ft., an eight-story building 500x500 ft., hotel and office building 200x500 feet and a tunnel under a number of streets to be about three miles long. According to information furnished Stone & Webster, of this city, the Seattle Traction Company is interested in the project. Plans were prepared by Howells & Stokes, architects of New York and Seattle, and although no confirmation has been given it is reported the contract will be let to Grant Smith & Company of Seattle.

SAN FRANCISCO—Pier and bulkhead construction, creosoted pile. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans and specifications for Pier No. 37 have been completed and are now out for figures. Included in the contract to be let will be a bulkhead adjoining the pier and a shed which will be erected on the pier. Construction will be of creosoted piles and timber. Shed will have a steel frame covered with galvanized iron. Special steel rolling doors will be used. Plans and specifications can be secured from the office of the State Board of Harbor Commissioners, Ferry Bldg. Bids will be opened on September 3rd. An official proposal appears in another column of this issue.

Contracts Awarded.

ANACORTES, WASH.—Dike construction, \$500,000. Engineer's name not given. Owners, Padilla Bay Reclamation District. Contractors, James Park Engineering and Construction Co., Anacortes. Contract price, \$500,000.

ST. HELENS, ORE.—Bridges, 1 steel and concrete. Cost not stated. Engineer, State Highway Engineer H. L. Bowby, Portland. Owners, Columbia County. Contractors, Ambrose-Burd-sall Co., Portland. Contract price for all four bridges, \$26,336.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Factory, 1 story, brick, \$5,000. Architect, none. Owner, John Hunt, 1703 Octavia street, S. F. The building will be erected on Mission street west of 12th and will cover an area of $4\frac{1}{4}$ by 138 feet. There will be a cement floor. Interior will be finished in redwood. Galvanized cornices and a tar and gravel roof will be used. Exterior of the building will be faced with pressed or wire cut brick. Plans are in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Warehouse, 2 and 3 story Mill construction, \$120,000. Architect, Nathaniel Blaisdell, 255 California street, S. F. Owners, San Francisco Investment Co. The building will be erected on Bryant near Beale street and has been leased to Dunham, Carrigan & Hayden. The building will cover a large ground area loads. Interior will be finished in pine and hardwood veneer in the office and display room portions. There will be a central heating system, elevator and automatic sprinklers. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Spur track will be run into the building. Plans are being prepared.

EMERYVILLE, ALAMEDA CO., CAL.—Factory, 1 story and base, reinforced concrete, \$50,000. Architect, Edward W. McManus, Bankers' Investment Bldg., S. F. Owners, Merchant Calculating Machine Co., Syndicate Bldg., Oakland. The building will be erected on 4th street near Stanford and will cover a considerable ground area. Interior finish will be of pine. A cement floor will be used. Metal window sash and frames are specified. Exterior will be faced with cement plaster. Special machinery to be installed will be furnished by the owners. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Factory, 1 story and base. Class C construction, \$10,000. Architect, none. Owners, San Francisco Sulphur Co., 624 California street, S. F. The building will be erected on West 7th street south of Snyder street. Interior of the building will be divided into five separate apartments. Interior finish will be of pine. A cement floor will be used. Special machinery will be installed under a separate contract. Exterior of the building will be faced with cement plaster. Plans are complete and work will be done by Day Labor. Materials are now being purchased.

PORTLAND, ORE.—Stable, 1 and 2 story reinforced concrete, \$50,000. Architect, Architectural Department, Portland. This building, which has been mentioned here before, will be

erected at the corner of 16th and Chapman streets and will cover a large ground area. Construction will be fireproof with reinforced concrete walls and floors. Interior will be left unfinished. Plans provide for special stable equipment and electric work. Exterior will be faced with cement plaster. Plans are complete and figures are now being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Factory group 1 and 2 story and base, reinforced concrete. Cost not stated. Architect, George W. Harding, Washington Bldg., 1. A. Owners, Pinney-Boyle Mfg. Co. Contractors, Broadway Construction Co., Security Bldg., L. A. general construction. Contract price not stated. Union Iron Works, structural steel. Contract price not stated.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architect, J. A. Porporato, 619 Washington street, S. F. Owner's name withheld. The building will be erected in the Richmond District and has been designed to contain two modern flats of six rooms each. Private garage will be located in the basement. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flat alterations, 3 story and base, frame, \$6,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners, Pacific Realty Co. The recent building located on California near Scott street will be altered and made into 12 flats. Interior will be finished in pine with hardwood floors. An automatic elevator will be installed. New plumbing, painting and electric work will be installed. Exterior of the building will be repainted. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.**Spokane, Wash., Post Office.**

The contract for furnishing new armatures for new fields for the motors for two electric passenger elevators in the U. S. post office at Spokane, Wash., has been awarded to the Otis Elevator Co., Washington, D. C., at \$2,450.

Boise, Idaho, Screens.

Bids were received by the Supervising Architect, Treasury Department, Washington, D. C., for doors and window screens for the U. S. post office, Boise, Idaho, as follows:
McKee Green Mfg. Co., St. Louis, Mo., \$1,119.50.
E. T. Burrowes Co., Portland, Me., \$1,140.52.

Weller Mfg. Co., Milwaukee, Wis., \$1,450.

Robbins Mfg. Co., 1801 No. Central Park Ave., Chicago, Ill., \$1,525.

Santa Barbara, Cal., Furniture.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for

supplying furniture for the U. S. post office at Santa Barbara, Cal.:

Federal Equipment Co., Carlisle, Pa., \$1,396.85.

Jacob Beitzel & Son, York, Pa., \$1,784.90 days.

Louck & Hill Co., Richmond, Ind., \$1,832.26; 90 days.

J. E. Sjostrom, Philadelphia, Pa., \$2,035.90 days.

Nelson & Co., Inc., Brooklyn, N. Y., \$1,976.90 days.

New Method for Purchasing Army Supplies.

As soon as arrangements can be perfected contracts for all supplies for the army will be made through the office of the quartermaster general instead of by the various depot quartermasters. As far as possible purchases will be made under annual schedules.

It is proposed to place the various supplies common to the commercial trade used in the maintenance and upkeep of the army in classes or groups and list such supplies alphabetically by classes or groups in a schedule, specifying in each case a clear description of the article.

Conditions in the Supervising Architect's Office.

Many requests are received for the immediate preparation of plans, etc., for particular Federal buildings which have been authorized by existing legislation, irrespective of the date of such authorization. The following statement of the present status of public building work is issued for the information of all concerned.

Beginning with 1902 it has been the policy of Congress to authorize public buildings by what are known as "Omnibus" acts, each act including a great many separate projects. In addition, special acts are passed from time to time, providing for individual projects, increases in the limits of cost of projects previously authorized, etc. The "Omnibus" Act of 1902 was followed by similar acts in 1903, 1906, 1908, 1910, and 1913.

It is the present policy to place under contract for construction all buildings, or extensions to buildings, authorized in any on "Omnibus" act before beginning plans for projects authorized by a subsequent act. It is also the present practice to prepare the plans for all buildings, or projects, authorized in any given act in the order of the dates upon which the titles to the sites therefor were vested in the United States.

To determine the precise order in which the plans for the various buildings shall receive attention the following procedure is followed: The buildings authorized in any one act are first divided into groups according to the priority of the acts in which their sites were authorized. All buildings in each such act-group are further arranged in the order of the dates of the acquisition of their sites, the earliest date first. For instance, the 1913 act authorizes buildings upon sites which had been authorized in the act of 1908, in the act of 1910, and in the act of 1913. It is intended that the buildings so authorized in 1913 to be erected upon sites authorized in 1908 shall first be placed under contract. These will be followed by buildings authorized in 1913 to be constructed upon sites authorized in 1910. Then the buildings authorized in 1913 to be built upon sites also authorized in 1913 will take

their respective turns for attention.

Extensions are usually authorized to be erected upon land already owned by the United States. While extension projects are included with the buildings authorized in a particular act, discretion is exercised in determining the order in which extensions shall be placed under contract for construction, depending upon the urgency of the need of the improvement.

The output of plans by the Supervising Architect's Office is governed by the extent of the technical force (designers, draftsmen, computers, superintendents, etc.) which the appropriations given by Congress permit the Department to employ.

At this date the Office of the Supervising Architect has on its books, waiting to be placed under contract, approximately \$35,500,000 worth of authorizations for new buildings and extensions, exclusive of the value of the land. This includes the new buildings and extensions in the act of 1913. This office is placing buildings and extensions under contract at the rate of about seven million dollars annually, so that at the present rate of progress the last of the buildings authorized in the act of 1913 will not have been placed under contract until about the beginning of the calendar year 1920. It will not be until after the latter date that it will be possible for the Supervising Architect to place under contract any buildings contained in any act, or acts, which may be passed in the meantime.

—HALLS & SOCIETY BLDGS—

OAKLAND, CAL.—Auditorium, 2-story and base. Class A construction. Supervising Architect, J. J. Donovan, Oakland. Owners, City of Oakland. Bids for elevator and curtain hoists, cement finish, finish hardware, marble and tiling, painting, seating, lath and plastering and electric work were opened by the City Council on August 20th. All bids were referred to the Advisory Committee and the City Attorney. A complete list of the figures submitted will be found under the heading of Oakland and Alameda County in this issue.

HOSPITALS

CALIFORNIA—State institutions, \$146,958. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. In the neighborhood of \$146,958 will shortly be expended by the State of California in improvements at the various state institutions. This amount has been divided as follows: Agnew State Hospital, \$33,977; California School for Girls at Ventura, \$85,000; Sonoma State Hospital, \$2,500; Napa State Hospital, \$2,820; Stockton State Hospital \$18,940; State Capitol Building, \$3,200 and San Quentin Prison, \$521. All work will be handled through the State Department of Engineering.

VENTURA, VENTURA CO., CAL.—Hospital cottage, 1 story, concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened in Sacramento on September 24th for constructing the Hospital Cottage and typical cottages Nos. 1 and 2 at the California School for Girls. An official proposal appears in another column of this issue. Plans

and specifications can be secured from the State Architect. This work is the first of a new group of buildings to be erected at Ventura. The entire group will cost in the neighborhood of \$68,000.

PORTLAND, ORE.—Hospital, 4 story and base, reinforced concrete, \$45,000. Architects, Tourtelotte and Hummel, Reichold Bldg., Portland. Owners, Emanuel Hospital. The building will be erected in the eastern portion of the city and will cover an area of 45 by 110 feet. There will be both wards and private rooms. Interior finish will be of pine and hardwood with some tile and marble wainscot. Special hospital plumbing and equipment will be installed. There will be steam heat, a hot water system, vacuum cleaning and elevator service. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Old People's Home group of 3 story brick and concrete buildings, \$50,000. Architect, Oscar Haupt, Phelan Bldg., S. F. Owners, California Altheim. These buildings will be erected on property adjoining the present Altheim near Fruitvale and will consist of a dining hall, dormitories and social hall. Interior will be finished in pine throughout. There will be steam heat and hot and cold running water. Exteriors will be faced with pressed brick and cement plaster. Plans are complete and figures will be called for shortly.

NAPA, NAPA CO., CAL.—Chambers cottage, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the Chambers Cottage to be erected at the Napa State Hospital and plans are now out for figures. Bids will be opened on September 21st at 12 o'clock. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Architect, Sacramento.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner's name withheld. The building will be erected on Jessie street near Fourth covering an area of 25 by 75 feet. There will be a total of thirty guest rooms and ten baths. Interior finish will be of pine throughout. Plans provide for steam heat, an oil burning plant and elevator service. All rooms will be supplied with hot and cold running water. Bath rooms will have tile wainscot and composition floors. Simplex windows are specified. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

SAN FRANCISCO—Hotel, 3 story and base, brick and steel. Cost not stated. Architects, Rhodes and Marsh, 3372 16th street, S. F. Owner, C. F. Hornung, 422 Church street. The building will be erected on the west side of Valencia street south of 16th. There will be a high class restaurant on the first floor. Upper floors will be arranged for single rooms and baths. Interior will be finished in pine throughout. There will be steam heat and a hot water supply. Bath rooms will be finished in tile with composi-

tion floors. Exterior of the building will be faced with pressed brick. Plans are complete and a contract for the steel work has been let to the Schrader Iron Works. Concrete work will be done by Rasmussen and the balance of the building will be constructed by Day Labor.

BLAIRSDEN, PLUMAS CO., CAL.—Hotel and resort, 11 buildings, log construction. Cost not stated. Architect, Frederick Whitton, 251 Kearny street, S. F. Owners, Interstate Resort Co. The principal of these buildings will be a two story hotel structure containing lobby, social rooms, dining rooms, complete kitchen equipment and about 30 guest rooms. There will be ten cottages of from three to ten rooms. Interiors of all buildings will be finished in the rustic style. There will be steam heat. Hot and cold running water will be supplied to all cottages. Exteriors will be covered with logs and rustic. A large reinforced concrete swimming tank will also be installed. Plans are complete and figures are being taken.

SAN BRUNO, SAN MATEO CO., CAL.—Hotel and bakery, 2 story, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owner Mr. Sullivan. The building will cover an area of 55 by 130 feet. The entire first floor will be occupied by the bakery. Upper floors will contain 12 rooms and bath. Interior will be finished in pine and redwood. There will be plate glass display windows. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

ONTARIO, SAN BERNARDINO CO., CAL.—Hotel addition, 2 story and base, brick, \$10,000. Architects, Butler Bros. Mason Bldg., L. A. Owners, Ford Bros. The addition will contain the office and lobby besides about 30 guest rooms, nearly all of which will have private baths. Interior finish will be of pine throughout. A hot water system will be installed. Bath rooms will be finished in tile. Exterior of the building will be faced with white enameled brick. Plans are being revised and work will be started at once.

LIBRARIES.

story and base, brick, \$35,000. Architects, Kysor and Biggar, Wright and Callender Bldg., L. A. Owners, City of Los Angeles. The building will be erected on Central avenue at the corner of 54th street and will cover an area of 48 by 100 feet. The design is in the classic style. There will be two large reading rooms, librarian's office, stack rooms and game room. Interior finish will be of pine and hardwood with maple floors in the reading rooms. Metal book stacks will be used. Plans provide for steam heat and a vacuum cleaning system. Exterior of the building will be faced with ruffled brick. Plans are now being prepared. Bids will be called for within a month or six weeks.

CLOVIS, FRESNO CO., CAL.—Library, 1 story frame and plaster, \$7,000. Architects, Glass and Butler, Rowell Bldg., Fresno. Owners, Town of Clovis. The building will be erected on Pollasky avenue between 3rd and 4th streets and have been designed in the classic style. There will be one large main reading room, office of the librarian, stack and work room. Interior will be finished in pine through-

out. Maple floor will be used in the reading room. A central heating system will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures will be opened on September 8th.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Chile Exhibit Building, 1 and 2 story, frame and plaster. Cost not stated. Architect's name not given. Owner, Government of Chile. Plans for the exhibit building to be erected by Chile at the Panama-Pacific International Exposition have been completed and forwarded to the Director of Works for approval. Some slight changes will be made and figures will be taken at once. Plans and specifications can be secured from the office of the Director of Works, Service Bldg.

SAN FRANCISCO—Exhibit booth interior work, \$2,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Gus Diekmann Co., 2118 California street, S. F. These owners have secured a large space in the Manufacturers Building. The booth will be finished in hardwood, plaster, art glass and tile. Considerable wood carving will be used. Plumbing fixtures will be installed. Plans are complete and in the hands of the owners who are taking figures on the work.

FRESNO, FRESNO CO., CAL.—Exhibit building, 1 story, frame. Cost not stated. Architect, none. Owner, Fresno County. Plans are complete and in the hands of D. M. Barnwell of Fresno for a one-story building to be erected at the County Fair Grounds to house the cattle exhibit. Bids are now being taken on the work and will be opened on September 8th. Plans and specifications can be secured from Mr. Barnwell.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad Track construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the track work and conduit on the Stockton street Municipal line from Sutter street through the Stockton street tunnel to Sacramento street and figures are being taken. Bids will be opened today.

RICHMOND, CONTRA COSTA CO., CAL.—Passenger and freight depot, frame and plaster construction, \$18,000. Architect, Architectural Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans have been prepared for the new freight and passenger station to be erected at Richmond. The passenger station will be a Mission style structure costing in the neighborhood of \$6,000 while about \$12,000 will be expended for the freight depot. The balance of \$30,000 will be used in extensions to the company's yards. Exterior of both the freight and passenger stations will be covered with cement plaster. Plans are only awaiting the approval of the State Railroad Commission before construction will be started.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story, frame and plaster. Cost, \$25,000. Architects, Ward & Blohme, Alaska Commercial Bldg. Owner George P. Fuller. The dwelling will be erected on the north side of Vallejo street just east of Fillmore and has been designed to contain fifteen rooms and three baths. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and floors and will be equipped with showers. The plans provide for furnace heat and open fireplaces. Exterior of the building will be covered with metal lath and plaster. Plans are now being figured. Note—Concrete and excavating has been let to C. W. Haun, 110 Jessie street, for \$1129.

SAN FRANCISCO—Residences, alterations to 7 3-story and base, frames. Cost, \$14,000. Architect, Charles C. Frye, 20 Montgomery street. Owner, Pacific Realty Company. The buildings are situated on Pacific avenue near Buchanan and will undergo extensive alterations. Included in the work will be new interior finish of pine and blue gum, hardwood floors, painting, imported tapestry wall paper, plumbing, light fixtures and finish hardware. Furnace heat will be installed in each of the buildings, together with automatic water heaters. Baths will be finished in tile and will have composition floors. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, Art Glass Work. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Building, S. F. These architects are now taking figures for art and leaded glass to be installed in the Patigan residence on the corner of Hyde and Francisco streets.

OAKLAND—Residence, 2 story and base, frame. Cost, \$3,500. Architect, none. Owner, Anderson & Folwick, 950 73rd avenue, Oakland. The dwelling has been designed to contain seven rooms with baths. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floors. There will be brick or tile mantels. A hot water heater will be installed. Exterior of the dwelling will be finished with cement plaster. The work will be done by Day Labor.

OAKLAND—Residence, 2 story and base, frame. Cost not stated. Architect, C. W. Dieck, Central Bank Bldg., Oakland. Owner, J. D. Kennedy. The dwelling will be erected on Haddon Hill in Oakland and has been designed to contain in the neighborhood of eight rooms. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Bath will have tile wainscot and composition floors. There will be furnace heat and open fire places. Brick or tile mantels will be specified. Plans are nearing completion and figures will soon be taken.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame. Cost, \$7,500. Architect, John J. Foley, 46 Kearny street, S. F. Owner, J. H. Hatch. The dwelling has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine with some elm panels. Brick mantels are specified.

Baths will be finished in tile. There will be a hot water heating system. Hardwood floors will be used in the principal rooms. Exterior will be covered with resawed rustic. Plans are now being prepared.

SACRAMENTO, CAL.—Residences, 2 1 story frames. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Jas. J. Jennings, 719 J. St., Sacramento, 1 story five-room frame, \$1400; J. W. Nace, 4303 Rose St., Sacramento, 1 story frame, \$950; A. McClelland, 620 J st., Sacramento, repair and finish five room dwelling, cost \$750.

AGUEWS, SANTA CLARA CO., CAL.—Cottages, frame and concrete. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened in Sacramento on September 23rd for constructing temporary cottages at the Agnews State Hospital. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Architect at Sacramento.

SAN FRANCISCO—Residence, Two story and base, frame, \$2,500. Architect, none. Owner, A. C. Hilton, 746 Shrader street, S. F. The dwelling will be erected on the west side of 22nd avenue south of Ulloa street and has been designed for a six room house. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be open fireplaces and tile mantels. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, brick and concrete, \$12,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, O. J. Woodward. The dwelling has been designed for a ten room house with two baths and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile floors and wainscot will be used in the bath rooms. There will be an automatic water heater. Exterior of the house will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architects, Coates & Traver, Head Bldg., S. F. Owner, M. A. Van Schmidt. The dwelling has been designed for a seven room house and will be erected on 43rd avenue north of Fulton. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and work and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame and brick, \$20,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, Samuel Lowenstein. The dwelling will be erected at the southwest corner of Webster and Broadway and has been designed to contain twelve or fourteen

rooms, several baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the sleeping rooms. There will be with veneer pressed brick. Plans a hot water system of heating and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. A vacuum cleaning system will be installed. Exterior of the dwelling will be covered are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$15,000. Architect, T. Patterson Ross, 310 California st., S. F. Owner, George A. Armos. The dwelling has been designed for a ten room house with three baths and will be erected on the south side of Green street east of Hyde. A private garage will also be erected on the property. Interior of the dwelling will be finished in pine and mahogany with white enamel in the sleeping rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. All bath rooms will be finished in tile and equipped with showers. A vacuum cleaning system will be installed and automatic water heaters. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the north side of California street west of 15th avenue and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, brick and plaster, \$18,000. Architect, Clinton Day, Nevada Bank Bldg., S. F. Owner, Mrs. T. L. Barker. The dwelling will contain ten rooms, three baths and sleeping porch. A garage will be erected in the rear. Interior of the dwelling will be finished in pine, mahogany and white enamel. Hardwood floors will be used in the living room, dining room, library and reception hall. Plans provide for a central heating system, open fire places and vacuum cleaning. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the house and garage will be covered with pressed brick and cement plaster. Plans are nearly complete and figures will shortly be called.

Contracts Awarded.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,900. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Mr. Campion. Contractor, Michael Brueck, 600 Charter Oak, S. F. Contract price, \$4,900.

SCHOOLS.

SAN FRANCISCO—Well boring. Cost not stated. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be received on September 2nd by the Board of Public Works for boring a well on the school property located at 12nd avenue and Balboa st.

Plans can be secured from the City Engineer.

RICHMOND, CONTRA COSTA CO., CAL.—Laboratory for school. Cost not stated. Architect's name not given. Owners, City of Richmond. Bids will be opened on August 28th by the Board of Education for furnishing and installing laboratories in the Lincoln School. Plans and specifications, together with full particulars, can be secured from the secretary of the Board of Education at Richmond. The contract is the largest for this kind of work let in Richmond in some time.

SONOMA, SONOMA CO., CAL.—School, 2 story and base, brick, \$35,000. Architect, A. C. Lutgens, 525 Market st., S. F. Owners, Sonoma School District. Bids opened for this work show P. H. Ingraham low at \$28,142. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick, \$90,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, City of Fresno. Plans are now being prepared, under the direction of Supervising Architect W. D. Coates, for the Washington School. The building will be erected on Main street and will contain twelve class rooms, assembly hall, domestic science and manual finished in pine with maple floors in finish din pine with maple floors in the class rooms. There will be steam heat, oil burning system, vacuum cleaning, program clocks and modern school plumbing. Exterior of the building will probably be faced with pressed brick. Only preliminary plans have been prepared. Further mention will be made of the work.

LINDSAY, TULARE CO., CAL.—School, 2 story and base, brick, \$45,000. Architect, F. W. Griffin, Porterville. Owners, Lindsay School District. Architect F. W. Griffin wires that bids opened for the construction of the new school building to be erected at Lindsay ran from \$42,000 to \$61,000. Also that the Board of Education is unable to award contract as no funds are available, bonds of the district not having been sold. Mr. Griffin promises further information as soon as definite action is taken.

SUTTER CITY, SUTTER CO., CAL.—School addition, 2 rooms, frame. Cost not stated. Architect, E. C. Kenyon, 330 J Street, Sacramento. Owners, Sutter City School District. The two rooms will be added to the present frame and plaster building. Interior finish will be of pine. There will be maple floors and composition blackboards. Exterior of the new portion of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on September 5th.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick, \$85,000. Architects, Swartz, Hotchkins & Swartz, Rowell Bldg., Fresno. Owners, City of Fresno. Working drawings for the new building to be erected on Hazelwood avenue have been completed and approved by the Board of Education. The building will contain twelve class rooms, assembly hall and departments for domestic science and manual training. Interior will be

finished in pine with maple floors in the class rooms. Plans provide for steam heat, oil burning equipment, vacuum cleaning and program clocks. Slate black boards will be used. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened on September 18th.

Contracts Awarded.

SONOMA, SONOMA CO., CAL.—School, 2 story and base, brick, \$30,000. Architect, A. C. Lutgens, 525 Market street, S. F. Owners, Sonoma School District. Contractor, R. H. Ingraham, Martinez. Contract price, \$28,500.

SEWERS, STREET WORK AND WATER SYSTEMS.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Grading and paving. Cost not stated. Engineer, County Surveyor, Santa Barbara. Owners, Santa Barbara County. Bids will be opened here on September 8th for the grading and paving of approximately 6630 feet of the San Marcus Turnpike and 4592 feet of Fair View Road. Further particulars and plans may be obtained from the County Surveyor.

GRASS VALLEY, NEVADA CO., CAL.—Cast iron pipe and valves. Cost not stated. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids will be received on August 26th for the furnishing of 1050 feet six-inch iron pipe in six foot lengths 5-6x4 inch C. I. T. branches 2-6 brass mounted gate valves, 1-4 inch brass mounted gate valve, 1 1/4 inch reducer weight 90, bell at each end and 500 pounds of pig lead. Further particulars and plans may be had from the City Clerk at Grass Valley.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Construction Wagon Road. Cost not stated. Engineer, County Surveyor, Santa Barbara. Owners, Santa Barbara County. Bids will be opened here by the Board of Supervisors on September 8th for the construction of a wagon road in the Third Road District in Santa Barbara County. Further particulars and plans may be had from the County Clerk's office at Santa Barbara.

GRASS VALLEY, NEVADA CO., CAL.—Trenching and pipe laying. Cost not stated. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids will be received here on August 26th for the trenching, removing old pipe and laying new six-inch cast iron pipe in the City of Grass Valley. Plans may be secured at the City Clerk's office.

GRASS VALLEY, NEVADA CO., CAL.—Trenching and laying cast iron water pipe. Cost not stated. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids for the trenching and laying of cast iron pipe will be received here August 26th. Further particulars may be obtained from the City Clerk's office.

GRASS VALLEY, NEVADA CO., CAL.—Pipe Sewer. Cost not stated. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids for the furnishing of 1320 feet of six inch vitrified salt glazed sewer pipe, 22 6x4 inch Y branches, 1 cast iron manhole cover and 1 cast iron lamp hole cover. Plans and full particulars can be had by addressing the City Clerk's office at Grass Valley.

MT. VEEDER, NAPA CO., CAL.—

Building and macadamizing roads. Cost not stated. Engineer, County Surveyor, Napa. Owner, Napa County. Bids will be opened here on September 10th for the building and macadamizing of roads of Mt. Veeder and Redwood Permanent Road District No. 2, Sections A, B and C, Napa County. Further particulars can be had from the County Clerk's office at Napa, where plans are on file.

RIO YISTA, SOLANO CO., CAL.—Grading and asphalt paving. Cost not stated. Engineer, Town Engineer, Rio Yista. Bids will be received here on August 27th for the grading, paving, curbing and the laying of corrugated iron culverts with manholes, on Front, First and Seventh streets. Plans and full particulars may be obtained from the Town Clerk's office at Rio Yista.

GRASS VALLEY, NEVADA CO., CAL.—Trenching and pipe laying. Cost not stated. Engineer, City Engineer, Grass Valley. Owner, City of Grass Valley. Bids will be opened here on August 26th for the trenching and laying of sewer pipe and constructing manholes. Complete particulars and plans can be secured from the City Engineer at Grass Valley.

SAN FRANCISCO—Constructing Island Parks. Cost not stated. Engineer, City and County of San Francisco. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on August 26th for the constructing of island parks on Dolores street between 15th and 19th streets. Plans and specifications may be obtained from the City Engineer.

SAN RAFAEL, MARIN CO., CAL.—Grading and macadamizing roads. Cost not stated. Engineer, County Engineer, San Rafael. Owners, Marin County. Bids will be received here on September 5th for the grading and macadamizing of Kent avenue. Plans are on file at the County Clerk's office at San Rafael.

SANTA CLARA CO., CAL.—Highway lighting. Cost not stated. Engineer, County Engineer, San Jose. Owner, Santa Clara County. Bids will be received here on September 5th for the highway lighting of the Willow Glen Lighting District. Plans are on file at the County Clerk's office at San Jose.

SAN FRANCISCO—Tunnel construction, \$3,500,000. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. No bids were received by the Board of Public Works for the construction of the Twin Peaks Tunnel. There figures were to have been opened on Wednesday, August 19th. The fact that no figures were received caused little comment at the meeting as it has been understood for some time that conditions which were made a part of the contract rendered it practically impossible for even the largest construction companies in the east to submit figures. McArthur Bros. of New York wired that if given a ninety day extension of time in which to figure that they would submit a bid. The clause which caused the greatest objection among the local firms was that which stipulated that \$100,000 worth of work should be completed each month and that if less work was completed payment should not be made until the following month's work amounting to \$100,000 should have been completed. Contractors also state that the time al-

lowed for figuring this work was not sufficient. Some trouble was also found by local contractors in securing bonds sufficient to cover the fifty per cent. The Board of Public Works passed a resolution ordering the work readvertised and fixing the opening date as September 16th. Changes in the general conditions may or may not be made.

SAN FRANCISCO—Fountain alteration. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for extensive addition and alteration to, the Donohue Fountain at the corner of Battery and Market streets have been completed and are now out for figures. Bids will be opened by the Board of Public Works on September 2nd. Plans and specifications can be secured from the City Department of Architecture.

FRESNO, FRESNO CO., CAL.—Ornamental street lights, \$15,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has ordered that new figures be called for on the ornamental street lighting system to be installed. A contract was awarded to Ne-Page-McKinney Co. of Seattle for \$15,000, but has been declared void as the company did not start the work within the time specified. Bids will be taken at once.

STORES.

LOS ANGELES, CAL.—Offices, 8 story and base, Class A construction, \$200,000. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, Hulett C. Merritt, represented by The Spring Street Co. The building will be erected at the northwest corner of Broadway and 8th street and will contain four stores on the first floor and a total of 133 offices, besides the space on the eighth floor which will be occupied by the Merritt companies. Construction will be fireproof. A contract for the structural steel has been awarded to the Llewellyn Iron Works and figures on the general construction are being taken. Original plans have been completely revised.

Contracts Awarded.

SAN FRANCISCO—Stores and lofts, 2 story and base, Class C construction, \$15,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, W. F. Baron. Contractor, John Spargo, concrete work; Brandon & Lawson, brick work; A. M. Wallen, general carpentry work. Contract prices not given.

Note—The elevator work is still to be let.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of September, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

Alterations and additions to the Donohue Fountain, located at the Junction of Market, Battery and Rush streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of

written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$5000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposals will be furnished gratuitously upon application at the office of the Bureau of Architecture, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By Order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

Office of the Board of State Harbor Commissioners, Union Depot and Ferry House, San Francisco, Cal., August 21st, 1914.

Sealed proposals or bids will be received at this office until 11:00 o'clock a. m. on Thursday, September 3rd, 1914, for furnishing materials and constructing Pier No. 37, and adjacent Bulkhead Wharf, and a shed over the pier on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Assistant Engineer and adopted by the Board, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of Portland cement and creosoted piles (which will be furnished to the Contractor by the Board), merchantable yellow fir lumber, redwood lumber, sand, crushed rock or gravel, reinforcing materials, metal lath, castings, structural steel, rods, bolts, spikes, car springs, rails and fastenings, asphalt paving, bituminous concrete paving, roofing and painters' materials, glass, window frames, etc. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and tested, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office. Each bid shall be accompanied by a check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six days after the award is made, in that case said sum mentioned in said check shall be deemed liquidated damages for such failure and forfeited and shall be paid in the San Francisco Harbor Improvement Fund.

The bond required to be not less than one-half of the amount of the bid, with two or more sureties to be approved by the Board of State Harbor Commissioners, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof and to the satisfaction of said Board, and which bond shall also be effective as provided in an act approved May 1, 1911, for the protection of material men, mechanics and laborers.

Bids must be delivered to the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary at or prior to 11 o'clock a. m. on Thursday, September 3rd, 1914, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications of this work to be done at Union Depot and Ferry House, upon depositing \$20.00 for same, which will be returned on return of plans and specifications.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913
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Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

Bidders are requested to mark envelope containing bid: "Bid for Pier No. 37."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McCALLUM,
Board of State Harbor
Commissioners.
JEROME NEWMAN,
Assistant State Engineer.
LEO V. MERLE, JR.,
Secretary.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, September 21, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Chambers Cottage, Napa State Hospital, Napa, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Chambers Cottage, Napa State Hospital, Napa, California."

(Signed) W. F. McClure,
State Engineer. (*)
Aug. 24-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, September 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as Temporary Cottages for Nurses, Agnews State Hospital, Agnews, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California and plainly marked on the envelope: "Proposal for Temporary

Cottages for Nurses, Agnews State Hospital, Agnews, California."

(Signed) W. F. McClure,
State Engineer. (*)
Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, September 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as "Hospital Cottage" and "Typical Cottages Nos. 1 and 2," California School for Girls, Ventura, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for 'Hospital Cottage' and 'Typical Cottages Nos. 1 and 2,' California School for Girls, Ventura, California."

(Signed) W. F. McClure,
State Engineer. (*)

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of September, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

Drilling well and furnishing and installing casing in same on the school lot situated between Forty-second and Forty-third avenues, Palms, and Grubbs streets, in the Richmond District.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within fifty (50) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco, August 19, 1914.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 26th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The construction of the Stockton Street Line from Sutter street to Sacramento street, Installation of Track and Conduct.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within thirty (30) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 26th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The Carpentry, Millwork, etc., for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1.—\$ 6,000.00.
Proposition No. 2.—25,000.00.
Proposition No. 3.—30,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Bureau of Architecture, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,

F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 26th day of August, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to-wit:

The elevators for the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five

(5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Bureau of Architecture, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works. J. CHURCHILL, F. J. CHURCHILL,

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 12 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 26th day of August, 1914, for doing the following work, to-wit:

The construction of island parks in Dolores street from Eighteenth street to Nineteenth street; Nineteenth street to Twentieth street, and Thirtieth street to San Jose avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within ten (10) calendar days and completed within forty (40) calendar days from the date of the contract.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Monro, Cal., August 19, 1914. SEALED PROPOSALS, in triplicate, for constructing quarters for Bachelor Officers (including plumbing, heating, electric wiring and fixtures) at Fort Winfield Scott, Cal., will be received here until 11 A. M., September 8, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit of \$25.00 required to secure return plans, etc. Proposals to be enclosed in sealed envelopes and addressed GEO. McK. WILLIAMSON, Lt. Col., G. M. Corps. (9)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Bldg., Sacramento, up to and including twelve o'clock noon, Friday, September 4, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for remodeling of the State Library and the construction, erection and installation of an electrically operated passenger elevator in said State Library, Capitol Building, Sacramento, California, in accordance with the plans and specifications therefore copies of which may be obtained upon application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Elevator Work, California State Library, Capitol Building, Sacramento, California."

[SIGNED] W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR ICE PLANT.

ICE AND STORAGE PLANT—Sealed proposals indorsed "Proposals for Ice-Making and Cold-Storage Plant" will be received at the bureau of yards and

docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 29, 1914, and then there publicly opened, for building and equipping an ice-making and cold-storage plant at the United States naval station, Pearl Harbor, Hawaii. Appropriation available, \$25,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named H. R. STANFORD, chief of bureau.

PROPOSALS FOR HOISTING TOWER.

HOISTING TOWER—Sealed proposals indorsed "Proposals for Coal-hoisting Tower" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. August 29, 1914, and then there publicly opened, for a coal-hoisting tower for the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

CHILE EXHIBIT BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, Government of Chile. Plans for the exhibit building to be erected by Chile at the Panama-Pacific International Exposition have been completed and forwarded to the Director of Works for approval. Some slight changes will be made, and figures will be taken at once. Plans and specifications can be secured from the office of the Director of Works, Service Bldg.

APARTMENT HOUSE, 3 story and base, frame, \$35,000. San Francisco. Architects, Fabre & Bearwald. Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Clay street east of Franklin and has been designed to contain six apartments of six rooms each. Interior will be finished in hardwood with hardwood floors in the living rooms, dining rooms and reception hall. There will be private baths, finished in tile and equipped with showers. All apartments will have sleeping porches. Rector gas steam radiators will be installed. Exterior of the building will be covered with cement plaster in imitation of cut stone with a veneer stone base. Plans are now being prepared.

APARTMENT HOUSE ALTERATION—Frame, \$2,500. San Francisco. Architect, William H. Crim Jr., 425 Kearny street, S. F. Owner, J. P. Trouillet. This work will include the installation of new plumbing, wall beds, painting, interior finish, a lighting plant and gas steam radiators in the building located at the northwest corner of Clay and Leavenworth streets. Plans are complete and figures will be called for at once.

APARTMENT HOUSE—3 story and base, frame, \$6,000. San Francisco. Architect, none. Owner, Louis A. Pfeiffer, 102 Stuart street, S. F. The building will be erected on the south side of 20th street west of Dolores covering an area of 30 by 70. The building has been designed to contain six modern apartments which will have wall beds and private baths. Interior

finish will be of pine with some elm panels. There will be a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—4 story and base, brick, \$35,000. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Pine street and has been designed to contain 32 apartments arranged in two and three room suites with wall beds and private bath rooms. Interior will be finished in pine and elm panels. There will be steam heat, oil burning plant, a hot water system and modern plumbing. All bath rooms will have tile wainscot and composition floors. Tile and marble wainscot will be used in the entrance. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—6 story and base, Class C construction, \$20,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the south side of Turk street east of Polk street covering an area of 30 by 85 feet. There will be one store besides the entrance on the first floor and a total of 18 suites of two and three rooms on the upper floors. Interiors will be finished in pine and hardwood with some oak floors. Plans provide for steam heat, a hot water system and an automatic elevator. Bath rooms will be finished in tile with composition floors. All suites will have private baths and wall beds. Exterior of the building will be faced with pressed brick. Plans are being prepared.

FACTORY—1 story brick, \$5,000. San Francisco. Architect, none. Owner, John Hunt, 1703 Octavia street, S. F. The building will be erected on Mission street west of 12th and will cover an area of 44½ by 135 feet. There will be a cement floor. Interior will be finished in redwood. Galvanized cornices and a tar and gravel

roof will be used. Exterior of the building will be faced with pressed or wire cut brick. Plans are in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

WAREHOUSE—2 and 3 story Mill construction. \$120,000. San Francisco. Architect, Nathaniel Blaisdell, 255 California street, S. F. Owners, San Francisco Investment Co. The building will be erected on Bryant near Beale street and has been leased to Dunham, Carrigan & Hayden. The building will cover a large ground area and has been designed for heavy floor loads. Interior will be finished in pine with hardwood veneer in the office and display room portions. There will be a central heating system, elevator and automatic sprinklers. Metal window sash and frames will be used. Exterior of the building will be faced with pressed brick. Spur track will be run into the building. Plans are being prepared.

FLATS—2 story and base, frame. \$7,000. San Francisco. Architect, J. A. Porporato, 619 Washington street, S. F. Owner's name withheld. The building will be erected in the Richmond District and has been designed to contain two modern flats of six rooms each. Private garage will be located in the basement. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors. Automatic water heaters will be installed. Exterior of the building will be covered with rustic tile and shiplap. Plans are complete and figures are being taken.

FLAT ALTERATIONS—3 story and base, frame, \$6,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners, Pacific Realty Co. The recent building located on California near Scott street will be altered and made into 12 flats. Interior will be finished in pine with hardwood floors. An automatic elevator will be installed. New plumbing, painting and electric work will be installed. Exterior of the building will be repainted. Plans are complete and figures are being taken.

HOTEL—5 story and base, brick and steel. Cost not stated. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owner's name withheld. The building will be erected on Jessie street near Fourth covering an area of 25 by 75 feet. There will be a total of thirty guest rooms and ten baths. Interior finish will be of pine throughout. Plans provide for steam heat, an oil burning plant and elevator service. All rooms will be supplied with hot and cold running water. Bath rooms will have tile wainscot and composition floors. Simplex windows are specified. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

HOTEL—3 story and base, brick and steel. Cost not stated. San Francisco. Architect, Rhodes & Marisch, 3372 16th street, S. F. Owner, C. F. Hornung, 422 Church street. The building will be erected on the west side of Valencia street south of 16th. There will be a high class restaurant on the first floor. Upper floors will be arranged for single rooms and baths. Interior will be finished in pine

throughout. There will be steam heat and a hot water supply. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and a contract for the steel work has been let to the Schrader Iron Works. Concrete work will be done by Rasmussen and the balance of the building will be constructed by Day Labor.

CONSTRUCTING ISLAND PARKS—Cost not stated. San Francisco, Cal. Engineer, City and County of San Francisco. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on August 26th for the constructing of island parks on Dolores street between 18th and 19th streets. Plans and specifications may be obtained from the City Engineer.

RESIDENCE—3 story, frame and plaster. Cost, \$25,000. San Francisco. Architects, Ward & Blohne, Alaska Commercial Bldg. Owner, George P. Fuller. The dwelling will be erected on the north side of Vallejo street just east of Fillmore and has been designed to contain fifteen rooms and three baths. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and floors and will be equipped with showers. The plans provide for furnace heat and open fireplaces. Exterior of the building will be covered with metal lath and plaster. Plans are now being figured. Note—Concrete and excavating has been let to C. W. Haun, 110 Jessie street, for \$1129.

RESIDENCES—Alterations to 7 3 story and base, frames. Cost, \$14,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street. Owner, Pacific Realty Company. The buildings are situated on Pacific avenue near Buchanan and will undergo extensive alterations. Included in the work will be new interior finish of pine and blue gum, hardwood floors, painting, imported tapestry wall paper, plumbing, light fixtures and finish hardware. Furnace heat will be installed in each of the buildings, together with automatic water heaters. Baths will be finished in tile and will have composition floors. Plans are complete and figures are being taken.

RESIDENCE—Art Glass Work. Cost not stated. San Francisco. Architects, Ward & Blohne, Alaska Commercial Building, S. F. These architects are now taking figures for art and leaded glass to be installed in the Patigan residence on the corner of Hyde and Francisco streets.

RESIDENCE—2 story and base. **APARTMENT HOUSE ALTERATIONS**—3 story, frame, \$3,000. San Francisco. Architects, Heiman & Schwartz, Nevada Bank Bldg., S. F. Owner, R. Cohen. This work will consist of interior alterations, new interior finish, plumbing, plastering, painting and electric work. Wall beds will be installed. Plans are complete and figures are being taken.

RAILROAD CONSTRUCTION WORK—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the track work and conduit on the Stockton street Municipal line from Sutter street through the Stockton Street Tunnel to Sacramento street, and figures are being taken. Bids will be opened today.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. C. Hilton, 746 Shrader street, S. F. The dwelling will be erected on the west side of 22nd avenue south of Ulloa street and has been designed for a six room house. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FOUNTAIN ALTERATION—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for extensive addition and alteration to the Donohue Fountain at the corner of Battery and Market streets have been completed and are now out for figures. Bids will be opened by the Board of Public Works on September 2nd. Plans and specifications can be secured from the City Department of Architecture.

TUNNEL CONSTRUCTION—\$3,500,000. San Francisco. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. No bids were received by the Board of Public Works for the construction of the Twin Peaks Tunnel. These figures were to have been opened on Wednesday, August 19th. The fact that no figures were received caused little comment at the meeting as it has been understood for some time that conditions which were made a part of the contract rendered it practically impossible for even the largest construction companies in the east to submit figures. McArthur Bros. of New York wired that if given a ninety day extension of time in which to figure that they would submit a bid. The clause which caused the greatest objection among the local firms was that which stipulated that \$100,000 worth of work should be completed each month and that if less work was completed payment should not be made until the following month's work amounting to \$100,000 should have been completed. Contractors also state that the time allowed for figuring this work was not sufficient. Some trouble was also found by local contractors in securing bonds sufficient to cover the fifty per cent. The Board of Public Works passed a resolution ordering the work readvertised and fixing the opening date as September 16th. Changes in the general condition may or may not be made.

PIER AND BULKHEAD CONSTRUCTION—Crescoted pile. Cost not stated. San Francisco. Engineer, Ass't State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans and specifications for Pier No. 37 have been completed and are now out for figures. Included in the contract to be let will be a bulkhead adjoining the pier and a shed which will be erected on the pier. Construction will be of crescoted piles and timber. Shed will have a steel frame covered with galvanized iron. Special steel rolling doors will be used. Plans and specifications can be secured from the office of the State Board of Harbor Commissioners, Ferry Bldg. Bids will be

opened on September 3rd. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architects, Coats and Traver, Head Bldg., S. F. Owner, M. A. Van Schmidt. The dwelling has been designed for a seven room house and will be erected on 43rd avenue north of Fulton. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame and brick, \$20,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, Samuel Lowenstein. The dwelling will be erected at the southwest corner of Webster and Broadway and has been designed to contain twelve or fourteen rooms, several baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the sleeping rooms. There will be a hot water system of heating and open fire places. Mantels will be of tile or brick. Bath rooms will have tile floors and wainscot and will be equipped with showers. A vacuum cleaning system will be installed. Exterior of the dwelling will be covered with veneer pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$15,000. San Francisco. Architect, T. Patterson Ross, 310 California st., S. F. Owner, George A. Ames. The dwelling has been designed for a ten room house with three baths and will be erected on the south side of Green street east of Hyde. A private garage will also be erected on the property. Interior of the dwelling will be finished in pine and mahogany with white enamel in the sleeping rooms. There will be furnace heat and open fire places and tile mantels. Tile wainscot will be used in the bath rooms. All bath rooms will be finished in tile and equipped with showers. A vacuum cleaning system will be installed and automatic water heaters. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, P. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the north side of California street west of 15th avenue and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

EXHIBIT BOOTH INTERIOR WORK—\$2,000. San Francisco. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Gus Diekmann Co., 2118 California street, S. F. These owners have secured a large space in the Manufacturers Building. The booth will be finished in hardwood, plaster, art glass and tile. Considerable wood

carving will be used. Plumbing fixtures will be installed. Plans are complete and in the hands of the owners who are taking figures on the work.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect, John J. Foley, 46 Kenney street, S. F. Owner, Mr. Campion. Contractor, Michael Brueck, 600 Charter Oak, S. F. Contract price, \$1,900.

WELL BORING—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be received on September 2nd by the Board of Public Works for boring a well on the school property located at 42nd avenue and Balboa street. Plans can be secured from the City Engineer.

STORES AND LOFTS—2 story and base, Class C construction, \$15,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, W. F. Baron. Contractor, John Spargo, concrete work; Brandon & Lawson, brick work; A. M. Wallen, general carpentry work. Contract prices not given. Note.—The elevator work is still to be let.

No Bids Received For Tunnel Work.

Twin Peaks Tunnel Work Will Be Re-advertised New Bids To Be Opened on September 16th.

No bids were received by the Board of Public Works for the construction of the Twin Peaks Tunnel. These figures were to have been opened on Wednesday, August 19th. The fact that no figures were received caused little comment at the meeting as it has been understood for some time that conditions which were made a part of the contract rendered it practically impossible for even the largest construction companies in the east to submit figures.

MacArthur Bros. of New York wired that if given ninety days extension of time in which to figure they would submit a bid. The clause which caused the greatest objection among the local firms was that which stipulated that \$100,000 work of work should be completed each month, and that if less work was completed payment should not be made until the following month's work amounting to \$100,000 should have been completed. Contractors also state that the time allowed for figuring this work was not sufficient. Some trouble was also found by local contractors in securing bonds sufficient to cover the 50 per cent.

The Board of Public Works passed a resolution ordering the work re-advertised and fixing the opening date as September 16th. Changes in the general conditions may or may not be made.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
2840	Erlanger	Wendering	600
2841	Bilfinger	Mitrovich	700
2842	Sutkamp	Sutkamp	2700
2843	Shaw	Nelson	1500
2844	Jones	Finlayson	400
2845	Dean	Kissel	1350
2846	Dean	MacGruer	9700
2847	Dean	Barrett	12800

2848	Dean	Hock	5750
2849	Dean	G. G. Iron	15645
2850	Dean	Hansen	6490
2851	Dean	Pac. Bldg. Sdg.	3350
2852	Dean	U. S. Metal Prod.	2549
2853	Dean	Dalziel	1550
2854	Dean	Scott	675
2855	Dean	Central Elec	2100
2856	Dean	Montague	449
2857	Dean	Vt. Marble	950
2858	Dean	Haus	1450
2859	Dean	Hamm	1129
2860	Dean	Vt. Marble	746
2861	Dean	Scott	3100
2862	Dean	Brown	2473
2863	Dean	Cottrell	100000
2864	Dean	Mortensen	3350
2865	Dean	Heywood	18500
2866	Dean	Dreyfus	2235
2867	Dean	Saratia	5000
2868	Dean	Swenson	1190
2869	Dean	Greene	1120
2870	Dean	Ferrecio	5420
2871	Dean	Winn Bldg	36290
2872	Dean	Peerson	1200
2873	Dean	Pickthall	1000
2874	Dean	Adelstein	4500
2875	Dean	Curtaz	1000
2876	Dean	Kepper	1000
2877	Dean	Hunt	4700
2878	Dean	Hornung	23000
2879	Dean	James	1500
2880	Dean	Mahoney	13000
2881	Dean	Little	6000
2882	Dean	Ferroni	4000
2883	Dean	Whitman	2200
2884	Dean	Born	6000
2885	Dean	Bell	8700
2886	Dean	Strehlow	10500
2887	Dean	Band	2653
2888	Dean	Preston	9300
2889	Dean	Martin	925
2890	Dean	Secor	1196
2891	Dean	Looney	4625
2892	Dean	Westerlund	4810
2893	Dean	Blotch	2500
2894	Dean	Jewett	4000
2895	Dean	Trouillet	500
2896	Dean	Rench	500
2897	Dean	Wrenn	400
2898	Dean	Brannan	400
2899	Dean	Bryon	400
2900	Dean	Morse	1800
2901	Dean	Brochage	1000
2902	Dean	Shoffard	1000
2903	Dean	Gompertz	1000
2904	Dean	Shannon	1250
2905	Dean	Pfeiffer	6000
2906	Dean	Pegell	5000
2907	Dean	Kell	1559
2908	Dean	Orsell	2500
2909	Dean	MacDonald	8000
2910	Dean	MacDonald	8000
2911	Dean	Gilmour	8000
2912	Dean	U. R. R.	1950
2913	Dean	Bjorkman	1800
2914	Dean	Petersen	2500
2915	Dean	Peterson	450
2916	Dean	Leenthal	450
2917	Dean	Hose	400
2918	Dean	Rulfs	2500
2919	Dean	Samuels	10000
2920	Dean	MacInlay	2450
2921	Dean	McKee	1600
2922	Dean	Purcell	2500
2923	Dean	Hilton	1600
2924	Dean	Keller	8762
2925	Dean	Milliken	8762

GARAGE

(2840) NO. 27 FIFTH AVENUE. Construct garage and alterations. Owner.....J. Erlanger, premises. Architect.....None. Contractor.....J. Wendering, 110 Jessie, San Francisco. COST, \$600

RESTAURANT

(2841) NO. 513 JONES. Alter restaurant. Owner.....J. B. Bilfinger, premises. Architect.....None. Contractor.....J. I. Mitrovich, 1034 Golden Gate Avenue. COST, \$700

FRAME DWELLING

(2842) E. THIRTEENTH AVENUE. 135 S Santiago. One-story, basement and attic frame dwelling. Owner.....Anna C. Sutkamp, 918 Taraval, S. F. Architect.....None. Day Labor COST, \$2700

FRAME DWELLING

(2843) S VINCENTE, 57-6 W 22nd.

One-story and basement frame dwelling.
Owner.....Ernest V. Shaw.
Architect.....None.
Contractor.....John Nelson.
COST, \$1500

ALTER DWELLING
(2844) NO. 2710 WEBSTER. Add bath to dwelling.

Owner.....Mr. Jones, premises.
Architect.....None.
Contractor.....M. M. Finlayson, 110 Jesse, S. F.
COST, \$400

PAVILION
(2845) NE EDDY & JONES, N 137-6x E 137-6. All work exterior and interior painting and decorating for Class "A" pavilion building.

Owner.....W. E. Dean, Kohl Bldg., S. F.
Architects.....Cunningham & Politeo, 1st Nat'l Bank Bldg., S. F.
Contractor.....I. Kissell, 1723 Polk, S. F.
Filed Aug. 17, '14. Dated Aug. 12, '14.
Prog. on 1st and 15th.....75%
Usual 35 days25%
TOTAL COST, \$1350
Bond, \$675. Surety, Massachusetts Bonding & Insurance Co. Forfeit \$50. Limit 25 days after notification. Plans and specifications filed.

(2846) ALL WORK FOR LATHING & plastering on above.
Contractor.....MacGruer & Company, 252 Missouri, S. F.

Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.
TOTAL COST, \$9700
Bond, \$4850. Surety, Maryland Casualty Company of Baltimore, Maryland. Forfeit, \$50. Limit, 30 days after notification. Plans and specifications filed.

(2847) ALL WORK OF EXCAVATING, bulkheading, paving, concrete work, reinforcement, granite curbs, sidewalk lights for same.
Contractor.....Barrett & Hilp, Sharon Bldg., S. F.

Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.
TOTAL COST, \$13,800
Bond, \$6900. Surety, Pacific Coast Casualty Co. Forfeit, \$50. Limit, 35 days after notification. Plans and specifications filed.

(2848) BRICKWORK on above.
Contractor.....Charles H. Hock, 180 Jesse, S. F.

Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.
TOTAL COST, \$5750
Bond, \$2875. Surety, The Aetna Accident and Liability Co. Forfeit, \$50. Limit, 30 days after notification. Plans and specifications filed.

(2849) CAST IRON AND STEEL work and painting on above.
Contractor.....Golden Gate Iron Works, 1541 Howard, S. F.

Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.
TOTAL COST, \$15,645
Bond, \$7823. Surety, New England Casualty Co. Forfeit, \$50. Limit 100 days after notification. Plans and specifications filed.

(2850) CARPENTER, MILL, ROOF, store fronts, metal sash, glass and glazing, picture mould, stairs, flag pole, hardware on above.

Contractor.....F. L. Hansen, Gunst Bldg., San Francisco.
Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$6390
Bond, \$3245. Surety, Fidelity & Deposit Co. of Maryland. Forfeit, \$50. Limit, 25 days after notification. Plans and Specifications filed.

(2851) WOOD FLOORS on above.
Contractor.....Pacific Floor Sanding Co., 144 12th St., S. F.

Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.
TOTAL COST, \$3350
Bond, \$1675. Surety, New England Casualty Co. Forfeit, \$50. Limit, 30 days after notification. Plans and specifications filed.

(2852) SHEET METAL WORK AND metal windows on above.

Contractor.....United States Metal Products Co., 523 Market, S. F.
Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.

TOTAL COST, \$2569
Bond, \$1285. Surety, New England Casualty Co. Forfeit, \$50. Limit, 30 days after notification. Plans and specifications filed.

(2853) GAS FITTING AND PLUMBING on above.

Contractor.....Robert Dalziel, Jr., 218 1st, S. F.
Filed Aug. 17, '14. Dated Aug. 13, '14.
Payments same as above.

TOTAL COST, \$1550
Bond, \$775. Surety, National Surety Co. Forfeit, \$50. Limit, 30 days after notification. Plans and specifications filed.

(2854) STEAM HEATING on above.

Contractor.....Scott Co., 243 Minna, S. F.
Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$675.
Bond, \$338. Surety, Chicago Bonding & Surety Co. Forfeit, \$50. Limit, 25 days after notification. Plans and specifications filed.

(2855) ELECTRIC WORK on above.
Contractor.....Central Electric Co., 618 Mission, S. F.

Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.
TOTAL COST, \$2100

Bond, \$1050. Surety, Pacific Coast Casualty Co. Forfeit, \$50. Limit, 25 days after notification. Plans and specifications filed.

(2856) TILING on above.
Contractor.....W. W. Montague & Co., 557 Market, S. F.

Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$449
Bond, \$225. Surety, Massachusetts Bonding & Insurance Co. Forfeit, \$50. Limit, 15 days after notification. Plans and specifications filed.

(2857) MARBLE WAINSCOTING AND steps on above.

Contractor.....Vermont Marble Co., 244 Brannan, S. F.
Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$950
Bond, \$475. Surety, Massachusetts Bonding & Insurance Co. Forfeit, \$50. Limit, 24 days after notification. Plans and specifications filed.

(2858) IRON STAIRS AND LADDERS on above.

Contractor.....A. Haas, 425 Potrero Ave., S. F.
Filed Aug. 17, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$1450
Bond, \$725. Surety, Illinois Surety Co. Forfeit, \$50. Limit, 20 days after notification. Plans and specifications filed.

FOUNDATION FRAME RESIDENCE
(2859) N VALLEJO, 73 E Fillmore, E

32xN 137-6. Excavating and concrete work for three story and basement frame residence.
Owner.....George Fuller, 2250 Vallejo, S. F.
Architect.....Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor.....C. C. W. Haun, 110 Jesse, San Francisco.

Filed Aug. 17, '14. Dated Aug. 10, '14.
Completed and accepted.....\$846.75
36 days after282.25
TOTAL COST, \$1129
Bond, \$565. Surety, The Aetna Accident Liability Co. Forfeit, \$10. Limit, 30 days. Plans and specifications filed.

MARBLE FOR HOTEL

(2860) N SUTTER, 100 W Powell. Marble work for hotel.

Owner.....M. D. Grosh, E. S. Larzere and Louise M. Sage, Mills Bldg., S. F.
Architect.....N. W. Sexton, Chronicle Bldg., S. F.

Contractor.....Vermont Marble Co., 244 Brannan, S. F.
Filed Aug. 17, '14. Dated Aug. 5, '14.
Progress on 1st of each month.....75%
35 days after75%

TOTAL COST, \$746
Bond, \$373. Surety, Massachusetts Bonding & Insurance Co. Forfeit, \$10. Plans and specifications filed.

HEATING FOR APARTMENTS

(2861) SE HYDE & Greenwich, E 100x S 68-9. Oil burning plant, hot water and steam boilers and piping and radiators for seven-story and basement steel frame apartments.

Owner.....Greenwich Realty Co.
Architect.....F. Patterson Ross, 310 California, S. F.

Contractor.....Scott Co., 243 Minna, S. F.
Filed Aug. 17, '14. Dated Aug. 12, '14.
Progressive on 1st and 15th.....
Usual 35 days\$850

TOTAL COST, \$3400
Bond, \$1700. Surety, Chicago Bonding and Surety Co. Forfeit, \$20. Limit, without delay. Plans and specifications filed.

ALTER BUILDING

(2862) 3550 and 3570 19TH. Wrecking and repair work.

Owner.....Dairy Delivery Co., premises.
Engineer.....C. F. Wieland, Call Bldg., San Francisco.

Contractor.....Jos. L. Brown, Balboa Balboa Bldg., S. F.

Filed Aug. 17, '14. Dated Aug. 10, '14.
Completion and acceptance.....\$2473
TOTAL COST, \$2473

Bond, Surety, Forfeit, none. Limit, without delay.

CONCESSION

(2862) EXPOSITION SITE. Toyland platform.

Owner.....Toyland Concession, Exposition site.

Scenic Architect.....Frederick Thompson, New York City.

Engineer, Geo. W. Cottrill.
Day's work \$100,000

SCINTILLATOR PIER

(2864) EXPOSITION SITE. Construction scintillator pier.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect....None.

Contractor, M. P. Mortensen.

Filed Aug. 18, '14. Dated July 23, '14.

Progressive payments of75%

Usual 35 days after25%

TOTAL COST, \$3350

Bond, \$2,000. Surety, Esuitable Surety Co. Forfeit, \$10. Limit, 60 days. Plans and specifications filed.

ALTERATIONS

(2865) S Geary, 50-04, W Johnston Ave., N 25-15 S 102-113, E 25 N 100-5. All work for two-story and basement frame flats and all alterations for No. 3407 and 3409 Geary St.

Owner.....Mrs. William A. Vorrath, 629 5th Ave., S. F.

Plans and specifications by owner.

Contractor, John V. Stiefel, 633 Anza, San Francisco.

Filed Aug. 18, '14. Dated July 21, '14.

Frame up\$1592.50

Brown coated1592.50

Completed1592.50

Usual 35 days1592.50

TOTAL COST, \$6370

Bond, Surety, Forfeit, none. Limit, 90 days from Aug. 15, 1914. Plans and specifications filed.

OPERA CHAIRS

(2866) BLK DBED BY GROVE, Larkin, Hayes and Polk (Civic Center Exposition Grounds. Furnishing and installing 4,424 opera chairs, 6,224 folding chairs and 101 chair trucks for Exposition Auditorium building and Festival Hall on Exposition site.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect....None.

Contractor, Heywood Brothers & Wakefield Co, 737 Howard, San Francisco.

Filed Aug. 18, '14. Dated July 23, '14.

Progressive payments of75%

Usual 35 days25%

TOTAL COST, \$18,500.61

Bond, \$10,000. Surety, Royal Indemnity Co. Forfeit, \$100. Limit, November 18. Plans and specifications filed.

BOOTH, EXPOSITION SITE

(2867) BLOCK 30, corner Avenue C and 6th street, Exposition site. Booth in Palace of Manufactures (Walk-over Shoes.)

Owner.....Geo. H. Young.

Architect....Frank Van Trees, 1424 Haight, S. F.

Contractor, Dreyfus Bros., 324 California, S. F.

Filed Aug. 19, '14. Dated Aug. 12, '14.

Rough frame up\$ 250.00

Completed1426.25

Usual 35 days558.75

TOTAL COST, \$2283

Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

FRAME FLATS

(2868) N UNION, 77-6 E Taylor, E 25-8xN 125-9. All work except shades, light fixtures, mantels and finish hardware for three-story and basement frame flats.

Owner.....Joseph Parente, 592 Pacific, S. F.

Architect....Paul F. Demartini.

Contractor, Serraille & Lagomarsino, 2115 Powell, S. F.

Filed Aug. 19, '14. Dated Aug. 19, '14.

Frame up\$2900

Brown coated2000

Completed and accepted2000

Usual 35 days2900

TOTAL COST, \$8000

Bond, \$1,000. Sureties, N. Capurro and P. Demartini. Forfeit, \$5. Limit, 90 days from August 20. Plans and specifications filed.

ALTER RESIDENCE

(2869) 2900 SCOTT. All work except fixtures and shades for alterations and additions to residence.

Owner.....Theodore Rethers, 126 Stockton, S. F.

Architect....J. R. Miller, Lick Bldg., San Francisco.

Contractor, Swenson & Franzen, 230 Tehama, S. F.

Filed Aug. 19, '14. Dated Aug. 17, '14.

Frame up and roof on\$446.25

Completed and accepted446.25

Usual 35 days297.50

TOTAL COST, \$1190

Bond, \$595. Surety, U. S. Fidelity and Guaranty Co. Forfeit, none. Limit, without delay. Plans and specifications filed.

ALTER RESIDENCE AND STORE

(2870) SE MARKET, 150-0 1/2 NE Castro, 32-10 1/2 x 99 deep on W and 122 on E to 17th. No. 2377-2379 Market; also N Jackson, 110 E Baker 27-6x 127-5 1/2. All work except painting and finish hardware for alterations to store and flat buildings and residence. Store at 2377-2379 Market.

Owner.....John S. Howell, 85 2nd, San Francisco.

Architect....William Mooser and Edward A. Schumacher, Nevada Bk. Bldg., S. F.

Contractor, W. E. Greene.

Filed Aug. 19, '14. Dated Aug. 18, '14.

Store and flat Bldg complete75%

Usual 35 days25%

Residence completed75%

Usual 35 days25%

TOTAL COST, \$1120.25

Bond, \$562. Sureties, H. J. Schober and B. Gallagher. Forfeit, none. Limit, 30 days from filing. Plans and specifications filed.

FRAME FLATS

(2871) E JASPER PLACE, 93-1 1/2 N Green, and E Jasper Place, 115-4 1/2 N Green. Carpenter work for two three-story and basement frame flats (three flats each.)

Owner.....F. Toriggino, 528 Green, San Francisco.

Architect....L. Traverso, 854 Union, San Francisco.

Contractor, Antonio Ferreccio, 423 8th Ave., S. F.

Filed Aug. 19, '14. Dated Aug. 17, '14.

Bldg rough framed, rustic on

and roof completed\$1357.50

Brown coated1357.50

Completed1357.50

Usual 35 days1357.50

TOTAL COST, \$5430

Bond, \$2715. Sureties, Angelo Cuneo and Frederick Ratto. Forfeit, \$3. Limit, 83 days. Plans and specifications filed.

LIVESTOCK EXHIBIT

(2872) EXPOSITION SITE. Construction dairy and poultry buildings, congress and office building, feed storage barn and corrals, known as the Live Stock Exhibit.

Owner.....Panama-Pacific International Exposition, Service Bldg., S. F.

Architect....None.

Contractor, Western Building and Engineering Co.

Filed Aug. 19, '14. Dated Aug. 13, '14.

Payments of75%

Usual 35 days25%

TOTAL COST, \$36,290

Bond, \$20,000. Surety, Pacific Coast Casualty Co. Forfeit, \$75. Limit, 90 days. Plans and specifications filed.

FRAME BUNGALOW

(2873) LOTS 14 & 29, BLK 583, Bay View Tract. W. Jamestown, 325 S Jennings. One-story and basement frame bungalow (six rooms.)

Owner.....Clara Pehrson, formerly Brown, 4302 23rd, S. F.

Plans by owner.

Contractor, J. J. Dignerness, 646 28th, S. F.

Filed Aug. 19, '14. Dated Aug. 17, '14.

Roof on and building enclosed1/4

Brown coated1/4

Completed and accepted1/4

Usual 35 days1/4

TOTAL COST, \$2200

Bond, Sureties, Forfeit, none. Limit, 90 days from Aug. 7. Plans and specifications filed.

SUPPLY HOUSE

(2874) E FREMONT, 114 S Folsom.

Two-story supply house.

Owner.....M. Pickthall, 220 Fremont, San Francisco.

Architect....G. M. Buckingham, 301 First, S. F.

day's work. COST, \$1000

REPAIRS

(2875) E FILLMORE, 75 S Post. Repair and remodel stores.

Owner.....Samuel Adelstein, 1834 Baker, S. F.

Architect....None.

Day's work. COST, \$4500

ALTERATIONS

(2876) NW BUSH and Leavenworth. Changes for stores and offices.

Owner.....E. Curtaz, 519 Hayes, San Francisco.

Architect....None.

Day's work. COST, \$1000

ADDITIONS

(2877) 19 JORDAN AVE. Add two rooms.

Owner.....J. Kepner, premises.

Architect....Edward E. Young, 251 Kearny, S. F.

Day's work. COST, \$1200

FACTORY

(2878) SE MISSION, 172 SW 12th. One-story brick factory building (44-3 1/2 x 138-3.)

Owner.....John Hunt, 1703 Octavia, San Francisco.

Architect....None.

Day's work. COST, \$4900

STORES AND LODGINGS

(2879) W VALENCIA, 122 S 16th. Three-story and base brick stores and lodgings.

Owner.....C. F. Hornung, 422 Church, San Francisco.

Architect....Rhodes & Marish, 3372 16th, S. F.

Day's work. COST, \$23,000

Note: Steel let to Schrader Iron Works.

ALTERATIONS

(2880) NE LEAVENWORTH and



THE NEWHALL APARTMENTS
San Francisco

Charles J. Rousseau, Architect
San Francisco



VENICE UNION POLYTECNIC HIGH SCHOOL GROUP
Venice, Los Angeles Co., Cal.

C. H. Russell Co. Inc., Architects
Los Angeles

Golden Gate Ave. Alterations and repairs to club building.
Owner.....Y. M. C. A., premises.
Architect.....None.
Contractor.....James Son, 1501 Valencia, San Francisco.
COST, \$1500

FRAME SHOP
(2881) S BEACH, 100 E Stockton.
One-story frame shop (75x27.5).
Owner.....Otis Elevator Co., Beach and Stockton, S. F.
Architect.....Otis Elevator Co.
Contractor.....Mahoney Bros, 923 Crocker Bldg., S. F.
COST, \$13,000

RESIDENCE
(2882) S GREEN, 100 W Divisadero.
Two-story, basement and attic frame residence.
Owner.....Matthew A. Little, 1347 4th Ave., S. F.
Architect.....Chas. J. Rousseau, Maskey Bldg., S. F.
Day's work.....
COST, \$6,000

FRAME FLATS
(2883) S BROADWAY, 183-6 W Jones.
Two-story and basement frame (2) flats (23x54).
Owner.....Paul Casella, premises.
Architect.....L. Traverso, 854 Union, San Francisco.
Contractor.....G. Ferroni & Sons, 1709 Lombard, S. F.
COST, \$4000

DWELLING
(2884) W TWENTY-NINTH AVE., 175 N Anza. One-story and basement frame dwelling.
Owner.....A. I. Franklin, 708 Oak, San Francisco.
Architect.....None.
Contractor.....A. Whitman, 2321 Anza, San Francisco.
COST, \$2200

DWELLING
(2885) LOT, 3 ASHBURY TERRACE.
Two-story and basement frame dwelling.
Owner.....S. A. Born Building Company, #60 Market, S. F.
Architect.....E. G. Bolles, 660 Market, San Francisco.
Day's work.....
COST, \$6000

FRAME APARTMENTS
(2886) S RAUSCH and Howard, SE 100xSW 56. Two three-story frame buildings (apartments).
Owner.....Edward H. and wf Margaret V. Coleman and Daniel G. Coleman, Hotel Knickerbocker, S. F.
Architect.....Wm. Beasley, 127 Montgomery, S. F.
Contractor.....Wm. R. Bell.
Filed Aug. 20, '14. Dated July 20, '14.
First floor joists on.....\$2000
Second floor joists on.....1500
Frame up.....1750
Ready for plaster and plumbing roughed in.....1750
Brown coated.....1750
White coated.....1750
Completed and accepted.....4000
Usual 35 days.....5000
TOTAL COST, \$19,500
Bond, Sureties, none. Forfeit, \$5 Limit, 120 days. Plans and specifications filed.

MONTANA STATE BUILDING
(2887) EXPOSITION SITE. All work

for construction of Montana State Building.
Owner.....Exposition Commission of the State of Montana.
Secretary Montana Ex. Com., Frank A. Hazeltaker, Palace Hotel, S. F.
Architect.....None.
Contractor.....Surrehow, Freese & Peterson, Exposition Site.
Filed Aug. 20, '14. Dated Aug. 19, '14.
Progressive of.....75%
Usual 35 days.....25%
TOTAL COST, \$10,500
Bond, \$5250. Surety, Pacific Coast Casualty Co. Forfeit, \$50. Limit, 90 days. Plans and specifications filed.

PLUMBING FOR CLUB
(2888) Merchants' Exchange Bldg.
Plumbing for 13th and 14th floors and roof.
Owner.....S. F. Commercial Club, premises.
Architect.....W. H. Ratcliff, Jr., First Nat'l Bk. Bldg., Berkeley.
Contractor.....S. W. Rand, 318 Ellis, San Francisco.
Filed Aug. 20, '14. Dated Aug. 15, '14.
Progressive monthly.....75%
Usual 35 days.....25%
TOTAL COST, \$2653
Bond, \$1329. Sureties, R. W. Kinney and J. H. Wright. Forfeit, \$5. Limit, December 10. Specifications only filed.

(2889) MASONRY on above.
Contractor.....Fred L. Preston, 337 Eddy, San Francisco.
Filed Aug. 20, '14. Dated Aug. 12, '14.
Payments same as above.
TOTAL COST, \$9300
Bond, \$4650. Sureties, J. W. Miller and E. B. McNear. Forfeit, \$15. Limit, December 10. Specifications only filed.

ALTER FRAME COTTAGE
(2890) 970 CAPITOL AVE. Alterations to one-story and basement frame cottage.
Owner.....F. P. and Mary Resech.
Architect.....None.
Contractor.....A. Martin, 256 Alma, San Francisco.
Filed Aug. 20, '14. Dated Aug. 12, '14.
Frame up.....\$225
Brown coated.....225
Completed and accepted.....225
Usual 35 days.....250
TOTAL COST, \$925
Bond, Sureties, Forfeit, none. Limit, September 17. Plans and specifications filed.

BRICK STORES
(2891) E MISSION, 177-3½ S 12th, S 44-3½ E 139-1 N 32-4½ W 137-11¼.
All work for one-story and mezzanine Class C building.
Owner.....John Hunt.
Architect.....F. W. Hunt.
Contractor.....L. A. Secor, 50 Caselli Ave., S. F.
Filed Aug. 20, '14. Dated Aug. 20, '14.
Progress on 1st and 15th of.....75%
Usual 35 days.....25%
COST, contractor's profit 5% of cost of building.
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans and specifications filed.

FIRE STATION
(2892) BLK BOUNDED BY LAGUNA, Octavia, Turk and Golden Gate Ave. All work for plumbing and gas fitting for Central Fire Alarm Station in portion of Jefferson Square.

Owner.....City and County of San Francisco.
Architect.....None.
Contractor.....Clinton Preproofing Co., Mutual Bank Bldg., S. F.
Sub-contractor.....J. Looney, 85 City Hall Ave., S. F.
Filed Aug. 20, 1914. Dated May 23, '14.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$1196
Bond, Sureties, Forfeit Limit, none.
No plans or specifications filed.

FRAME FLATS
(2893) E MASONIC AVE., 100 N Grove.
All work except plumbing, painting, brick mantels, finish hardware, electric light fixtures and shades for two-story and basement frame (2) flats and garage.
Owner.....Robert K. Schermer, 26 Sanchez, S. F.
Architect.....None.
Contractor.....John Westerlund, 3159 Folsom, S. F.
Filed Aug. 20, '14. Dated Aug. 19, '14.
Second story floor joists in place.....\$ 600.00
Enclosed and roof on.....600.00
Brown coated.....600.00
Window and door casings in.....600.00
Inside trim on.....600.00
Completed and accepted.....468.75
Usual 35 days.....1156.25
TOTAL COST, \$4625
Bond, guaranty bond. Sureties, Henry C. Hughson and Chas. E. Petersen. Forfeit, \$5. Limit, Nov. 14, 1914. Plans and specifications filed.

ALTERATIONS
(2894) N CALIFORNIA, 137-6 W Divisadero, W 27-4½x N 132-7. All work except plumbing, wiring, electric fixtures and shades for alterations and additions to store and flats.
Owner.....Mary G. Dutton, 433 California, S. F.
Architect.....Nathaniel Blaisdell, 255 California, S. F.
Contractor.....E. C. Bleth, 1512 Buchanan, S. F.
Filed Aug. 20, '14. Dated Aug. 11, '14.
House raised, grading performed and foundation.....\$ 900
Framed and enclosed.....900
Roofed, plastered and exterior completed.....800
Completed and accepted.....907
Usual 35 days.....1203
TOTAL COST, \$4810
Bond, Sureties, none. Forfeit, \$10. Limit, 100 days from recording. Plans and specifications filed.

DWELLING
(2895) E JOHNSTON, 275 S Geary.
One-story and basement dwelling.
Owner.....F. T. Jewett, 25 Johnston Ave., S. F.
Architect.....None.
Day's work.....
COST, \$600
ALTERATIONS
(2896) NW CLAY and Leavenworth.
Minor changes and alterations.
Owner.....J. P. Trouillet.
Architect.....W. H. Crim, Jr., 425 Kearny, S. F.
Day's work.....
COST, \$2500

FRAME FLATS
(2897) E SEVENTH AVE., 75 S Irving. Two-story and basement frame (2) flats (25x52-6).
Owner.....John Rench, 1345 12th Ave., S. F.
Architect.....None.
Day's work.....
COST, \$4000

STUDIO

(2898) E TUCKER, 534 N Alpha. One-story frame studio.
Owner.....M. E. Wrenn.
Architect....None.
Day's work. COST, \$500

ADDITIONS

(2899) 1627 FELL. Add two rooms to dwelling.
Owner.....The F. Bannon, premises.
Architect....None.
Day's work. COST, \$400

ADDITIONS

(2900) 5 SURREY. Change front, add two rooms.
Owner.....John Morris, premises.
Architect....None.
Contractor...Byron & Reyweld, 122 Broad, S. F.
COST, \$400

ALTERATIONS

(2901) 1739 Front. Minor changes in offices.
Owner.....C. C. Morse Seed Co., 48 Jackson, S. F.
Architect....None.
Contractor...Brochhage, Foley & Green, 1326 Natoma, S. F.
COST, \$1800

REPAIRS

(2902) 526 FIFTH. Repair roof.
Owner.....J. F. Shazer.
Architect....None.
Contractor...F. C. Shoffard.
COST, \$1000

ALTERATIONS

(2903) 1402-12 FIFTEENTH. Pave and drain yards; underpin walls.
Owner.....Mrs. Dora Derby, 660 Market, S. F.
Architect....None.
Contractor...Chas. W. Gompertz, 503 Market, S. F.
COST, \$1000

DWELLING

(2904) SW JARBOE and Putnam. One-story and basement frame dwlg.
Owner.....Frank Shannon, 530 Fell, San Francisco.
Architect....None.
Day's work. COST, \$1250

FRAME APARTMENTS

(2905) S TWENTIETH, 100 W Dolores. Three-story and basement frame (6) apartments (30x70).
Owner.....Louis A. Pfeiffer, 102 Stewart, S. F.
Architect....None.
Day's work. COST, \$6000

FRAME RESIDENCE

(2906) W JORDAN AVE., 100 N Geary N 30x E 120. Two-story frame residence.
Owner.....H. B. Goldsmith, 220 Powell, S. F.
Architect....None.
Contractor...Frank Pegel, 366 10th Ave., S. F.
Filed Aug. 21, '14. Dated Aug. 12, '14
Excavation and foundation...\$ 700
Brown coated 1000
Exterior and interior completed ready for painting..... 1000
Accepted and completed 1050
Usual 35 days 1250
TOTAL COST, \$5000

Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTER BUILDING

(2907) NE KEARNY AND MARKET.

All work of steel, glass and wood for construction of mezzanine floor, alterations and additions in the basement press room of old Chronical Building.

Owner.....M. H. De Young, Chronicle Bldg., S. F.
Architect...L. E. Dutton, Chronicle Bldg., S. F.
Contractor...Daniel O'Neill, 488 Waller, San Francisco.
Filed Aug. 21, '14. Dated Aug. 20, '14.
1st and 15th of each month..... 75%
Usual 35 days 25%
TOTAL COST, \$1559
Bond, Sureties, none. Forfeit, 25. Limit, September 16. Plans and specifications filed.

FRAME FLATS

(2908) W POLK, 60-6 N Chestnut, N 27xW 55. All work exc-pt shades, and light fixtures for one-story and basement frame building (flat).
Owner.....S. Arrighi, 1762 Polk, San Francisco.
Architect...C. Orselli, 1602 Stockton, San Francisco.
Contractor...O. Orselli.
Filed Aug. 21, '14. Dated Aug. 10, '14.
Frame up\$600
Brown coated 600
Completed and accepted 600
Usual 35 days 700
TOTAL COST, \$2500
Bond, Sureties, none. Forfeit, \$5. Limit, 45 days from August 11. Plans and specifications filed.

FRAME RESIDENCE

(2909) N SEA CLIFF, 234-10 1/2 W 25th Avenue. Two-story and basement frame residence.
Owner.....Graeme, McDonald & Co., 633 Holbrook Bldg., S. F.
Architect...MacDonald & MacDonald, 633 Holbrook Bldg., S. F.
Day's work. COST, \$8000
Building started.

FRAME RESIDENCE

(2910) N SEA CLIFF, 197-4 1/2 W 25th Avenue. Two-story and basement frame residence.
Owner.....Graeme, McDonald & Co., 633 Holbrook Bldg., S. F.
Architect...MacDonald & MacDonald, 633 Holbrook Bldg., S. F.
Day's work. COST, \$8000
Building is started.

ADDITIONS

(2911) 655 Kansas. Add room and porch.
Owner.....J. McNamara, premises.
Architect....None.
Contractor...Geo. D. Gilmour, 2376 Howard, S. F.
COST, \$400

REPAIRS

(2912) E TARA, 120 N Geneva. Repairs and alterations.
Owner.....United Railroads.
Architect....Owner.
Day's work. COST, \$1000

DWELLING

(2913) W NEWTON, 175 N Morse. One and one-half story and basement frame dwelling.
Owner.....John Bjorkman, 2793 Mission, S. F.
Architect....None.
Day's work. COST, \$1950

ADDITIONS

(2914) E R. R., 100 N 16th. Extend

and add to present building.
Owner.....A. Bothe, 1515 R. R. Ave. San Francisco.
Architect....None.
Contractor...Antone Petersen, 844 Guerrero, S. F.
COST, \$1800

ALTERATIONS

(2915) E FRANKLIN, 67-8 1/2 S Clay. Install plumbing and patent chimney.
Owner.....Hans Peterson, Con. Ass'n.
Architect...Rousseau & Rousseau, 437 Monadnock Bldg., S. F.
Day's work. COST, \$400

ALTERATIONS

(2916) NW POST and Kearny. Change interior and show window.
Owner.....Alfred Lillenthal Co., premises.
Architect....None.
Contractor...Larsen - Sampson Co., Crocker Bldg., S. F.
COST, \$2550

ALTERATIONS

(2917) 142 HARTFORD. Change windows and porch.
Owner.....J. N. Hose.
Architect....None.
Contractor...Wm. Keedy, 157 Bronte, San Francisco.
COST, \$450

ALTERATIONS

(2918) E FRANKLIN, 37-8 1/2 S Clay. Add 2 rooms, patent chimney, minor repairs.
Owner.....Theo. E. Rulfs, Ross Valley, Cal.
Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
Day's work. COST, \$400

CLOCK

(2919) 895 MARKET. Erect street clock.
Owner.....Albert S. Samuels, prem.
Architect....None.
Day's work. COST, \$2500

ALTERATIONS

(2920) W TAYLOR, 176-3-12 N Sutter. Underpin lodging house.
Owner.....Jennie C. Mackinlay.
Architect...A. W. Pattian, Merchants' Nat'l Bk. Bldg., S. F.
Day's work. COST, \$400

TENEMENTS

(2921) N BUSH, 40 E Leavenworth. Four-story and basement brick tenements.
Owner.....E. McKee, 3328 24th, S. F.
Architect...D. C. Coleman, 762 Merchants' Nat'l Bank, S. F.
Day's work. COST, \$10,000

DWELLING

(2922) W EIGHTEENTH AVE., 225 N Balboa. Two-story and basement frame dwelling.
Owner.....Ellen A. Purcell, 856 Presidio Ave., S. F.
Architect....None.
Contractor...J. S. Purcell, 856 Presidio Ave., S. F.
COST, \$2450

DWELLING

(2923) W TWENTY-SECOND AVE., 150 S Ulloa. Two-story frame dwelling (25x35).
Owner.....A. C. Hilton, 746 Shrader, San Francisco.
Architect....None.
Day's work. COST, \$2500

22241 N SIXTEENTH, 85 E Guerrero, 25x100. One-story and basement frame building (2 stories.)

Owner.....A. Alexander, 206A Buena Vista Ave., Alameda.

Architect.....None.
Contractor.....R. Keller & Crane, 91 Miramar, S. F.

Filed Aug. 22, '14. Dated Aug. 12, '14. Roof on\$400

Brown Plastered 400
Completed 400

Usual 35 days 400
TOTAL COST, \$1600

ond, Sureties, Forfeit, none. Limit, 60 days from Aug. 12, 1914. Plans and specifications filed.

Note First report Aug. 15; No. 2817.

29255 N SUTTER, 81 W TAYLOR, N 137-6xW 56-6. All work furnish and deliver structural steel and cast iron bases for apartment house and hauling and erecting same.

Owner.....Clara M. Clayton, Josephine L. Struve, Edwin P. Gaffney, Geo. W. Livingston, and Willetta H. Hendrickson, 109 Sharon Bldg., San Francisco.

Architect.....Albert Lansburgh, M. A. Gunst Bldg., S. F.

Contractor.....Milliken Bros., Inc., Whitehall Bldg., S. F.

Filed Aug. 23, '14. Dated June 4, '14. \$7212 to be paid in installments of the value of each shipment

\$1550 paid in monthly installments of75%

Usual 35 days25%

TOTAL COST, \$5762

ond, \$4381. Surety, Fidelity and Deposit Co. of Maryland. Forfeit, none. Limit, 50 days after notification. Specifications only filed.

COMPLETION NOTICES.

San Francisco.

COORDERD AMOUNT
Aug. 15, 1914—W FIFTH AVE 75 S Balboa S 25xW 95. Richard French to Taylor & Co.....Aug. 14, 1914
Aug. 15, 1914—W DIAMOND 160 N 23rd N 25xW 115.9. Tina Hinkel to Hinkel Bros.....July 25, 1914
Aug. 15, 1914—N POST 137-6 W Franklin W 85xN 137-6. P. L. Bannan to A. Helbing.....Aug. 11, 1914
Aug. 15, 1914—SE MOSCOW 200 NE Persia Ave NE 25xSE 100 Ptn Lot 3 Blk 82, Excel Hd. John T. Grace to whom it may concern.....Aug. 15, '14
Aug. 15, 1914—NE PARKER AVE & Fulton E 175xN 275. The President and Board of Trustees of St. Ignatius College to John J. Hughes and Massachusetts Bonding & Insurance Co.Aug. 13, 1914
Aug. 15, 1914—N BROADWAY adj. to W of the present residence, 30 feet front. Herbert C. Moffitt to Farrell & Reed.....Aug. 6, 1914
Aug. 15, 1914—LOT 8 BLK 3 St. Francis Wood. Ida F. Shipman to Marcus Marcussen.....Aug. 15, 1914
Aug. 15, 1914—W DIAMOND 185 N 23rd N 25xW 115.9. Tina Hinkel to Hinkel Bros.....July 25, 1914
Aug. 17, 1914—N CALIFORNIA, 82-6 W 5th avenue, N 110-6x W 25 S 112 E 25-23-16. I. V. De Ryana to S. J. Sterner.....Aug. 7, 1914
Aug. 17, 1914—S W JACKSON AND Taylor, S 68-9x87-6. Metropolis Investment Company to whom it may concern.....Aug. 17, 1914
Aug. 17, 1914—N GRENNICH, 55 E Fillmore, E 25x60. Pietro Alberigli

to Devincenzi Bros. & Co.....

Aug. 17, 1914—S CALIFORNIA, 32-6 W 23rd Ave W 75 S 100 E 25 N 25

E 50 N 75. John Gray to Leigh & Schultz.....Aug. 14, 1914

Aug. 17, 1914—N CARMELO, 126-6 W Cole, 33-6x114-11-16 ft. W. B. Cookson to L. Arthur & Son.....

Aug. 17, 1914—N BUSH, 90 W Stockton, W 50xN 68-3. Clyde S. Payne to whom it may concern.....

Aug. 17, 1914—SW BROADWAY & Grant Ave, S 137-6 W 137-6 N 37-6

E 20 N 100 E 117-6 Mary Marsicano to Mulcahey Bros.....Aug. 12, 1914

Aug. 17, 1914—W SIXTH AVE, 50 N Hugo, N 25xW 95. George S. Crim to L. C. Woodridge.....Aug. 14, 1914

Aug. 17, 1914—S CALIFORNIA, 114-6 W Larkin, W 23xS 80-6. Joseph Jurisch to E. J. Montgomery.....

Aug. 18, 1914—NE CALIFORNIA & Davis, A. B. Spreckels to Forderer Cornice Works.....Aug. 1, 1914

Aug. 18, 1914—SE TEHAMA, 100 SW 4th SW 25xSE 50. John J. and Rose Coffey to whom it may concern.....Aug. 1, 1914

Aug. 18, 1914—SW NEWMAN & Bennington. Michael Fogarty to whom it may concern.....

Aug. 18, 1914—E TWELFTH AVE, 25 N Irving, N 75x E 45. Eugene J. and Mathilda Keller to Charles Coburn.....Aug. 18, 1914

Aug. 18, 1914—N MOHAWK AVE, 145 W Mission W 25x100. Niels Jacobsen to whom it may concern.....Aug. 15, 1914

Aug. 18, 1914—N MOHAWK AVE, 120 W Mission W 25x100. Niels Jacobsen to whom it may concern.....Aug. 15, 1914

Aug. 18, 1914—NW GUERRERO & Cumberland, 39 on Guerrero and 70 on Cumberland. Jacob and Fred Broun to Ratto & Ratto.....

Aug. 18, 1914—W CODMAN PL, 77-6 S Washington, S 20x60. Andrew P. Buhman to whom it may concern.....Aug. 18, 1914

Aug. 19, 1914—N FILBERT, 108-2 W Broderick, — 25-7 N 137-6 E 25-7 S 137-6. Mrs. T. Kleinclauss to N. P. Anderson.....Aug. 15, 1914

Aug. 19, 1914—NE SIXTEENTH and Mission, N 260x E 240. Henry Inv. Co. to MacGruer & Co.....Aug. 14, 1914

Aug. 19, 1914—SE MARKET, 45 SW 2nd, SW 30 SE 41-6 SW 20 SE 43-6

NE 95 N 43-6 SW 45 NW 91-6 Chas. Schlessinger to Ralston Iron Works.....Aug. 19, 1914

Aug. 19, 1914—W FILLMORE 137-6 N Hayes N 30xW 137-6. James West to S. Persson and G. Peterson.....Aug. 15, 1914

Aug. 19, 1914—W BRYANT 100 N 23rd N 30xW 100. Susan C. Mugan to Segurson Bros.....Aug. 17, 1914

Aug. 20, 1914—LOT 34 ASHBURY Terrace, Map of Lyon & Hoag sub Ashbury Terrace. P. H. McCarthy to Robert Glaze.....Aug. 15, 1914

Aug. 20, 1914—SE SUTTER and Jones, S 100x E 72. S. L. M. Starr and L. C. Larsen to Butte Engineering and Electric Company.....

11, 1914. Cramer Bros.....Aug. 11, 1914

Aug. 20, 1914—E VERMONT, 100 N 24th, N 25x E 100. Isaiah M. and Emma Leslie to J. McI. Jarvis.....

Aug. 20, 1914—N CLAY, 130 E Steiner, E 31-3xN 127-8x4. Joseph Sock-

er, 30, 1914—W TWENTY THIRD

oboy to whom it may concern.....

Aug. 19, 1914
Ave, 250 S Lake, W 120xS 25.

Della J. Waage to J. Johnson. Completed.....

Aug. 20, 1914—SW ELLIS and Franklin. The Roman Catholic Archbishop of San Francisco to Frederick W. Snook Co.....Aug. 12, 1914

Aug. 20, 1914—N MISSION between 3rd and 11th. The Roman Catholic Archbishop of San Francisco to California Construction Co.....

Aug. 20, 1914—N WEST CLAY, 95 W 25th Ave, 35 on West Clay by 100.

Julia L. McDavid Preston to Martin Nolan.....Aug. 13, 1914

Aug. 20, 1914—SE SUTTER and Jones, —100x E 72. S. L. M. Starr and L. C. Larsen to Larsen & Larsen.....Aug. 11, 1914

Aug. 21, 1914—NW EDINBURGH, 275 NE France Ave, NE 25xNW 100, portion lot 6, block 39, Excel Hd.

John C. Grant to whom it may concern.....Aug. 20, 1914

Aug. 21, 1914—E NINETEENTH Ave, 25 S California, E 70xS 25, No. 206 19th Ave. Emil Aug.

Schkade and Margaret F. Schkade to whom it may concern.....

Aug. 20, 1914

LIENS FILED.

San Francisco.

Aug. 13, 1914—N MISSION 343-4x W Seventh W 31-7xN 165. Pacific Mfg Co vs Talbot Invst Co and N A McLean.....\$473
Aug. 17, 1914—N MISSION, 243-4x W 7th, W 31-7xN 165. Petersen-James Company vs. Talbot Imp. Co., Neil A. McLean.....\$648
Aug. 17, 1914—N MISSION, 343-4x W 7th W 31-7xN 165. Woods & Huddart vs. Talbot Investment Co. and Neil A. McLean.....\$2,650
Aug. 18, 1914—N MISSION 343-4x W 7th, W 31-5x N 165 E 31-7x S 165. Bay Development Co. vs. Talbot Investment Co. and Neil A. McLean.....\$117.65
Aug. 19, 1914—W EIGHTEENTH Ave, 125 N Clement, N 25xW 130 Elwood L. Walter vs. S. F. Helms and E. N. Lapham.....\$74.80
Aug. 19, 1914—S HAYES, 165 W Laguna, W 25xS 100. A. Lettich vs. F. J. Durham, J. J. and M. E. Silvey.....\$144.10
Aug. 21, 1914—NW LYON AND TONQUIN, W 400 N 250 E 450 S 250. C. W. Withington vs. Panama-Pacific International Exposition Commission, State of New York; Norman E. Mack, Arthur A. McLean, Joseph B. Mayer, Winfield A. Huppch, Jas A. Foley, Thomas H. Cullen, James J. Frawley, Geo. H. Cobb, John F. Murtagh, Thos. H. Bussey, John R. Yale, Geo. H. Whitney, Alfred E. Smith, Daniel D. Frisbie, Frank L. Young, Daniel L. Ryan, Secretary; William Leary, Assistant Secretary; and Neil A. McLean.....\$1416
Aug. 21, 1914—N MISSION, 343-4x W 7th, W 31-7x N 165 E 31-7x S 165. Pope & Talbot vs. Talbot Inv. Co. and Neil A. McLean.....\$2128.65
Aug. 21, 1914—SW LYON AND TONQUIN, N 400 S 250 E 45 W 250. The Paraffine Paint Co. vs. Neil A. McLean, State of New York; Panama-Pacific International Exposition

Commission \$779.80
 Aug. 21, 1914—NW LYON AND TON-
 quin, W 450x250. Pope & Talbot,
 \$11,174.08. Forderer Cornice Wks.,
 \$1,100 vs. Panama-Pacific Exposi-
 tion Commission, State of N. Y.,
 Commission, State of New York,
 Norman E. Mack, Arthur A. Mc-
 Lean, Jas. R. Mayer, Winfield A.
 Huppuch, Jas. A. Foley, Thos. A.
 Cullen, Jas. J. Frawley, Geo. H.
 Cobb, John F. Murtaugh, Thos. H.
 Bussey, John R. Nale, Geo. H.
 Whitney, Alfred E. Smith, Daniel
 D. Frisbie, Frank L. Young, Neil A.
 McLean
 Aug. 12, 1914—N FOURTEENTH 149
 W Center W 80.05 N 25 NE 78.15 E
 60.57, Okd. Hogan Lumber Co vs
 Wallace Clark\$190.11
 Aug. 13, 1914—N FOURTEENTH 90
 W Center W 179 NE 104.2 E 116.57
 S 100, Okd. W P Fuller & Co vs
 Wallace Clark\$197.61
 Aug. 13, 1914—N DURANT AV 453.66
 E Telegraph Ave E 50xN 130, Bkly.
 J J Sullivan vs Sarah S B Reed, E
 A Janssen and J W Gaba.....\$78.25

OAKLAND AND ALAMEDA COUNTY.

FACTORY—1 story and base, rein-
 forced concrete, \$50,000. Emeryville,
 Alameda Co., Cal. Architect, Edward
 W. McManus, Bankers' Investment
 Bldg., S. F. Owners' Marchant Cal-
 culating Machine Co., Syndicate Bldg.,
 Oakland. The building will be erect-
 ed on 4th street near Stanford and
 will cover a considerable ground area.
 Interior finish will be of pine. A
 cement floor will be used. Metal win-
 dows sash and frames are specified.
 exterior will be faced with cement
 plaster. Special machinery to be in-
 stalled will be furnished by the own-
 ers. Plans are being prepared.

FACTORY—1 story and base. Class
 C construction, \$10,000. Berkeley, Al-
 ameda Co., Cal. Architect, none. Own-
 ers, San Francisco Sulphur Co., 624
 California street, S. F. The building
 will be erected on West 7th street
 south of Snyder street. Interior of
 the building will be divided into five
 separate apartments. Interior finish
 will be of pine. A cement floor will
 be used. Special machinery will be
 installed under a separate contract.
 Exterior of the building will be faced
 with cement plaster. Plans are com-
 plete and work will be done by Day
 Labor. Materials are now being pur-
 chased.

RESIDENCE—2 story and base,
 frame, Cost, \$3,500. Oakland, Cal. Ar-
 chitect, none. Owner, Anderson &
 Folwick, 950 73rd avenue, Oakland.
 The dwelling has been designed to con-
 tain seven rooms with baths. Interior
 will be finished in pine with some
 elm panels. Hardwood floors will be
 used in the principal rooms. Baths
 will have tile wainscot and composi-
 tion floors. There will be brick or
 tile mantels. A hot water heater will
 be installed. Exterior of the dwelling
 will be finished with cement plaster.
 The work will be done by Day Labor.

RESIDENCE—2 story and base,
 frame, Cost not stated, Oakland Archi-
 tect, C. W. Dickey, Central Bank Bldg.,
 Oakland, Owner, J. D. Kennedy. The
 dwelling will be erected on Haddon
 Hill in Oakland and has been designed
 to contain in the neighborhood of

eight rooms. Interior will be finished
 in pine and redwood. Hardwood floors
 will be used in the principal rooms.
 Bath will have tile wainscot and com-
 position floors. There will be furnace
 heat and open fireplaces. Brick or
 tile mantels will be specified. Plans
 are nearing completion and figures will
 soon be taken.

AUDITORIUM—2 story and base.
 Class A construction. Oakland, Cal.
 Supervising Architect, J. J. Donovan.
 Oakland. Owners, City of Oakland.
 Bids for elevator and curtain hoists,
 cement finish, finish hardware, marble
 and tiling, painting, seating, lath and
 plastering and electric work were
 opened by the City Council on August
 20th. All bids were referred to the
 Advisory Committee and the City At-
 torney. A complete list of the figures
 submitted will be found under the
 heading of Oakland and Alameda
 County in this issue.

OLD PEOPLE'S HOME—Group of 3
 story brick and concrete buildings,
 \$50,000. Oakland, Cal. Architect, Os-
 car Haupt, Phelan Bldg., S. F. Own-
 ers, California Altenheim. These
 buildings will be erected on property
 adjoining the present Altenheim near
 Fruitvale and will consist of a dining
 hall, dormitories and social hall. In-
 terior will be finished in pine through-
 out. There will be steam heat and hot
 and cold running water. Exteriors
 will be faced with pressed brick and
 cement plaster. Plans are complete
 and figures will be called for shortly.

RESIDENCE — 2 story and base,
 brick and plaster, \$18,000. Piedmont,
 Alameda Co., Cal. Architect, Clinton
 Day, Nevada Bank Bldg., S. F. Owner,
 Mrs. T. L. Barker. The dwelling will
 contain ten rooms, three baths and
 sleeping porch. A garage will be
 erected in the rear. Interior of the
 dwelling will be finished in pine, ma-
 hogany and white enamel. Hardwood
 floors will be used in the living room,
 dining room, library and reception
 hall. Plans provide for a central heat-
 ing system, open fire places and vac-
 uum cleaning. Mantels will be of tile
 or brick. Bath rooms will be finished
 in tile and equipped with showers.
 Exterior of the house and garage will
 be covered with pressed brick and ce-
 ment plaster. Plans are nearly com-
 plete and figures will shortly be called.

Oakland Auditorium Work Is Attractive.

Many Bids Received for Various Parts
 of Work to Complete Big Munic-
 ipal Auditorium.

A number of bids were opened by
 the Oakland City Council on Thursday
 for the elevator and curtain hoists,
 cement finish, marble work and tiling,
 finish hardware, painting, seats, lath
 and plastering and electric work for
 the Oakland Auditorium. Bids were re-
 ferred to the Advisory Board and the
 City Attorney. Following is a com-
 plete list of the bids as opened:

Elevators and Curtain Hoists.
 Van Emon Elevator Co.....\$19,450
 Otis Elevator Co..... 18,250
 Pacific-Gurnsey Co..... 19,265
 Cement Finish.
 Christensen Bros.\$10,687
 McKibben & Taylor 15,400

Marble and Tiling.

C. L. Cummings\$23,375
 Joseph Musto Sons-Keenan Co. 21,285
 Vermont Marble Co..... 26,000

Finish Hardware.

Maxwell Hardware Co.....\$6,000.00
 Pacific Hardware & Steel Co. 6,075.00
 Pierce Hardware Co..... 5,478.67

Painting.

J. Llewellyn Co.\$16,600
 D. Zellinsky 9,800
 Alternate (1) add \$4,400.
 Robert Swan 7,600
 Alternate (1) add \$1,145.
 J. C. Peterson 12,750
 Alternate (1) add \$1,800.

Seating.

C. E. Weber & Co.....\$21,230.62
 Rucker-Fuller Desk Co..... 20,235.64
 Prop. (2) \$24,602.59; Prop. (3) \$27,-
 483.27.

Lath and Plastering.

Bradley & O'Reiley.....\$68,700
 J. C. McLeod..... 72,547
 J. J. Connelly & Son 64,700
 T. D. Sexton 79,685
 William Makin 59,700
 A. Knowles 72,600
 Covall & Williams 75,900

Electric Work.

Newbery-Benheim Elec. Co.....\$38,794
 Pacific Fire Extinguisher Co. 38,500
 H. S. Tittle 36,886
 Kimball Electric Co. 36,450
 La Page-McKinney Co. 32,900
 Butte Eng. & Elect. Co. 39,925
 Electrical Constr' Co. 40,940
 McFell Electric Co. 37,980
 The Turner Co. 39,600

NOTICE OF NON-RESPONSIBILITY.

Aug. 17, 1914—E 18TH AVE, 100 N
 Anza, N 25xE 120. O L 267, Jacob
 Weissbein as to improvements on
 leased property

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
2059	Hinch	Hinch	2500
2060	Woolridge	Woolridge	1100
2061	Jersey Crm'g.	Williams	7000
2063	Bedger	Linfeld	400
2064	Jacob Doss	Doss	400
2066	Postel	Postel	2000
2067	Mariante	Bonds	1200
2070	Simpson	Peterson	3300
2071	Crosby	Nelson	5443
2073	Blackman	Williams	600
2074	Duhem	Brown	1750
2075	Caldwell	Sprague	400
2076	Jensen	Morgansen	1800
2077	Reboul	Uccello	2500
2078	Osgood	Burke	2500
2079	Clark	Smith	2100
2080	Berger	Hopper	3030
2081	Donovan	Mohr	1800
2082	Donovan	Mohr	1800
2083	Donovan	Mohr	1800
2084	Donovan	Mohr	1800
2085	Donovan	Mohr	1800
2086	Mariante	Bonds	1200
2087	Anderson	Geary	2050
2088	Mowry	Sorensen	6696
2089	Attilio	Rainerl	1800
2090	Amienless	Nichols	2500
2091	Pfrang	Pfrang	2000
2092	Hollidge	Hollidge	2500
2093	Murphy	Murphy	2500
2104	Datina	Thomson	2200
2096	Donini	Donini	500
2097	Retts	Jones	450
2098	Wilkinson	Kleuter	400
2109	Robertson	McCarthy	1800
2100	Roberts	Roberts	1800
2101	Warner	Warner	2000
2102	Hughes	Hughes	200
2103	French Bk'g	Peterson	800
2104	Datina	Thomson	2475
2105	S. F. Sulphur	Owner	10000
2106	Berger	Hopper	3000
2107	Henderson	Ingerson	500
2108	Jurgens	McCarthy	500
2110	Ransome	Ransome	2000
2111	Pain	Flittner	1580
2112	Mathewson	Jones	2000
2113	Bellefontaine	Owner	2400

2114 OsgoodBurnett 500
2115 Pac. GasDuncanson 4100
2116 E LAUREL AVE., between

FRAME DWELLING

(2059) E EVERETT AVE., 160 N E-
38th street, Oakland. One-story, five-
room dwelling.

Owner.....Jos. T. Hinch, 1748 Broad-
way, Oakland.
Architect....None.
Day's Work. COST, \$2500

FRAME DWELLING

(2060) N W BROWN AVE and Kansas
street, Oakland. One-story, four-
room dwelling.

Owner.....Perry Woolridge, 3701
Brown Ave., Oakland.
Architect....None.
Day's work COST, \$1100

FRAME CREAMERY

(2061) S THIRTY-SEVENTH ST, 200
W Grove St., Oakland. Two-story
frame creamery.

Owner.....Jersey Milk, Cream and
Butter Co., 695 37th St.,
Oakland.
Architect....None.
Contractor..F. J. Williams, 901 Alice
St., Oakland.
COST, \$7000

ADDITIONS

(2063) 2729 E 8TH ST., Oakland. Ad-
ditions.

Owner.....J. M. Bedburg, premises.
Architect....None.
Contractor..E. H. Linfield, 2427 19th
St., Berkeley.
COST, \$400

REPAIRS

(2064) 2329 BROADWAY, Oakland.
Fire repairs.

Owner.....Andrew A. Jacob, 753 Mar-
ket S. F.
Architect....None.
Contractor..C. A. Doss, 2028 E-15th St.,
Oakland.
COST, \$1000

DWELLING

(2066) N PRINCETON ST., 80 E 54th
avenue, Oakland. One and one-half
story frame dwelling.

Owner.....E. A. C. Postel, 2117 San
Jose avenue, Alameda.
Architect....None.
Day's work COST, \$2000

ALTERATIONS

(2067) 777 21ST ST., Oakland. Altera-
tions.

Owner.....A. L. Mariante, premises.
Architect....None.
Contractor..J. R. Bonds, 871 21st St.,
Oakland.
COST, \$1200

DWELLING

(2070) LOT 33, BLOCK C, Map 4th
Avenue Terrace, Oakland. Two-
story eight-room dwelling.

Owner.....Joseph Dodd Simpson and
Cecelia Simpson, 2022 45th
avenue, Oakland.

Architect....None.
Contractor..Torrence S. Peterson, 6455
Boulevard, Oakland.

Filed Aug. 17, '14. Dated Aug. 14, '14.
Frame up \$500 mortgage and lot 23,
Block O, Fruitvale Boulevard Trct.
Usual 35 days, house and lot at 525
Euchanan St., S. F. subject to in-
cumbrance of \$2,000.
TOTAL COST, \$3500

Bond and Surety, none. Forfeit \$4 a
day. Limit, 90 days. No plans and
specifications filed.

DWELLING AND GARAGE

(2071) LOT 4 and portion lot 5, Map
Lake Shore Ext. Tract. One-story
six-room dwelling and garage.

Owner.....Henry Crosby, 1007 Broad-
way, Oakland.
Architect....John Hudson Thomas, 1st
National Bank Bldg., Ber-
keley.

Contractor..Nelson & Carlson, Berke-
ley.

Filed Aug. 17, '14. Dated Aug. 12, '14.
Frame up\$1310
Brown coated1710
Completed and accepted1410
Usual 35 days1413
TOTAL COST, \$5643

Bond, Surety, Forfeit, none. Limit, 120
days. Plans and specifications filed.

DWELLING

(2072) N BISSELL, 90 W 73rd Ave.,
Oakland. One-story three-room
dwelling.

Owner.....E. L. Blackman, 4159 E-
14th St., Oakland.
Architect....None.

Contractor..E. H. Williams, 37th Ave.,
Oakland.
COST, \$600

DWELLING

(2074) N AGNA VISTA AVE., 460 E-
38th Ave., Oakland. One-story six-
room dwelling.

Owner.....Augusta Duhem, 9821 B
St., Oakland.
Architect....Ivan C. Satterlee, 1170 E-
12th St., Oakland.

Contractor..Tom Brown, 1642 89th
Ave., Oakland.
COST, \$1750

GARAGE

(2075) S TWENTY-FIRST ST., 200
W Harrison, Oakland. One-story,
four-room garage.

Owner.....Dr. W. G. Caldwell.
Architect....None.
Contractor..J. B. Sprague, 516 Harri-
son, Oakland.
COST, \$400

DWELLING

(2076) S SIXTY-FIRST ST., 34 W
Herzog, Oakland. One-story, six-
room dwelling.

Owner.....Emily Jensen, 5877 San
Pablo, Oakland.
Architect....None.

Contractor..Morgansen Bros., 554 63rd
St., Oakland.
COST, \$2500

ALTERATIONS

(2077) 5132 SHATTUCK AVE., Oak-
land. Alterations and additions.

Owner.....Anton Reboli, premises.
Architect....None.
Contractor..D. Uccello, 434 Avon, Oak-
land.
COST, \$2500

DWELLING

(2078) 4323 VIEW ST., Oakland. One
and one-half story, six-room dwell-
ing.

Owner.....Minnie Osgood, 4323 View
St., Oakland.
Architect....None.

Contractor..C. E. Burke, 4152 Randolph
Ave., Oakland.
COST, \$2500

DWELLING

(2079) N BOND AVE., 210 W 51st Ave.,
Oakland. One-story, six-room dwell-
ing.

Owner.....Spencer Z. Clark, 3616
Bryan St., Oakland.
Architect....None.

Contractor..O. G. Smith, 4411 Walnut
Ave., Oakland.
COST, \$2100

DWELLING

(2080) N E-TWENTY-FIRST ST., 205
E 5th Ave., Oakland. Two-story six-
room dwelling.

Owner.....Jesse A. Berger, 741 E-
20th, East Oakland.
Architect....C. H. Miller, Dalziel Bldg.,
Oakland.

Contractor..M. E. Hopper & Sons, 90
Glen Ave., Oakland.
COST, \$3030

DWELLING

(2081) S NORTH ST., 223 E Telegraph,
Oakland. One-story, five-room dwell-
ing.

Owner.....Cornelius Donovan, 527 Al-
catraz Ave., Oakland.
Architect....None.

Contractor..Mohr & Gonsolves.
COST, \$1800

DWELLING

(2082) N NORTH ST., 247 E Telegraph,
Oakland. One-story, five-room dwell-
ing.

Owner.....Cornelius Donovan, 527 Al-
catraz Ave., Oakland.
Architect....None.

Contractor..Mohr & Gonsolves.
COST, \$1800

DWELLING

(2083) N NORTH ST., 287 E Telegraph,
Oakland. One-story, five-room dwell-
ing.

Owner.....Cornelius Donovan, 527 Al-
catraz Ave., Oakland.
Architect....None.

Contractor..Mohr & Gonsolves.
COST, \$1800

DWELLING

(2084) N NORTH ST., 127 E Telegraph,
Oakland. One-story, five-room dwell-
ing.

Owner.....Cornelius Donovan, 527 Al-
catraz Ave., Oakland.
Architect....None.

Contractor..Mohr & Gonsolves.
COST, \$1800

DWELLING

(2085) N NORTH ST., 207 E Telegraph,
Oakland. One-story, five-room dwell-
ing.

Owner.....Cornelius Donovan, 527 Al-
catraz Ave., Oakland.
Architect....None.

Contractor..Mohr & Gonsolves.
COST, \$1800

ALTER FRAME FLATS

(2086) 777 TWENTY-FIRST ST., Oak-
land. Repair two-story frame flats.

Owner.....A. L. Mariante, Oakland.
Architect....None.
Contractor.....J. R. Bonds, 717 Cas-
tro, Oakland.

Filed Aug. 18, '14. Dated Aug. 10, '14.
Labor and materials every Saturday.
Balance on completion.

TOTAL COST, \$1200
Bond, \$1500. Sureties, John T. English
and Tony Klineco. Forfeit, \$1. Limit,
—, Plans and specifications filed.

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DWELLING

(2087) S HARDY, 187-6 W Miles Ave.,
37-6x106, Oakland. One-story, six-
room dwelling.

Owner.....A. P. Anderson, Oakland.
Architect...None.

Contractor...L. G. Geary, 5352 Locksley
Ave., Oakland.

Filed Aug. 18, '14. Dated Aug. 8, '14.

Frame up\$300

Brown coated 500

Completed 500

Usual 35 days 550

TOTAL COST, \$2050

Bond, Sureties, Forfeit, none. Limit,
50 days after Aug. 8. Plans and speci-
fications filed.

FRAME BARN

(2088) PART SURVEY NO. 158, of-
ficial, connected Plat of Ex-Mission
of San Jose, Washington Tp. One-
story frame cow barn and milk and
wash house.

Owner.....Marion L. Mowry, Wash-
ington Tp.

Architect...None.

Contractor...Sorenson Bros., Eden Tp.

Filed Aug. 19, '14. Dated Aug. 18, '14.

Concrete forms filled with concrete

and rough lumber on ground...1/4

Frame up1/4

Completed and accepted1/4

Usual 35 days1/4

TOTAL COST, \$8698

Bond, Sureties, Forfeit, none Limit, 75
days. Plans and specifications filed.

DWELLING

(2089) E MARKET, 50 S 43rd, Oak-
land. One-story, four-room dwelling.

Owner.....Moisi Attilio, 1959 Taylor,
San Francisco.

Architect...None.

Contractor...D. Raineri, 872 43rd, Oak-
land.

COST, \$1800

STORE

(2090) N TWENTIETH ST., 120 E
San Pablo. One-story, four-room
store.

Owner.....N. P. D. Amianless, 632
20th, Oakland.

Architect...None.

Contractor...Leo L. Nichols, First Trust
Bldg., Oakland.

COST, \$2500

DWELLING

(2091) N ROSE, 140 W Colby, Oak-
land. One-story, five-room dwelling.

Owner.....C. J. Pfarr, Hudson and
Claremont, Oakland.

Architect...None.

Day's work. **COST, \$2000**

DWELLING

(2092) N MANILA, 250 E College,
Oakland. One-story, five-room dwel-
ling.

Owner.....Geo. H. Hollidge, 5745
Claremont, Oakland.

Architect...None.

Day's work. **COST, \$2500**

DWELLING

(2093) S CLIFTON, 120 S Manila, Oak-
land. One-story five-room dwelling.

Owner.....J. E. Murphy, 1823 Grove,
Oakland.

Architect...None.

Day's work. **COST, \$2200**

DWELLING

(2095) S SIXTY-SIXTH ST., W Maple,
Oakland. One-story, four-room
dwelling.

Owner.....R. Mitchell, 1092 66th St.,
Oakland.

Architect...None.

Day's work. **COST, \$800**

DWELLING

(2096) E LAWTON, 180 N Cavour,
Oakland. One-story, three-room
dwelling.

Owner.....P. Donini, 3168 Miles Ave.,
Oakland.

Architect...None.

Day's work. **COST, \$500**

ADDITIONS

(2097) 662 AILEEN, Oakland. Addi-
tion.

Owner.....J. Betts, premises.

Architect...None.

Contractor...Jones Bros., 863 35th St.,
Oakland.

COST, \$450

GARAGE

(2098) 801 LERIDA AVE., Oakland.
Reinforced concrete garage.

Owner.....A. E. Wilkinson, premises.

Architect...None.

Contractor...Adolph Klueber, 2011 Yolo
Ave., Berkeley.

COST, \$100

DWELLING

(2099) N PEDESTRIAN WAY, 90 E
Claremont, Oakland. One-story, 4-
room dwelling.

Owner.....F. T. Butler, 5320 Manila
Ave., Oakland.

Architect...None.

Day's work. **COST, \$1600**

DWELLING

(2100) E BROADWAY, 170 S Prospect,
Oakland. One-story, 5-room dwlg.

Owner.....E. J. Roberts, 1394 Ma-
sonic Ave., S. F.

Architect...None.

Day's work. **COST, \$1800**

DWELLING

(2101) E ROSEDALE, 130 S Carring-
ton, Oakland. One-story, five-room
dwelling.

Owner.....S. A. Warner, 1350 E-27th
St., Oakland.

Architect...None.

Day's work. **COST, \$2000**

(2102) W DIAMOND, 40 N Butler, Oakland. One-story, five-room dwlg. Owner.....E. M. Hughes, 635 36th St., Oakland.
Architect....None.
Day's work. COST, \$2000

OVEN
(2103) 515 CLAY, Oakland. Brick oven.
Owner.....French Bakeries Co., premises.
Architect....None.
Contractor..Peterson Oven Co., 508 Pacific Bldg., S. F.
COST, \$800

ALTERATIONS
(2104) 1447 BROADWAY, Oakland. Alterations.
Owner.....Geo. Datina, premises.
Architect....None.
Contractor..Alex. Thomas, 2766 Grove, Oakland.
COST, \$2475

CLASS C FACTORY
(2105) W SEVENTH, 159 S Snyder, Oakland. One-story, five-room class C factory.
Owner.....S. F. Sulphur Co., 524 California St., S. F.
Architect....None.
Day's work. COST, \$10,000

FRAME DWELLING
(2106) PT 205 FROM NE COR FIFTH Ave. and E-21 street, SE 40 NE 150. Oakland. Two-story frame dwlg.
Owner.....Jesse A. Berger, 744 E-20th, East Oakland.
Architect....C. H. Miller, Dalziel Bldg., Oakland.
Contractor..M. E. Hopper & Son 90 Glenn Ave., Oakland.
Filed Aug. 20, '14. Dated Aug. 13, '14.
Frame up 1/4
Plastered 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$4000
Bond, Sureties, Forfeit, none. Limit, 90 days after August 17. Plans and specifications filed.

REPAIRS
(2107) SE LAKE SHORE and E-19th St., Oakland. Fire repairs to two frame apartments.
Owner.....M. F. Henderson, Portland, Oregon.
Architect....L. M. Gardiner, Phelan Bldg., S. F.
Contractor..C. A. Ingerson, 288 Lester Ave., Oakland.
COST, \$3000

REPAIRS
(2109) 4909 TELEGRAPH, Oakland. Alterations and repairs.
Owner.....Chas. Jurgens, 904 Adeline, Oakland.
Architect....None.
Contractor..Wm. McCarty, 19th and Telegraph, Oakland.
COST, \$500

REPAIRS
(2110) COR. TWENTY-EIGHTH and Poplar, Oakland. Fire repairs.
Owner.....Ransome-Crummey Co., Syndicate Bldg., Oakland.
Architect....None.
Day's work. COST, \$2000

DWELLING
(2111) SE NINETY-SIX AVE., and

Birch, Oakland. One-story, 5-room dwelling.
Owner.....R. B. Bain Co., 3320 E-11th St., Oakland.
Architect....None.
Contractor..Jos. Filtner, 1700 35th Ave., Oakland.
COST, \$1580

ALTERATIONS
(2112) W BROADWAY, 200 N 20th, Oakland. Alterations.
Owner.....Mathewson Motor Car Co., 12th and Jackson, Okd.
Architect....None.
Contractor..F. G. Jones, 1217 Webster, Oakland.
COST, \$1400

DWELLING
(2113) NW SIXTY-EIGHTH AVE. and Flora, Oakland. One-story 6-room dwelling.
Owner.....Mrs. H. Bellefontaine, 2511 Lincoln Ave., Alameda.
Architect....None.
Contractor..A. J. Bellefontaine, 6712 Flora, Oakland.
COST, \$2400

ALTERATIONS
(2114) 680 THIRTY-FIFTH, Oakland. Alterations.
Owner..Mrs. N. A. Osgood, 680 35th St., Oakland.
Architect....None.
Contractor..C. H. and W. R. Burnett, 863 32nd St., Oakland.
COST, \$300

DRIVE PILES
(2115) E MARKET and equal distant at right angles 80 from SE 1st. E 350 S 300 W 300 N to pt of beginning. Oakland. Remove lampblack and drive 120 piles.
Owner.....Pacific Gas and Electric Co., 13th and Clay, Okd.
Architect....None.
Contractor..Duncanson-Harrelson Co., Inc., Chronicle Bldg., S. F.
Filed Aug. 25, '14. Dated Aug. 17, '14.
Completed 75%
Usual 35 days 25%
TOTAL COST, \$4400
Bond, \$2200. Surety, Massachusetts Bonding and Insurance Co. Forfeit, none. Limit, none. Plans only filed.

DWELLING
(2116) E LAUREL AVE., between Florida and Kansas, Oakland. One and one-half story frame dwelling.
Owner.....John Iverson, Fort Williams.
Architect....None.
Contractor..E. M. Williamson, Okd.
Filed Aug. 23, '14. Dated Aug. 21, '14.
Concrete walls up and lumber on ground 1/4
Roof on 1/4
Completed 1/4
Usual 35 days 1/4
TOTAL COST, \$1800
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.				
No.	Owner	Contractor	Amt.	
2062	Martin	Martin	4000	
2065	Judson	Judson	1200	
2068	Reid	Larmer	2140	
2069	Anderson	Folwick	3500	
2072	Martin	Masten	1900	
2094	Elston	Nelson	1599	
2108	Garrison	Holmes	3000	

DWELLING
(2062) E ELROY, 150 S Buena Vista, Berkeley. Two-story, ten-room dwelling.
Owner.....Mrs. M. E. Martin, 2801 Stuart St., Berkeley.
Architect....W. J. Wright, San Joaquin Valley Bank Bldg., Stockton.
Contractor..B. P. Martin, 2801 Stuart St., Berkeley.
COST, \$4000

FACTORIES
(2065) S GRAYSON, 250 W 5th St., Berkeley. Two one-story corrugated iron factories.
Owner.....Judson Paint and Grinding Co., 4th and Grayson, Berkeley.
Architect....None.
Day's work. COST, \$1200

STORES
(2068) NE FAIRVIEW and California, Berkeley. One-story two-room store.
Owner.....H. M. Reid, 3139 California St., Berkeley.
Architect....None.
Contractor..Edw. Larmer, 470 Boulevard Way, Oakland.
COST, \$2140

(2069) E VERMONT, 253 S Fairbanks avenue, Berkeley. Two-story seven-room dwelling.
Owner.....Anderson & Folwick, 950 73rd avenue, Berkeley.
Architect....None.
Day's work. COST, \$3500

DWELLING
(2072) W ELLIS, 150 S Russell, Berkeley. One and one-half story five-room dwelling.
Owner.....A. Martin, 2910 Ellis, Berkeley.
Architect....None.
Contractor..V. E. Masten, 826 Milton, Berkeley.
COST, \$1900

EXCAVATING FOR THEATRE
(2094) S DURANT AVE., 110 E Telegraph Ave. E 40xN 130. Berkeley. All work of excavating, grading, removal of brick foundations and other concrete piers and forms for one-story class C theatre.
Owner.....J. A. Elston, 2331 Bowditch, Berk., and George Clark, 948 Market, S. F.
Architect....W. H. Ratcliff, Jr., First Nat'l Bk. Bldg., Berk.
Contractor..F. E. Nelson, 3090 King, Berkeley.
Filed Aug. 20, '14. Dated Aug. 19, '14.
7th and 22nd each month..... 75%
Usual 35 days 35%
TOTAL COST, \$1599
Bond, \$799.50. Surety, U. S. Fidelity and Guaranty Co. Forfeit, \$10. Limit, 12 days. Plans and specifications filed.

DWELLING
(2108) N MARIN AVE., 90 W The Alameda, Berkeley. One and one-half story, 7-room dwelling.
Owner.....Noel H. Garrison, Stockton High School.
Architect....None.
Contractor..A. S. Holmes, 902 Curtis, Berkeley.
COST, \$3000

NOTICE OF NON-RESPONSIBILITY.

Aug. 17, 1914—LOT 46, Map 4, Avenue Court, Alta Piedmont Land Co., Oakland

COMPLETION NOTICES.

Alameda.

Aug. 14, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to R Dalziel Jr.....Aug. 12, 1914
 Aug. 17, 1914—W DOVER, 110 S 52nd S 211.82 W 230.19 NW 225.82 E 307.61, Oakland. The Baby Hospital Association to F. E. Allen.....
 Aug. 17, 1914—N W 12th and Grove, 112x50, Oakland. The Brugiere Co. to W & J Sloan.....Aug. —
 Aug. 17, 1914—N W 12TH & GROVE, 112x50, Oakland. The Bruguiere Co. to C. L. Cummins; Wm. H. Bertsch; Thos. Day Co.; Maxwell Hardware Co.....Aug. 12, 1914
 Aug. 17, 1914—E GRANT, 30 S Berkeley Way, 888.86 S 30.93 W 91 N 31, Berkeley. E. A. Janssen to whom it may concern. June 15, 1914
 Aug. 17, 1914—NW OAK & ALAMEDA Ave, 50x100, Alameda. Mrs. H. C. Bennett to I. W. Button.....
 Aug. 15, 1914—Aug. 15, 1914
 Aug. 17, 1914—125 FT IN REAR NO. 38 Monte Vista Ave., Oakland. Peter De Vincenzi to G. W. Brown & P. ShuesonAug. 17, 1914
 Aug. 18, 1914—NW TWELFTH AND Grove, 112x50, Oakland. The Bruguiere Co. to Stobbe & Romak.....
 Aug. 12, 1914
 Aug. 18, 1914—N 60 LOT 5, BLK 2-1850, Kearny Tract, Berkeley. Florence G. McKibben to Jacob HouseAug. 17, 1914
 Aug. 18, 1914—LOTS 7 AND 8, Blake Tract No. 3, Berkeley. Frank M. Wilson and John Muldoon to A. J. WebbAug. 8, 1914
 Aug. 18, 1914—LOT 14, BLK. M, Map Northbrae Terrace, Berkeley. Berkeley Development Co to whom it may concernAug. 15, 1914
 Aug. 18, 1914—LOT 11, except 5 ft, Blk 1, Map Grove St. Line Tract, Berkeley. C. H. and D. W. Patterson to whom it may concern.....
 Aug. 17, 1914
 Aug. 18, 1914—LOT 20, BLK 1, Cragmont, Berkeley. J. U. and Alpha A. De Roca to F. R. Peake Co.....
 Aug. 18, 1914—Aug. 18, 1914
 Aug. 19, 1914—E TELEGRAPH and W Broadway, N 108.83 NW 36.86 S 104 SE 87.0, Oakland. Federal Realty Co. to Arthur Arlett.....
 July 9, 1914
 Aug. 19, 1914—N FAIRVIEW AVE, 240 E High, 40x120, Alameda. F. N. Strang to whom it may concernAug. 12, 1914
 Aug. 19, 1914—N FAIRVIEW AVE., 280 E High, 40x120, Alameda. F. N. Strang to whom it may concern.....
 Aug. 12, 1914
 Aug. 20, 1914—NE ELEVENTH and Franklin, Oakland. Mrs. Barbara Streit to S. F. Elevator Co.....
 Aug. 18, 1914
 Aug. 20, 1914—LOT 28, BLK 2, Berkeley Heights Tract, Berkeley. George L. Bell to G. R. Whidden.....
 Aug. 3, 1914
 Aug. 20, 1914—LOT 13, BLK B, Map Golden Gate Homestead, Berkeley. Fred W. and Ida E. Knipschild to H. E. Sullivan.....Aug. 20, 1914
 Aug. 21, 1914—LOT 2-A, ROYD Place, Berkeley. P. O. Boyd to Ernsberger & Dilline.....Aug. 21, 1914
 Aug. 21, 1914—LOT 5 AND E 10 LOT 6, Blk 11, Map Thousand Oaks, Oakland Tm. Patrick-Nelson Bldg. Co. to whom it may concern.....
 Aug. 21, 1914

LIENS FILED.

ALAMEDA COUNTY.

Aug. 15, 1914—LOT 28 Map A J Snyder's Piedmont Terrace-by-the-Lake, Okd. Hogan Lumber Co vs Fred Peters and Louis Bernstein\$707.06
 Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-63E 100, Oakland. Hogan Lumber Co. vs. Ernest Andersen and Barbara Streit...\$2398.69
 Aug. 20, 1914—NW GRAND and Elwood Ave., W 109.03 NE 34.33 SW 105.85 S 43.06, Oakland. Atkinson Mill and Mfg. Co. vs. Louis Bernstein and Fred Peters...\$442.80

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUILDING AND MACADAMIZING roads. Cost not stated. Mt. Veeder, Napa Co., Cal. Engineer, County Surveyor, Napa. Owner, Napa County. Bids will be opened here on September 10th for the building and macadamizing of roads of Mt. Veeder and Redwood Permanent Road District No. 2, Sections A, B and C, Napa County. Further particulars can be had from the County Clerk's office at Napa, where plans are on file.

GRADING AND ASPHALT PAVING—Cost not stated. Rio Vista, Solano Co., Cal. Engineer, Town Engineer, Rio Vista. Owner, Town of Rio Vista. Bids will be received here on August 27th for the grading, paving, curbing and the laying of corrugated iron culverts with manholes, on Front, First and Seventh streets. Plans and full particulars may be obtained from the Town Clerk's office at Rio Vista.

CHAMBERS COTTAGE—Frame and concrete. Cost not stated. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the Chambers Cottage to be erected at the Napa State Hospital and plans are now out for figures. Bids will be opened on September 21st at 12 o'clock. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Architect, Sacramento.

LAVATORIES FOR SCHOOL—Cost not stated. Richmond, Contra Costa Co., Cal. Architect's name not given. Owners, City of Richmond. Bids will be opened on August 28th by the Board of Education for furnishing and installing lavatories in the Lincoln School. Plans and specifications, together with full particulars, can be secured from the secretary of the Board of Education at Richmond. The contract is the largest for this kind of work let in Richmond in some time.

SCHOOL—2 story and base, brick, \$35,000. Sonoma, Sonoma Co., Cal. Architect, A. C. Lutgens, 525 Market st., S. F. Owners, Sonoma School District. Bids opened for this work show P. H. Ingraham low at \$28,112. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

PASSENGER AND FREIGHT DEPOT—Frame and plaster construction, \$18,000. Richmond, Contra Costa Co., Cal. Architect, Architectural Dept. Southern Pacific Co., Flood Bldg., S. F.

Owners, Southern Pacific Co. Plans have been prepared for a new freight and passenger station to be erected at Richmond. The passenger station will be a Mission style structure costing in the neighborhood of \$6,000 while about \$12,000 will be expended for the freight depot. The balance of \$30,000 will be used in extensions to the company's yards. Exterior of both the freight and passenger stations will be covered with cement plaster. Plans are only awaiting the approval of the State Railroad Commission before construction will be started.

Contracts Awarded.

SCHOOL—2 story and base, brick, \$30,000. Sonoma Sonoma Co., Cal. Architect, A. C. Lutgens, 525 Market street, S. F. Owners, Sonoma School District. Contractor, R. H. Ingraham, Martinez. Contract price, \$28,500.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

BRICK THEATRE
PORTION BLK 337, Town of Martinez. Excavating, concrete, brick, iron, steam, carpenter, tin, marble, mill work, roofing, etc., for one-story brick theatre building.

Owner.....Cornelia Gray, Oakland.
 Architect.....W. H. Crim, Jr., 425 Kearny, S. F.

Contractor.....Karl M. Neilson, Martinez.
 Filed Aug. 15, '14. Dated July 30, '14.

When brick work is up under side of ceiling joists.....\$1913

When brown coat of plaster is on exterior and interior... 1913

Completed and accepted 1913

Usual 35 days after 1914

TOTAL COST, \$7,653

Bond, \$3900. Surety, Pacific Coast Casualty Co. Forfeit, \$5 per day. Limit, 50 working days. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

Aug. 21, 1914—SITUATE IN POINT Reyes, Marin Co. Roman Catholic Archbishop of S. F. to J. E. Cavanagh of Petaluma.....Aug. 12, 1914

SAN JOSE AND THE SANTA CLARA VALLEY,

frame, Cost, \$7,500. Burlingame, San Mateo Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owner, J. H. Hatch. The dwelling has been designed to contain eight rooms, bath and sleeping porch. Interior will be finished in pine with some elm panels. Brick mantels are specified. Baths will be finished in tile. There will be a hot water heating system. Hardwood floors will be used in the principal rooms. Exterior will be covered with resawed rustic. Plans are now being prepared.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans have been completed for a reinforced concrete road bridge to be erected over Adobe Creek at Edith avenue. Bids are now being taken for the work and will be opened on September 8th at 11 a. m. Plans and specifications can be secured from the County Clerk.

HIGHWAY LIGHTING—Cost not stated. Santa Clara Co., Cal. Engineer, County Engineer, San Jose. Owner, Santa Clara County. Bids will be received here on September 8th for the highway lighting of the Willow Glen Lighting District. Plans are on file at the County Clerk's office at San Jose.

HOTEL AND BAKERY—2 story, frame. Cost not stated. San Bruno, San Mateo Co., Cal. Architect, John I. Foley, 46 Kearny street, S. F. Owner, Mr. Sullivan. The building will cover an area of 65 by 130 feet. The entire first floor will be occupied by the bakery. Upper floors will contain 12 rooms and bath. Interior will be finished in pine and redwood. There will be plate glass display windows. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

COTTAGES—Frame and concrete. Cost not stated. Agnews, Santa Clara Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids will be opened in Sacramento on September 23rd for constructing temporary cottages at the Agnews State Hospital. An official proposal appears in another column of this issue. Plans and specifications can be secured from the State Architect at Sacramento.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

REPAIRS
322 SEVENTH, San Jose. Repairs and remodeling.
Owner.....Dr. Gibson.
Architect.....None.
Contractor.....G. Rasmussen, 58 W Santa Clara, San Jose.
COST, \$400

REMODELING
188 SECOND, San Jose. Remodeling.
Owner.....Miss Irskeep, premises.
Architect.....None.
Contractor.....C. A. Thomas, 692 N San Pedro, San Jose.
COST, \$1500

BUILDING CONTRACTS.

SAN MATEO COUNTY.

FRAME RESIDENCE
LOT NO. 3, BLK NO. 3, Burlingame, All work for one and one-half story frame residence with wine cellar, laundry, sun room, pergola, etc.
Owner.....Geo. Campe.
Designer.....K. S. Koller.
Contractor.....No name given.
Filed Aug. 15, '14. Dated
No payments given.

TOTAL COST, —
Bond, Surety, Forfeit, Limit, none.
Plans and specifications filed.

FRAME COTTAGE
LOT 9, BLK "H," San Mateo Heights, San Mateo. All work except the painting and electrical work for five-room cottage.
Owner.....C. A. Blackford, San Mateo.
Architect.....Wm. Gibson.
Contractor.....F. H. Boring, San Mateo.
Filed Aug. 15, '14. Dated Aug. 13, '14.
Frame up\$150
Plastering done 450
Accepted 450
Usual 35 days 450
TOTAL COST, \$1800

Bond, Surety, Forfeit, none. Limit, 60 days. Plans and specifications filed.

PLUMBING FOR RESIDENCE

"CAROLANS," portion of lot 4 of partition map of San Mateo Rancho, Hillsboro. Plumbing for residence.
Owner.....Francis Carolan, Hillsboro.

Architect.....E. Sanson, Paris, France.
Structural Designers.....Willis Polk & Co., Merchants Ex. Bldg., San Francisco.
Contractor.....Wm. F. Wilson Company, 330 Mason, S. F.
Filed Aug. 18, '14. Dated Aug. 14, '14.
On 15th of each month.....75%
Usual 35 days25%
TOTAL COST, \$12,699

Bond, \$6,850. Surety, New England Casualty Co. Forfeit \$15 per day. Limit, Feb. 1, 1915. Plans and specifications filed.

LOW PRESSURE VAPOR STEAM heating on above.

Contractor.....Mangrum & Otter, 561 Mission, S. F.
Filed Aug. 18, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$7686
Bond, \$3,850. Surety, National Surety Co. of New York. Forfeit, \$10 per day. Limit, Feb. 1, 1915. Plans and specifications filed.

ELECTRIC WIRING on above.

Contractor.....McFell Electric Co., Merchants' Ex. Bldg., S. F.
Filed Aug. 18, '14. Dated Aug. 14, '14.
Payments same as above.

TOTAL COST, \$5,490
Bond, \$2,750. Surety, Massachusetts Bonding and Insurance Company. Forfeit \$10 per day. Limit, Feb. 1, 1915. Plans and specifications filed.

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Aug. 15, 1914—LOTS 22 AND 23, BLK 3, Map No. 2 of Stafford Park, Menlo Park. Gray-Thorning Lumber Company vs. R. J. White, Menlo Realty Company and Thomas Danforth Boardman.....\$26.60
Aug. 18, 1914—LOT 31 in block 6, Crocker Tract. S. Chervin vs. F. John Boullard\$39.40

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

COLONY WORK—Concrete construction. Cost not stated. Atascadero Colony, San Luis Obispo Co., Cal. Architects, Bliss & Paville, Balboa Bldg., S. F. Owners, Atascadero Colony, Mutual Bank Bldg., S. F. An announcement has been made by the managers of the Atascadero Colony, San Luis Obispo County to the effect that in the future all building operations will be carried on by contract instead of Day Labor. Architects Bliss & Paville, have working drawings for a number of important buildings under way and figures will be called for shortly.

EXHIBIT BUILDING—1 story, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owner, Fresno County. Plans are complete and in the hands of D. M. Barnwell of Fresno for a one-story building to be erected at the County

and grounds to house the cattle of the exhibit. Bids are now being taken on the work and will be opened on September 8th. Plans and specifications can be secured from Mr. Barnwell.

RESIDENCE—2 story and base, brick and concrete, \$12,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, O. J. Woodward. The dwelling has been designed for a ten room house with two baths and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile floors and wainscot will be used in the two rooms. There will be an automatic water heater. Exterior of the house will be faced with pressed brick. Plans are being prepared.

SCHOOL—2 story and base, brick, \$96,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, City of Fresno. Plans are now being prepared, under the direction of Supervising Architect W. D. Coates, for the Washington School. The building will be erected on Main street and will contain twelve class rooms, assembly hall, domestic science and manual training departments. Interior will be finished in pine with maple floors in the class rooms. There will be steam heat, oil burning system, vacuum cleaning, program clocks and modern school plumbing. Exterior of the building will probably be faced with pressed brick. Only preliminary plans have been prepared. Further mention will be made of the work.

SCHOOL—2 story and base, brick, \$45,000. Lindsay, Tulare Co., Cal. Architect, F. W. Griffin, Porterville. Owners, Lindsay School District. Architect F. W. Griffin wires that bids opened for the construction of the new school building to be erected at Lindsay ran from \$42,000 to \$61,000. Also that the Board of Education is unable to award contract as no funds are available, bonds of the district not having been sold. Mr. Griffin promises further information as soon as definite action is taken.

ORNAMENTAL STREET LIGHTS—\$45,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has ordered that new figures be called for on the ornamental street lighting system to be installed. A contract was awarded to Ne-Page-McKinney Co. of Seattle for \$15,600, but has been declared void as the company did not start the work within the time specified. Bids will be taken at once.

LIBRARY—1 story frame and plaster, \$7,000. Clovis, Fresno Co., Cal. Architects, Glass and Butler, Rowell Bldg., Fresno. Owners, Town of Clovis. The building will be erected on Pollasky avenue between 3rd and 4th streets and has been designed in the classic style. There will be one large main reading room, office of the librarian, stack and work room. Interior will be finished in pine throughout. Maple floor will be used in the reading room. A central heating system will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures will be opened on September 8th.

SCHOOL—2 story and base, brick, \$55,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hetchkins & Swartz, Rowell Bldg., Fresno. Owners, City of Fresno. Working drawings for the new building to be erected on Hazelwood avenue have been completed and approved by the Board of Education. The building will contain twelve class rooms, assembly hall and departments for domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, oil burning equipment, vacuum cleaning and program clocks. Slate black boards will be used. Exterior of the building will be faced with pressed brick. Bids are now being taken and will be opened on September 18th.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
Aug. 17, 1914—LOTS 29 to 32, Blk 75, Fresno, Granz Estate to Emmett RigginsAug. 15, 1914

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

TRENCHING AND PIPE LAYING—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owner, City of Grass Valley. Bids will be opened here on August 26th for the trenching and laying of sewer pipe and constructing manholes. Complete particulars and plans can be secured from the City Engineer at Grass Valley.

TRENCHING AND PIPE LAYING—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids will be received here on August 26th for the trenching, removing old pipe and laying new six inch cast iron pipe in the City of Grass Valley. Plans may be secured at the City Clerk's office.

TRENCHING AND LAYING CAST IRON WATER PIPE—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids for the trenching and laying of cast iron pipe will be received here August 26th. Further particulars may be obtained from the City Clerk's office.

PIPE SEWER—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids for the furnishing of 1220 feet of six inch vitrified salt glazed sewer pipe, 22-6x4 1/2 branches, 1 cast iron manhole cover and 1 cast iron lamp hole cover. Plans and full particulars can be had by addressing the City Clerk's office at Grass Valley.

CAST IRON PIPE AND VALVES—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owners, City of Grass Valley. Bids will be received on August 26th for the furnishing of 1050 feet six-inch cast iron pipe in six foot length, 5-6x4 inch C. 1, T. branches, 2-6 brass mounted gate valves, 1-4 inch brass mounted gate valve, 1 6x4 inch reducer weight 90, bell at each end and 500 pounds of pig lead. Further particulars and plans may be had from the City Clerk at Grass Valley.

RESIDENCES—3 1 story frames. Cost not stated. Sacramento, Cal. Ar-

chitect, none. The following Day Labor jobs are reported as about to be started in Sacramento: Jas. J. Jennings, 719 J St., Sacramento, 1 story, five room, frame, \$1400; J. W. Nace, 4303 Rose St., Sacramento, 1 story, frame, \$950; A. McClelland, 620 J St., Sacramento, repair and finish five room dwelling, cost \$750.

HOTEL AND RESORT—11 buildings, log construction. Cost not stated. Blairsden, Plumas Co., Cal. Architect, Frederick Whitten, 251 Kearny street, S. F. Owners, Interstate Resort Co. The principal of these buildings will be a two-story hotel structure, containing lobby, social rooms, dining rooms, complete kitchen equipment and about 30 guest rooms. There will be ten cottages of from three to ten rooms. Interior of all buildings will be finished in the rustic style. There will be steam heat. Hot and cold running water will be supplied to all cottages. Exteriors will be covered with logs and rustic. A large reinforced concrete swimming tank will also be installed. Plans are complete and figures are being taken.

STATE INSTITUTIONS—\$146,958 California. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. In the neighborhood of \$146,958 will shortly be expended by the State of California in improvements at the various state institutions. This amount has been divided as follows: Agnew State Hospital, \$33,977; California School for Girls at Ventura, \$85,000; Sonoma State Hospital, \$2,500; Napa State Hospital, \$2,820; Stockton State Hospital, \$18,940; State Capitol Building, \$3,200, and San Quentin state Prison, \$521. All work will be handled through the State Department of Engineering.

SCHOOL ADDITION—2 rooms, frame. Cost not stated. Sutter City, Sutter Co., Cal. Architect, E. C. Kenyon, 3330 J Street, Sacramento. Owners, Sutter City School District. The two rooms will be added to the present frame and plaster building. Interior finish will be of pine. There will be maple floors and composition blackboards. Exterior of the new portion of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on September 5th.

Bids Opened For Sonoma School.

Five Bids Opened for Construction of Brick School Designed by Architect Lutgens.

Five sets of figures were opened by the Board of Education at Sonoma for constructing the Sonoma High School, a one and two story brick building, costing in the neighborhood of \$30,000. Architect Lutgens, Underwood Bldg., San Francisco, designed the work. P. H. Ingraham submitted the low figure at \$28,142. Following is a complete list of the figures as opened:

Sonoma School.

Harvey A. Klyce	\$31,770
J. O. Kuykendall	30,850
L. J. L. Daly & Burke	29,984
P. H. Ingraham	28,142
Stockholm & Allyn	32,488

The bid of P. H. Ingraham is within the amount available and a contract will probably be awarded.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

FRAME RESIDENCE

3108 S, on LOT 2, T Street Court, Sacramento. Five-room dwelling. Owner.....J. H. Laine, 2606 Crocker Ave., Sacramento.

Architect.....None.

Contractor.....Hunt Bros., 2926 S, Sacramento.

COST, \$1900

FRAME RESIDENCE

NO. 2417 C, E 1/2 Lot 2, V-W, 23-24, Sacramento. six-room dwelling.

Owner.....A. J. Sullivan, 2417 C, Sacramento.

Architect.....None.

Contractor.....W. D. McKay, 3129 F, Sacramento.

COST, \$3000

REMODEL STORE

NO. 515 K, Sacramento. Remodel store front and place show case in front and on sides.

Owner.....Baron-Fulong Co., 515 K, Sacramento.

Architect.....None.

Contractor.....Capital Furniture Mfg., Co., 616 J, Sacramento.

COST, \$600

CONCRETE MORGUE

UPPER STOCKTON ROAD, Sacramento. Erect free concrete morgue building.

Owner.....County of Sacramento, County Court House, Sacramento.

Architect.....None.

Contractor.....G. B. Stahl, Colonial Heights, Sacramento.

COST, \$1063

PAINT SHOP

NO. 2019 O, N 80 ft of E 1/2 of lot 6, N-O, 21-22, Sacramento. Paint shop.

Owner.....Robert F. Charleville, 2019 O, Sacramento.

Architect.....None.

Contractor.....Murcell & Haley, Oschner Bldg., Sacramento.

COST, \$2450

WHARF AND APPROACHES

ALL WORK construction of wharf and approaches nr Y street, Sacramento.

Owner.....Associated Oil Co., foot of O street, Sacramento.

Architect.....None.

Contractor.....Jenkins & Wells, 36th corner of Y, Sacramento.

Filed Aug. 14, '14. Dated Aug. 1, '14.

COST, \$2235

WHARF AND APPROACHES

ALL WORK construction of wharf and approaches nr Y street, Sacramento.

Owner.....Associated Oil Co., foot of O street, Sacramento.

Architect.....None.

Contractor.....Jenkins & Wells, 36th corner of Y, Sacramento.

Filed Aug. 14, '14. Dated Aug. 1, '14.

COST, \$2235

FRAME RESIDENCE

2115 CYPRESS AVE., LOT 13, BLK 47, South Sacramento. Five-room dwlg.

Owner.....Joe F. Silva, 2917 Stockton Road.

Architect.....None.

Contractor.....H. A. W. Lindgreen.

COST, \$1500

FRAME PORCH
LOT 35-A OF THE Naglee-Burk Tract, Fuller Ave.,
 Sacramento, Build Porch.
 Owner.....Mrs. L. B. Greel, 102
 Cherry Ave., Sacramento.
 Architect.....None.
 Contractor.....J. Shields, Fuller Ave.,
 Sacramento.

COST, \$650

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

SCHOOL
LOT 35-A of the Naglee-Burk Tract, San Joaquin County. All work on a one-room school building and tank house and toilets.

Owner.....Naglee School District,
 Tulare Tp., San Joaquin
 County. (Daniel Bagley,
 Sr., L. D. Crow and Mrs.
 J. D. Fossagate, Trustees.)
 Architect.....W. B. Thomas, Rm. 423
 Yosemite Bldg., Stockton.
 Contractor.....George Ross Shannon,
 Stockton.

Let Aug. 17, '14. Dated Aug. 13, '14.
 Ready for plastering\$1000
 Plastering and exterior wood-
 work completed 658
 All Bldgs. completed and ac-
 cepted by Supt. 658
 Total 35 days 772

TOTAL COST, \$3088

and, \$1544. Surety, \$10. Amsterdam
 Surety Co. Forfeit, \$10. Limit,
 40 working days. Plans and specifica-
 tions filed.

SAN ANGELES AND SOUTH- ERN CALIFORNIA.

CONSTRUCTION WAGON ROAD—
 not stated. Santa Barbara, Santa
 Barbara Co., Cal. Engineer, County
 Surveyor, Santa Barbara. Owners,
 Santa Barbara County. Bids will be
 opened here by the Board of Super-
 vision of a wagon road in the
 1st Road District in Santa Barbara
 County. Further particulars and
 plans may be had from the County
 Engineer's office at Santa Barbara.

GRADING AND PAVING—Cost not
 stated. Santa Barbara, Santa Bar-
 bara Co., Cal. Engineer, County Sur-
 veyor, Santa Barbara. Owners, Santa
 Barbara County. Bids will be opened
 on September 8th for the grading
 and paving of approximately 6630 feet
 of the Santa Barbara Turnpike and 4592
 feet of Fair View Road. Further par-
 ticulars and plans may be obtained
 from the County Surveyor.

WATER HOUSE—2 story and base,
 low tile construction. Cost not
 stated. Santa Barbara, Santa Barbara
 Co., Cal. Architect, H. Alban Reeves,
 member of Commerce Bldg., L. A.
 City. Southern California Edison
 Co. The building will cover an area
 of 250 feet and will contain, be-
 sides the plunge and dressing rooms,
 rest and waiting room of the Santa
 Barbara Electric Railroad Co. Inter-
 ior will be finished in pine and red-
 wood. Plunge will be of concrete,
 with filtration equipment and
 heating system will be installed.
 Exterior of the building will be faced
 with cement plaster. Plans are com-
 plete and figures are being taken. Ar-
 chitects Ray & Soule of Santa Barbara
 act as supervising architects.

HOTEL ADDITION—2 story and

base, brick, \$10,000. Ontario, San Ber-
 nardino Co., Cal. Architects, Butler
 Bros., Mason Bldg., L. A. Owners,
 Ford Bros. The addition will contain
 the office and lobby besides about 30
 guest rooms, nearly all of which will
 have private baths. Interior finish
 will be of pine throughout. A hot
 water system will be installed. Bath
 rooms will be finished in tile. Exter-
 ior of the building will be faced with
 white enameled brick. Plans are be-
 ing revised and work will be started
 at once.

HOSPITAL, COTTAGE—1 story con-
 crete. Cost not stated. Ventura, Ven-
 tura Co., Cal. Architect, State Archi-
 tect George B. McDougall, Sacramento.
 Owners, State of California. Bids will
 be opened in Sacramento on September
 24th for constructing the Hospital Cot-
 tage and Typical cottages Nos. 1 and
 2 at the California School for Girls.
 An official proposal appears in another
 column of this issue. Plans and specifi-
 cations can be secured from the State
 Architect. This work is the first of
 a new group of buildings to be erected
 at Ventura. The entire group will
 cost in the neighborhood of \$68,000.

LIBRARY—1 story and base, brick,
 \$35,000. Los Angeles, Cal. Architects,
 Kysor and Biggar, Wright and Callen-
 der Bldg., L. A. Owners, City of Los
 Angeles. The building will be erected
 on Central avenue at the corner of
 54th street and will cover an area of
 45 by 100 feet. The design is in the
 classic style. There will be two large
 reading rooms, librarian's office, stack
 rooms and game room. Interior finish
 will be of pine and hardwood with
 maple floors in the reading rooms.
 Metal book stacks will be used. Plans
 provide for steam heat and vacuum
 cleaning system. Exterior of the
 building will be faced with ruffled
 brick. Plans are now being prepared.
 Bids will be called for within a month
 or six weeks.

OFFICES—8 story and base, Class A
 construction, \$200,000. Los Angeles.
 Cal. Architects, Reid Bros., California-
 Pacific Bldg., S. F. Owner, Hulett C.
 Merritt, represented by The Spring
 Street Co. The building will be erected
 at the northwest corner of Broad-
 way and 8th street and will contain
 four stories on the first floor and a
 total of 133 offices, besides the space
 on the eighth floor which will be oc-
 cupied by the Merritt companies. Con-
 struction will be fireproof. A contract
 for the structural steel has been
 awarded to the Llewellyn Iron Works
 and figures on the general construc-
 tion are being taken. Original plans
 have been completely revised.

Contracts Awarded.

FACTORY GROUP—1 and 2 story
 and base, reinforced concrete. Cost
 not stated. Los Angeles, Cal. Archi-
 tect, George W. Harding, Washington
 Bldg., L. A. Owners, Pinney-Boyle
 Mfg. Co. Contractors, Broadway Con-
 struction Co., Security Bldg., L. A.
 general construction. Contract price
 not stated. Union Iron Works, struc-
 tural steel. Contract price not stated.

PORTLAND AND OREGON.

STABLE—1 and 2 story, reinforced
 concrete, \$5,000. Portland, Ore. Ar-
 chitect, Architectural Dept., Portland.
 Owners, City of Portland. This build-
 ing, which has been mentioned here
 before, will be erected at the corner of
 16th and Chapman streets and will

cover a large ground area. Construction
 will be fireproof with reinforced
 concrete walls and floors. Interior
 will be left unfinished. Plans provide
 for special stable equipment and elec-
 tric work. Exterior will be faced with
 cement plaster. Plans are complete
 and figures are now being taken.

HOSPITAL—1 story and base, rein-
 forced concrete, \$45,000. Portland,
 Ore. Architects, Tourtelotte & Hum-
 mel, Rothchild Bldg., Portland. Own-
 ers, Emanuel Hospital. The building
 will be erected in the eastern portion
 of the city and will cover an area of
 45 by 110 feet. There will be both
 wards and private rooms. Interior
 finish will be of pine and hardwood
 with some tile and marble wainscot.
 Special hospital plumbing and equip-
 ment will be installed. There will be
 steam heat, a hot water system, vacu-
 um cleaning and elevator service.
 Exterior of the building will be faced
 with cement plaster. Plans are com-
 plete and figures are being taken.

Contracts Awarded.

BRIDGES—4 steel and concrete.
 Cost not stated. St. Helens, Ore. En-
 gineer, State Highway Engineer H. L.
 Bowby, Portland. Owners, Columbia
 County. Contractors, Ambrose-Bur-
 sall Co., Portland. Contract price for
 all four bridges, \$26,336.

SEATTLE AND WASHINGTON.

DOCKS AND TERMINAL YARDS—
 \$15,000. Seattle, Wash. Architects
 and Engineers, Howells & Stokes, Se-
 attle and New York. Owners, Bridle
 Belt Railroad & Navigation Co., Henry
 Bldg., Seattle. According to state-
 ments made here a project which will
 require the immediate expenditure of
 \$15,000,000 and ultimately \$50,000,000 is
 about ready for starting preliminary
 work. The project is headed by A. P.
 Gillies, Henry Building at Seattle, who
 is representing the Bridle Belt Rail-
 way & Navigation Company. The first
 unit will include the two four-story
 docks 200x500 feet, an eight story
 building 500x500 feet, hotel and office
 building 200x500 feet and a tunnel un-
 der a number of streets to be about
 three miles long. According to infor-
 mation furnished Stone & Webster, of
 this city, the Seattle Traction Com-
 pany is interested in the project.
 Plans were prepared by Howells &
 Stokes, architects of New York and
 Seattle, and although no confirmation
 has been given it is reported the con-
 tract will be let to Grant Smith &
 Company of Seattle.

Contracts Awarded.

DIKE CONSTRUCTION—\$500,000.
 Anacortes, Wash. Engineer's name not
 given. Owners, Padilla Bay Reclama-
 tion District. Contractors, James
 Park Engineering and Construction
 Co., Anacortes. Contract price, \$500,-
 000.

HIGH-WATER MARK FOR LIME.

The manufacture of lime in the
 United States in 1913 broke all pre-
 vious records, the production amount-
 ing to 3,595,390 short tons, valued at
 \$14,648,362, according to R. W. Stone,
 of the United States Geological Survey.
 This was an increase over 1912 of 65,928
 tons in quantity and \$678,248 in value.
 The average price per ton in 1913 was
 \$4.07, as compared with \$3.96 in 1912
 and \$4.03 in 1911. While Pennsylvania
 is the largest producer, the output of



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San Francisco

this State is only 2.26 per cent of the total, indicating the wide distribution of the industry; in fact, 44 States reported to the Survey a production of lime in 1913.

Lime used in building operations represents nearly a third of the total output, but large quantities are sold to chemical works, sugar factories, tanneries, etc., as well as to farmers for broadcasting on agricultural land.

Brick Contractor Meets With Accident.

Thomas F. Mulcahy, Well Known San Francisco Brick Contractor, Injured by Automobile.

Thos. F. Mulcahy, a prominent brick mason of this city, while cranking his machine in front of the City Hall last Monday broke his right arm. Joseph Burns, concrete foreman for Mulcahy, tried to crank the same machine five minutes later and also received a fracture of the right arm. They were both treated at the Central Emergency Hospital.

After receiving treatment a relative of Mulcahy's drove the injured man home in the same machine, which operated without further mishap.

STATE WANTS PAINTERS AND TINNERS.

The California State Civil Service Commission announces that applications for employment as Painters and Tanners in the service of the State will be received at the office of the Commission, State Capitol, Sacramento, on or before Sept. 26, 1914.

Further information and application blanks may be secured from the State Civil Service Commission, State Capitol, Sacramento. Applications should be properly executed and filed with the Commission on or before September 26, 1914.

ANOTHER EASTERN MANUFACTURER OPENS BRANCH HERE.

The Austin Drainage Excavating Co. of Chicago has appointed A. N. Skillman, 1235 Pine street, as their direct representative to handle the numerous kinds of machines made by them. The Austin Cube Mixer, one of the best known concrete mixers, is manufactured by this company. Their line of special street machines and ditch dig-

ging machines are standard the world over. One of their latest ditch digging machines will excavate a ditch 30 feet deep and 6 feet wide. San Francisco is fast becoming recognized as the logical distributing point for the coast.

SAND AND GRAVEL FOR FILTRATION PLANTS.

Clear-white quartz sand of the proper size is the common material used in filter beds, according to the United States Geological Survey. The floor of a filter may be made of broken trap, granite, or other rock screened to the proper size, or of clean sized gravel. The specifications for the filtration plants at Springfield, Mass., and Toronto, Canada, are practically identical, as follows:

"The filter sand shall be clean sand, with either sharp or rounded grains. It shall be entirely free from clay, dust, or organic impurities and shall, if necessary, be washed to remove such materials from it. The grains shall, all of them, be of hard material which will not disintegrate. The effective size shall not be less than 0.25 millimeter nor more than 0.35 millimeter. The uniformity coefficient shall be not more than 2.0. The sand shall be free from dust and shall not contain more than 1 per cent finer than 0.13 millimeter and shall be entirely free from particles over 5 millimeters in diameter. The sand shall not contain more than 2 per cent by weight of lime and magnesia taken together as carbonates. In all other respects the sand shall be of a quality satisfactory to the engineer."

PANAMA WILL CONSTRUCT FOURTEEN LIGHTHOUSES.

Work will be begun soon on the construction of fourteen small lighthouses for the Panama government. The work will be done by private contractors. All of the lighthouses will be on the Pacific coast and will be a distinct aid to the navigation of these waters, especially to the small coast traders that make the port of Panama their home port. The lighthouses will be located as follows: One at the entrance to Panama bay, one on Melon island, one at San Carlos, one at Port Obaldia, one at Port Posada, two at Aquadulce, one at Chitre, at the entrance to the La Vilita river, two at Hensabe, one at Santa Lucia river, and two on Linartes rock.

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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TRADE OPPORTUNITY.

We of course are not justified in gloating over the European war on account of any advantage it may bring us, but at the same time it is our province to seize upon such advantages just as long as they are to be obtained in the ordinary course of business. Especially will this be true of the big opportunity given to American manufacturers in the opening up of South American trade.

Our failure heretofore to get what should be a major share in the business of South America has been due to a variety of causes, not the least of which has been the fact that American business men have been doing so well with their capital at home that they did not need to go abroad for more. In fact as the United States has been drawing capital from Europe to finance American industrial development, there was no great inducement to go afield for more risky trade in Latin America. But the day of European extension of business in this country is past. The United States is now making nearly enough surplus capital to do its own business and it has the wherewithal to go south for more trade.

Another reason for success of Europe in going after South American bargains has been actual trade advantage. Europe is as near to the Eastern coast of South America as we are, if not nearer, and with an older and better developed shipping, it is no wonder that the commercial interests of England and Germany have found the picking easy in Brazil and Argentina. The war, in this respect, will merely give us a chance to overcome this previous European handicap. And with the opening of the Panama canal we will have an instant opportunity to get established in Chile and other west coast countries before Europe has recovered from the paralysis of the struggle now going on.

We are already receiving evidence of the turning of trade to New York from London and the German ports. If the American shippers have elasticity enough to get a hold on the good will of the markets of the southern world, they will keep all they are getting now, and more.

THOSE CANX FRENCH.

France has just been engaged in spectacular murder trial, which has resulted in much excitement and several challenges to duels, when the mobilization of German troops and the attack on Russia brought the nation to a crisis. And then, when it might have been expected that the country

would go wild with excitement, there was shown a calmness, a caution, a self restraint, which impressed the world as admirable.

There is a good deal of talk about Latin excitability and Latin froth. But it is doubtful whether any nation could have shown greater poise than France on the verge of war. England is supposed to be a model of self restraint, and England was no more frenzied than France. The truth is that the foreign observers most familiar with the French people have commented on the fact that French excitability is mostly on the surface, and that no people is more canny or has itself better in hand. "Paris," said Victor Hugo, "has been dipped in good sense."

A French man rarely shows the reckless disregard for personal or property rights exhibited in England or the United States. There is no lynch law in France, and there are comparatively few crimes of violence there. For instance M. Taine once made an inquiry which disclosed that there were forty-two cases of highway robbery in France to 738 in England in a year.

Even in the tremendous upheaval of the French Revolution, when the people were cleaning up the accumulated abuses of centuries, there was an immense amount of beneficent legislation put through, and John Morley has pointed out that art, letters and society flourished as gaily as under the old regime. The galleries of the Louvre were opened with ceremony in 1793, and the Revolution produced a school of painting.

England and American always have been much more conservative than France, much more apt to compromise. This means that they are really governed by sentiment to a larger extent than France. The French never have been mystics. They always have had a passion for lucidity, for ideas, for the intellect. One of the keenest observers of the French people, W. C. Brownell, in his penetrating book on "French Traits," explains the excesses of the reign of terror as really due to this passion for reason. "Given an enthusiasm for ideas which excludes a care for personality," he says, "an unqualified belief in reason unmodified by any sentimental conservatism whatever, and a subordination of the sense of individuality and individual dignity and responsibility, and it is easy to see how the cruelty and savagery of the Revolution is to be explained."

English and American statesmen have seen the roots of the present in the past, and have endeavored to make improvements based on existing conditions. The French idea has been to make a clean sweep in reforms, without compromise. If a program was regarded as reasonable by the party in power, it desired to put it into effect without regard to the prejudices of the opposition.

Insipide of the superficial ebullitions, like those in the Caillaux case, the French character is the reverse of hysterical. A country where marriages are arranged on the basis of reason, in accordance with the mature views of the parents of the young people, and where romance is ruled out as foolish, is not a country to lose its head in time of war.—Kansas City Star.

SAN FRANCISCO APPROPRIATES MONEY FOR AUGUST.

RESOLVED, That the following amounts be and the same are hereby set aside, appropriated and authorized to be expended out of the hereinafter mentioned funds for the following purposes, to-wit:

For repairs, etc., to sewers during month of August, 1914, \$12,000.

For paving, repaving, repairs to streets, etc., during month of August, 1914, \$60,000.

For expense, maintenance, cleaning, sprinkling and sweeping streets, for August, 1914, \$29,500.

For special emergency sanitary measures by Board of Health and U. S. Marine Hospital service for August, 1914, \$1,250.

For general repairs to public buildings, except school buildings, during August, 1914, \$1,000.

For repairs to Police Stations during August, 1914, \$500.

For repairs to Fire Department buildings during August, 1914, \$1,500.

For survey of homesteads during month of August, 1914, \$3,000.

For construction, reconstruction, repairs, etc., of School Department buildings, during August, 1914, \$8,000.

PERMITS GRANTED TO STORE BENZINE, ETC.

LAUNDRY—Peter Lafon, at 659 McAllister street.

DYEING AND CLEANING WORKS—Thoms Tippet, at the northwest corner of Eighteenth and Hampshire streets; also to store not more than 300 gallons of benzine.

AUTOMOBILE SUPPLY STATIONS—Omen Oil Company, at the northeast corner of Valencia and McCoppin Sts.; also to store 900 gallons of gasoline in three tanks.

OIL STORAGE TANKS—L. E. Hanchett, at 2006 Washington street, 1500 gallons capacity.

Lundstrom Hat Works, on south side of Jessie street, 25 feet west of 7th street.

Max A. Daberer, at 1155 Hayes street, 1500 gallons capacity.

A. Delmonte, at 450 Broadway, 800 gallons capacity.

NOTICE TO ARCHITECTS.

COMMONWEALTH OF AUSTRALIA.

Department of Home Affairs.

Office of Federal Capital Director of Design and Construction.

MELBOURNE, 30th June, 1914.

The Australian Government announces an international architectural competition for the purpose of selecting the architect of the Parliament House and possibly incidentally additional architect for other government structures of the new Federal Capital City, Canberra.

Only tentative outline sketch designs for the building are requested, and eight (8) prizes are offered aggregating £6,000, the first being £2,000, in addition to commission for service at the scale of the Royal Institute of British Architects.

Designs may be submitted in either Melbourne or London before 31st

March, 1915, and will be judged by the following jury of architects.

George T. Poole of Australia.

John J. Burnet of London.

Victor Laloux of Paris.

Otto Wagner of Vienna.

Louis E. Sullivan of Chicago.

Whose decision will be final.

A programme will be issued to any practicing architect on application to the High Commissioner for Australia in London, Works Departments of British Colonies, or British Embassies at Berlin, Madrid, Paris, Rome, St. Petersburg, Stockholm, Vienna, Washington, from who also copies of text in French or German may be had on request. Copies in Esperanto may be obtained from the High Commissioner or from the Esperanto headquarters at Geneva.

The importance of this event is not to be measured by that of the foremost building of the Commonwealth, but by the opportunity to establish an architectural standard not only for the future seat of government in Australia but for a great new Democracy of scope, scale and modern advantages as well as the climatic conditions differing radically from any prototype in Europe or elsewhere.

A copy of the programme may be seen at the office of this journal.

THE SURVEYOR GENERAL.

W. S. Kingsbury, who now wishes to succeed himself as California's Surveyor General, has the reputation of being the first Surveyor General in some forty years or more who has had the backbone to stand for the rights of the people and to kick the land sharks from the State Land Office. Before the election of Kingsbury, citizens who wished to purchase lieu school land had to pay tribute to the land ring.

General Kingsbury was born in the City of Oakland, where he attended the public schools. He moved to Los Angeles and took up the study of civil engineering, becoming prominent in his profession, being Chief Deputy City Engineer when first elected State Surveyor General as the nominee of the Republican and Union Labor parties.

When General Kingsbury took office he found that the records of the State Land Office has been prostituted for the benefit of the "land ring." A million and a half acres of lieu lands alone had been controlled by these "land attorneys" as they styled themselves, the State receiving only \$1.25 an acre, the "land attorneys" getting fancy prices. General Kingsbury secured the passage of a law whereby these lands are sold to bona fide applicants only and bring prices ranging from \$5.00 to \$10.00 per acre, the money going to the public schools instead of to the sharks.

When an editor "dolls" up, says Hondo Murphy of Topeka, he combs his hair, if any, and changes his pencil from his hip pocket to his vest pocket.

A Los Angeles inventor has patented a full-sized gas range that folds into a wall recess when not in use.

What is said to be the largest wireless transmitting station in the world recently was completed near Carnarvon, Wales.

A flatiron for travelers which takes up but little room is hollow and can be filled with alcohol for heating it quickly.

Government scientists in the Philippines are investigating the properties of an oil bearing nut which grows prolifically and from which the natives extracted an illuminant before the introduction of kerosene.

WILL PURCHASE EQUIPMENT FOR GYMNASIUM.

PETALUMA, Sonoma Co., Cal.—At the last meeting of Company K, of the National Guards of California, it was decided to purchase a complete equipment for their gymnasium at this place.

TO PURCHASE VESSELS.

SAN JOSE, Santa Clara Co., Cal.—Reports received from San Jose, state that the President of the San Jose Terminal Railway is arranging for the purchase of a fast passenger steamer, a car barge and a tug of 500-horse power.

THE TWO CANALS.

The Suez canal, 103 miles long 28 feet deep, requires 17 hours to pass through it. It cost \$127,000,000 to construct. In 1910 4533 vessels passed through it. Toll charges are \$1.30 per net ton for vessels with cargo, 82 cents per net ton for vessels with ballast and \$1.93 for each passenger 12 years or over. The receipts exceed \$25,000,000 yearly. The British government owns a majority of the stock.

The Panama canal is owned by the American people. It cost \$375,000,000. It is 54 miles long and 41 feet deep. Vessels will pass through in 12 hours. The toll rate on loaded craft will be \$1.20 per net ton. It is estimated that the receipts the first year will be at least \$12,000,000 and the cost of operation \$5,000,000.

Events should move more rapidly now in the war zone. The main body of the German army, the greatest fighting machine the world has ever seen is now in motion and the whole fate of Germany is practically dependent upon its supposed irresistible force. It remains to be seen whether or not it will accomplish what the military party of that country expects. They have a sublime confidence in their army. It is shown in the contempt they have exercised for other people in the present crisis, and they expect to oust their enemies by a movement so swift that the other nations will not have a chance to get together. That plan has not been successful so far. The great battle lines are now at the point of meeting. The next week will probably witness the greatest continuous battle of the world.

Now that the horrors of war are being demonstrated so that he who rides on the fastest aeroplane may read, the policy of President Wilson in Mexico is being vindicated and the blatant jingoists are strangely silent. Secretary Bryan has announced that the policy of "watchful waiting," so long derided and cartooned by the wise little newspaper men and the political philosophers, has proven successful and there is a peaceful succession of government.

News stands and book stores are displaying pictures of the rulers of the world as representing the heads of the different governments. Among them is President Wilson and an American can well feel proud that the electorate of this country has elected to the chief office of the nation a man who bears the high stamp of intelligence upon his face, compared to which the kings of Europe look poor in comparison.

It is certainly a travesty upon the civilization of which they boast that these monarchs are always photographed in military regalia, as if the chief business of kings was the old barbaric occupation of butchering his neighbor. Kaiser Wilhelm der grosse is usually seen with a tin helmet on his head and fierce curling mustache as representing the "war lord of Europe." And it is a fitting comment to say that the rule of kings belongs to that type of barbaric government that is founded on force where the common people are slaves and are fed by the hand of the monarch, while here every man can stand up in his God given right and say who shall represent him and whether or not his country shall go to war or what it shall do.

When one looks at the money that is paid these titled boneheads to wear a crown he can only hope that the present war will bowl them all over, supplant militarism by common sense and free mankind from this thralldom of the dark ages.

News In Brief.

CHICO, BUTTE CO., CAL.—Work is progressing with great rapidity on the highway, according to Superintendent Allen of the E. L. Burr Company, the general contractor doing the work.

Over six miles of the road, from the Tehama County line south, has been graded and surfacing operations with concrete will be started at an early date. Nearly four miles of the road from Sandy Gulch north has been graded and is ready for the concrete work.

TAFT, KERN CO., CAL.—Bids will be opened here on August 24th for the construction of a one-story frame school building for the Conley School District. All bids must be forwarded to W. S. Lierly, Box 24, Taft, Cal.

EUREKA, HUMBOLDT CO., CAL.—The Mercer-Fraser Company has been awarded the contract for the construction of a cable bridge across the Eel River at Fort Seward. The contract price is \$29,700.

HOLLISTER, SAN BENITO CO., CAL.—The Granite Rock Company of Watsonville has a \$30,000 contract for paving three blocks of Fifth street and ten blocks of San Benito street. Construction has already been started and will be completed in about three months.

ARBUCKLE, COLUSA CO., CAL.—The Arbuckle Improvement Co. has purchased a site here and work has been started in the erection of a large dance pavilion. The building will cover an area of 80 by 90 feet and will have a hardwood dancing floor.

SEATTLE, WASH.—According to statements made here a project which will require the immediate expenditure of \$15,000,000 and ultimately \$50,

000,000 is about ready for starting preliminary work.

The project is headed by A. P. Gillie, located in the Henry Building at Seattle, who is representing the Bridge, Rail and Navigation Company. The first unit will include the two four story docks 200x800 feet, and eight story building covering an area of 500,500 feet, and a hotel and office building 200x500 feet and a tunnel under number of streets which will be about three miles long. Plans have been prepared by Howells & Stokes, architects of New York and Seattle. Although no confirmation has been given it is thought that the contract will be let to Grant Smith & Co. of Seattle.

CHICO, BUTTE CO., CAL.—George E. Duke, of the U. S. Feature Film Company, has been in this city looking over the ground for which to locate a permanent studio. Should a site be selected the company will at once start the erection of a number of buildings.

SANTA CRUZ, SANTA CRUZ CO., CAL.—At a meeting held here for the purpose of discussing the practicability of a road through San Mateo and Santa Cruz counties to California Redwood Park, a resolution was adopted calling on the San Mateo County Board of Supervisors to appropriate sufficient funds for the construction of a road from Pescadero to connect with the State Highway now being built into the park from Saratoga.

The estimated length of the road is nine miles and the cost \$2,000 a mile. Most of the road is in San Mateo County.

MARTINEZ, CONTRA COSTA CO., CAL.—The Supervisors here are considering the plans and specifications for the three bridges to be constructed along the State Highway between San Pablo and Pinole. All structures will be of steel and concrete construction and will span San Pablo, Wildcat and Garrity Creeks.

PORTOLA, PLUMAS CO., CAL.—The work of rebuilding the dam of the Grizzly Creek Ice Company, a Nevada corporation, on Grizzly Creek, has been started and the contractors have agreed to complete the structure before the winter sets in. The dam will be of concrete construction.

WILLOWS, GLENN CO., CAL.—Luther C. Stiles, County Engineer, has appealed to the State Engineer to call on the United States Government at once to dredge the Sacramento River channel at the Butte City bridge this fall before the rains set in.

SANTA CRUZ, SANTA CRUZ CO., CAL.—In his report to the city council, Superintendent Brower of the municipal wharf construction stated that only 330 feet must be completed to finish the structure. Out of the 453 piles that arrived only eight were rejected.

The driving at the present time is very satisfactory, from 30 to 130 blows being necessary to obtain nineteen feet of penetration. Deck work has been delayed somewhat due to the non-arrival of the materials.

RICHMOND, CONTRA COSTA CO., CAL.—A new fire house thoroughly equipped to be located at Tenth street and Chanslor avenue is the recommendation of fire companies of the Santa Fe district. The recommendation is now in the hands of the city council for consideration.

WILLOWS, GLENN CO., CAL.—Quint School District has let a contract to E. K. Hale for the erection of a new

school building of two rooms. It will cost \$1,887. Work on the structure has been started.

SUISUN, SOLANO CO., CAL.—At the second annual banquet of the Chamber of Commerce the matter of a \$10,000 school bond election was discussed. Rev. F. Washburn, on behalf of the Woman's Club, suggested that a public park and playground be provided. A meeting will be arranged at a later date to discuss the issuing of the bonds.

SANTA BARBARA, Santa Barbara Co., Cal.—Another big section of this city's sewer system is now under way. Contractor Pendola has put a crew of men to work to rush to completion the installation of the Myrtle avenue, Solo and Rancheria street sewer, a six-inch sewer system, which is to flow into the Anapamu street sewer line. The new sewer will drain the rapidly growing section of this city on the west side.

PETALUMA, Sonoma Co., Cal.—Word has been received by the County Supervisors from the State Highway Commission stating that they were ready to advertise for bids for road work from Petaluma Creek to Ignacio and the construction of a steel bridge over Petaluma Creek at Black Point and asked the Board to deposit its \$35,000 contribution with the State Treasurer.

RED BLUFF, Tehama Co., Cal.—All bids for the cell work in the proposed county jail were again rejected by the Board of Supervisors and new bids will be taken for the work on September 10th. This is the fourth time bids have been rejected on the same work. The difference between some of the first bids and the last was nearly \$6000.

STOCKTON, San Joaquin Co., Cal.—The Board of San Joaquin County Supervisors has decided to improve McKinley avenue to French Camp. County Surveyor Quail has been instructed to prepare plans and specifications for grading and graveling the road. It is expected that by the improvement of McKinley avenue much travel will be diverted from the narrow and the high French Camp toll road and the necessity of building a rail fence along the toll road will be averted. Plans and specifications have also been ordered prepared for the grading and graveling of the Jack Tone Road from the Linden road to the Tokay Colony school house. The work will cost about \$25,000.

MILL VALLEY, Marin Co., Cal.—The new Tamalpais dam of the Marin Water and Power Company is now under construction and work is progressing very rapidly. A crew of men are now at work erecting bunk houses, mining tunnels and hauling lumber. The new dam and pipe line, when completed, will cost in the neighborhood of half a million dollars. It is expected to have the work completed in time to catch the first fall of the rain season. At the present time a tunnel is being run under the old Fairfax road in order to tap the center of the lake with a pipe line, to run down into Phoenix Gulch and connect with the 18-inch main at that point.

The dam will be 100 feet high and 650 feet in length and will hold about three billion and a half gallons of water. It covers over 650 acres of ground, and will be the largest dam on this side of the bay.

SACRAMENTO, Cal.—The Advisory Board of the State Engineering De-

partment has recommended the erection of a water tower to cost \$2,776 on the grounds of the State Normal School in Chico. The tower will contain a water tank for the use of the school.

SACRAMENTO, Cal.—Twenty-two thousand dollars worth of building work is to be done by the Standard Oil Company at its big storage plant near Guthrie's Station. Of this sum \$13,000 will be used for the construction of a new tank and the remaining amount will be expended in making additions and changes on the office building.

WASHINGTON—Secretary of the Navy Daniels has announced that on or about August 1st he will advertise for bids for the building of three dreadnoughts, including the one to be available upon the receipt from Greece of the payment for the Mississippi and the Idaho. One of the vessels will be built at the New York Navy Yard. The plans of all three will be similar to those of No. 39. Until names have been selected the three new ships will be known as Nos. 40, 41 and 42.

CORDOVA, Alaska, July 8.—Surveys of the possible routes for the government's railroad in Alaska are in progress in this vicinity today. Stakes have already been driven at Chitina by a reconnaissance party under Henry Day. The route is being surveyed from Chitina, where the Fairbanks trail leaves the Copper River & Northwestern Railroad to the Matanuska coal fields.

RICHMOND, CAL.—Petitions for the securing of signatures to put an initiative on the ballot in November to provide for a \$1,000,000 bond issue for the establishing and maintenance of a series of sanitariums, dispensaries and hospitals for the prevention of tuberculosis and the care of persons afflicted are being circulated by the State Board of Health and the Tubercular Board of that body.

WASHINGTON—The Commerce Department have published figures showing America's exports exceeded its imports in the past year by \$653,000,000.

MODESTO, Stanislaus Co., Cal.—The Engineer of the Modesto Irrigation District will receive competitive plans and specifications for a structure at Gasburg Crossing on the Main Canal of this District, until July 31st. The type of the structure may be either a steel siphon of 16 feet diameter, 750 feet long, a steel or concrete flume structure of the same length with an aqueduct cross-sectional area of 220 square feet. The structure may be designed in accordance with specifications which may be had from the engineer of the District. A reward of 3 per cent of the cost of the completed structure will be paid to the successful designer in the case of a steel or concrete flume and a reward of one per cent in the case of a steel siphon.

SUSANVILLE, Lassen Co., Cal.—The Supervisors of Lassen County have voted to buy \$300,000 worth of State Highway bonds. This action was decided upon conditional upon the State Highway Commission expending the money in the construction of fifty-two miles of highway in Lassen County.

BENICIA, Solano Co., Cal.—The first work of the new Benicia Chamber of Commerce is the enlisting of influential organizations in an effort to have the proposed \$200,000 appropriation for a store house for the Benicia Arsenal included in the Senate Civil Sundries Bill. Many prominent clubs and orga-

nizations have pledged their support in the movement among whom are the San Francisco and Oakland Chamber of Commerce and several clubs in Stockton, Vallejo, Sacramento and Fresno.

WENGLER, Shasta Co., Cal.—The tunnel of the Mt. Shasta Corporation is now in over a mile, counting the aggregate distance dug at the two ends. The tunnel, when completed, will be about seven miles long and will be used in conveying the water from the Pit River to the company's power site which will be one of the greatest developments in the state.

LASSEN, Cal.—Bids will be received by the Board of Trustees of Lassen County until July 11th, for the construction of septic tank at the Lassen County High School grounds. Plans and specifications can be secured from the county surveyor.

CHICO, Butte Co., Cal.—The Northern Electric Company will at once begin the complete re-ballast of its entire roadbed and will spend about \$75,000 on the work.

AUBURN, Placer Co., Cal.—E. B. Quigley of the Black Canyon mine at Westville is now constructing a 15-mile power line from Alta to Westville. This is one of the improvements needed in this section and will be a big boost to the mining industry of the Upper Forest Hill divide.

THE CAMPAIGN AGAINST JOHNSON.

What has become of the cry of "freak legislation" that was raised so vociferously for a time against Governor Johnson. The wall has suddenly been stilled. Fredericks, Keesling and the rival candidates for governor dare not say they would repeal a single bit of Johnson legislation: Taking the converted cue of the Santa Barbara and San Diego conferences Johnson's opponents are conceding that it has all been beneficent legislation, and they are now trying to rob him of the credit by saying the Republican party did it.

The money "barrel" appears to be open in the Fredericks and Keesling camps. Keesling's campaign manager is said to receive \$500 a month.

In his Fresno meeting Neylan replied that the Taft supporters could easily have placed Taft's name on the ballot by petition, as the Progressives did for Roosevelt.

The fact was that the Taft petition had been signed and was ready for filing when De Young of the "Chronicle" Otis of the "Times," Spreckels of the San Diego "Union," with George Hutton of the old S. P. political bureau, former Governor Gillett, Judge Henshaw and others decreed that Taft should not go on the ballot in order that the Republican vote could be thrown to Wilson. Defeat of Roosevelt and Johnson was their first consideration.

The Sacramento "Union," non-Partisan, points out that S. Fred Hogue, campaign manager for Fredericks in the north, was formerly one of Patrick Calhoun's right hand men in San Francisco.

The Progressive State Headquarters offers a reward of \$500 for a correct solution of the mystery of why nine aspirants for governor of the Republican and Democratic parties are making a concerted attack on Governor Johnson, aided by the open columns of

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

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SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, September 1, 1914, for Constructing the Scott Street Entrance, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposals or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, September 1, 1914, for Canvas Linings of Pools and Fountain Basins, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

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STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Bldg., San Francisco, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which specification reference is made, portions of the Highway as follows:

Until 11 o'clock A. M., August 31, 1914, Colusa County from Berlin to Colusa Junction (III-Col-7-B), about 12.6 miles in length, to be built of Portland cement concrete.

Yuba County from the southern county boundary to Morrison's Crossing (III-Yub-3-A), about 3.3 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from Atascadero Creek to East Robles (V-S. L. O-2-B), about 10.0 miles in length, to be built of Portland cement concrete.

Kern County from the southern county boundary to a point about 2 miles south of Rose Station (VI-Ker-A), about 10.7 miles in length, to be graded.

Orange County from Irvine to Santa Ana (VII-Or-2-C), about 7.4 miles in length, to be built of Portland cement concrete.

Until 2 o'clock P. M., August 31, 1914, Sacramento County from Folsom to the easterly county boundary (III-Sac-11-A), about 6.8 miles in length, to be built of Portland cement concrete.

Solano County from Vacaville to Batavia (III-Sol-7-D), about 8.2 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Divisadero Creek to El Capitan Creek (V-S. B.-3-G&I), about 10.2 miles in length, to be graded.

Santa Barbara County from Stor Creek to El Capitan Creek (V-S. B.-3-G&I), about 10.2 miles in length, to be graded.

Los Angeles County from Cast School to Section 17, T. 6 N., R. 1 W., S. B. E. M. V. (L. A.-4-B), about 12.3 miles in length, to be graded.

Plans may be seen, and forms, proposals, bonds, contract, and specifications may be obtained, at the sales office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the Division which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" which is on the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed to be the best interest of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,

California Highway Commission

AUSTIN R. BLETCHER,
By order of the Highway Engineer

CHARLES C. CARLETON,
Acting Secretary. (*)

Dated, July 21, 1914.

Weekly Talks on Efficiency and Advertising

by Lloyd C. Comegys

About Advertising In Dull Times.

Men have their good days and bad days. They feel better at times than they do at other times. Business is much the same. On the good days for the man or the good periods or times for business, there is a go-a-head spirit and energy which creates initiative and starts new work and enterprises. This accounts in degree why in good times there is so much more work, activity and business.

And when the bad times come in business, the tendency is to slow down and consequently there is actually less business.

When there is less business the competition for it becomes keener and then not only does a businessman have to figure to fight harder to get new business, but he has to take into consideration the very great efforts that are being made by his competitors to take away from him the business that he already has.

It then becomes necessary to take advantage of every business aid and efficient advertising and selling methods are of the most valuable that may be obtained. This is necessary not only to gain new business, but as a part of protective and defensive tactics. Even if you gain no new business you must throw up bulwarks to protect the business you already have from the increased and more intensive competition.

Using more greatly efficient advertising and selling methods becomes insurance against loss of business, as well as investment to secure new business.

In dull times expenses are cut, every detail is watched more carefully and greater effort is made to produce results. Advertising and selling methods are not expense but an investment from which you figure and expect additional profit. As you do more work, do it more carefully and make every part of your business produce better results in hard times, so then should you use and work harder the modern business facility known as efficient advertising and selling methods. A proper scientific and careful utilization of efficient advertising and selling methods will redound to your financial benefit and once started will never be abandoned by you. It has been made to pay others in large amounts so why not you use it and get the benefits for yourself?

LOYD C. COMEGYS.

BRIDGE BUILDING WONDER.

Lehigh Valley Replaces Old Bridge
With New in Five Minutes.

WENDE, N. Y.—In five minutes a 150 ton bridge was moved out and replaced by a 750-ton bridge on the Le-

high Valley railroad here. It took exactly two minutes to get the old bridge out of the way and two minutes and fifty seconds to roll the new one into place. Traffic was not interfered with the time chosen for the bridge moving having been carefully chosen in relation to the movement of trains.

The new bridge, which is a double tracked single span structure over a hundred feet long, was already fitted with a ballasted track laid on a concrete foundation, and as soon as it was in place it was only necessary to join the rails to make ready for the passage of trains. The steel spans are ten feet deep and rest on rockers, so that trains passing immediately afterward were able to travel at full speed, as if there

SAM D. NORTH SALESMAN FOR ALAMEDA COUNTY.

Sam D. North, for many years Secretary of the San Francisco Builders' Exchange and for a time representative of The Paraffine Paint Co. in Eastern Territory, has been appointed Salesman in Alameda Co. for Ruberoid and Malthoid Roofings and all P. & B. Lines, with headquarters at the General Contractors' Association in Oakland. Telephone Lakeside 54.

Mr. North has a host of friends on both sides of the Bay, who are glad to welcome him home.

Mr. North, in speaking to a representative of the "Builder," expressed his surprise and pleasure at the gigantic strides the cities about the Bay have made in the few years past, and that he was glad to be back in California.

Needless to add that P. & B. Lines will move faster than ever in Alameda Co., because Mr. North is a tireless worker.

GOLD BRICK BUILDINGS.

Skyscrapers, New York Finds, Are Not
a Paying Proposition.

In New York's skyscraper belt, where the buildings run from one to fifty-five floors, their average height is under six stories and a half. Only half a dozen skyscrapers in all the city may fairly be called beautiful, though a larger number are admirable feats of engineering.

All the more noteworthy, then, is the calculation of the secretary of New York's height of buildings commission that, allowing for depreciation, the skyscraper's investment return is but 2½ per cent. Nor does this class of edifice profit the community more than the individual. The cost in light and air is supplemented by the fact that skyscrapers burst sewers with their outflow and force the city to install a high pressure system for fire fighting.

One often hears arguments against the construction of high buildings based upon aesthetics. The most appealing argument is likely to prove that of dollars and cents. Unless as an advertising proposition (which need not greatly concern us) skyscrapers don't pay. New York has found this out rather expensively. The results of the experiment are respectfully referred to all those growing cities in which, as a matter of local pride, skyscraper construction is now so earnestly proposed.—New York Tribune.

EMPLOYERS AID IN "SAFETY FIRST" WORK.

The safety first movement, as represented by the State Industrial Accident Commission, is receiving hearty co-operation from employers. R. L. Eltringham, safety engineer for the Commission, was recently taken on a 1500-mile auto trip by officials of the San Joaquin Light and Power Company to make suggestions for safeguarding their workmen.

In many other instances the Commission has been assured of the hearty support of employers in matters of accident prevention. They realize that to safeguard their workmen means money saved because fewer accidents will cause less compensation to be paid. In a great many instances the number of accidents can be reduced by more than one-half. It is also possible to secure a reduction in insurance rates by carefully safeguarding machines. In one case a refund of 25% was made to an employer in his costs of insurance, because he had made the necessary improvement recommended by the safety engineer of the Industrial Accident Commission.

Preparations are being made by the Commission to hold public hearings for the purpose of adopting and standardizing safety rules and regulations. At these hearings the Commission will meet with committees from the employers for the purpose of thoroughly going over the field with them. With their assistance such safety rules as are necessary to protect the lives and limbs of employees will be drafted and made into orders of the Commission, but no action will be taken without the co-operation of the employers.

GOLD-PLATED DOOR KNOBS!

In some of the \$25,000 a year flats on Fifth avenue, New York, the hardware is gold plated. Hinges, window brackets, fixtures, door handles, key plates, hinges are all treated with gold before being placed in position. All that is required to keep gold in fine condition is a slight rubbing with a piece of dry leather. No polish is necessary and the woodwork near this yellow hardware is never tarnished.

Silver plating on white metal is used on the trim in the dining room. Nine coats of paint are spread on the walls of the dining rooms in these magnificent flats, the same care being used as with the paneling of a motor car. The walls, instead of being highly glazed, have a soft, silky finish.

MAKES VARNISH DRY QUICKLY.

Product from Wood Oil Tree of China
Said to Have Had Revolutionary
Effect on Industry.

Five million gallons of wood oil (also known as tung oil), made from the seeds of the wood oil tree, was imported from China last year, and the product is said to have had a revolutionary effect on the varnish industry of the United States. It has largely taken the place of kauri gum and has made possible the manufacture of a quicker drying varnish, which is less liable to crack than that made from kauri gum, and has been found of special value in waterproof priming for cement. The tree is climatically

adapted for cultivation in the Southern States, and the Department of Agriculture is distributing one-year-old specimens to bona fide experimenters.

THE SOUTH AMERICAN-UNITED STATES SITUATION AS AFFECTED BY THE EUROPEAN WAR.

The European war has developed such a critical situation in South America that Director General John Barrett of the Pan American Union, in his capacity as an international officer—that is, an officer of all the South American countries as well as of the United States—makes the following urgent appeal to the commercial and financial interests of the United States:

"As the executive officer of the Pan American Union, the organization of the American republics devoted to the development of commerce, friendship, intercourse and good-will among them all, I appeal to the banking, shipping, manufacturing, exporting and importing interests of the United States to give at this moment every possible aid and attention to the critical South American situation brought on by the European war. I also ask the newspapers, in both their editorial and news columns, to give all publicity possible to this matter so that their constituents interested in this situation may be informed of their responsibility and opportunity.

"While everybody must profoundly regret that a condition of war and the sufferings of European nations engaged in a great conflict should in any way be exploited for the selfish gain of the United States, its business interests have a duty and responsibility in this crisis which must be met even if it may bring them vast material benefits. Looking at the situation in a thoroughly unselfish way, it presents demands upon the United States from South America which can not be neglected, but which, if responded to in the right spirit, will be enormously beneficial to South America and the United States alike. The problem divides itself into four heads—IMPORTS,

EXPORTS, SHIPS, AND LOANS.

"SOUTH AMERICAN IMPORTS. All South America is an enormous purchaser of the manufactured products of Europe. A large portion of this supply will be shut off during the next six months and possibly during the next year or two if the war continues. As many South American countries depend largely upon Europe for its absolute necessities, and a major part of these orders are placed but a short time ahead because of the excellence of the regular shipping facilities, they are now face to face with an immediate famine in the articles which they most generally import. According to the latest available figures collated in the Pan American Union, the ten South American countries—Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay and Venezuela—annually import products valued at \$961,000,000. Of this there come from Europe products valued close to \$660,000,000. While Great Britain supplies products of this total to the value of approximately \$273,000,000, Germany, which is completely cut off by the war, supplies \$180,000,000; France, \$81,000,000; Italy, \$54,000,000; Belgium, \$47,000,000; Austria-Hungary, \$8,000,000; Netherlands, \$8,000,000; Switzerland, \$6,000,000, and

other European countries lesser sums. For comparison it can be stated that the average imports from the United States of these ten countries of South America amount to approximately \$155,000,000. Bearing the fact in mind that the commercial relationship of South America and Europe has been so well organized and systematized that seventy-five per cent of these imports are only ordered about a month or two ahead of their delivery, it can be realized, how soon the present supplies on hand in South America will be exhausted and that she must depend upon the United States to make up the deficiency. If the United States manufacturers and exporters will exert every effort to supply this emergency demand without increase of prices, or unnecessary delay they will accomplish great permanent good for themselves and the South American business interests alike.

"SOUTH AMERICAN EXPORTS. The same compilation of figures shows that South America annually exports to foreign countries products valued approximately \$1,177,000,000. Of this total nearly \$700,000,000 go to Europe. Of these products Great Britain takes approximately \$270,000,000; Germany, \$157,000,000; France, \$104,000,000; Belgium, \$60,000,000; Netherlands, \$44,000,000; Italy, \$27,000,000; Austria-Hungary, \$22,000,000; with the remaining amount divided among different countries.

For comparison, it can be stated that these ten countries of South America export to the United States annually products valued at approximately \$250,000,000.

"With, therefore, their principal markets for their raw products temporarily closed against them, these ten countries are looking for a place to dispose of their accumulating stores, and if the importing interests of the United States, including the manufacturers of raw material, can relieve the situation by increasing their purchases they may save the South American business interests from a financial crisis.

"SHIPS FOR THE SOUTH AMERICAN TRADE. As nearly ninety per cent of the exports and imports of these South American countries are carried in German, British and other European bottoms, which are now withdrawn from the sea, all of their principal ports, like Rio de Janeiro, Montevideo, Buenos Aires, Valparaiso, Callao and La Guaira are in a state equal to that of a formal blockade. The majority of these vessels will be absolutely unable to operate for many months and possibly for several years unless the situation is quickly remedied. There is no limit to the sufferings that will come to these countries and ports if their facilities for sending out their exports and bringing in the necessary imports are cut off. In this crisis it is to be sincerely hoped that the bill now being passed by the United States Congress may be of great assistance in relieving the situation. That, however, can only point out the way. There must follow the placing upon the high seas to operate between the United States and the principal South American ports a fleet of vessels flying the American flag, and this can only be done by United States companies taking advantage of this act of Congress and carrying out the provisions of this bill.

"NATIONAL LOANS. Just as war was declared several of the principal countries of South America were negotiating loans in the European financial capitals. These loans are inspired by the pressure of local conditions and are absolutely necessary for the welfare of the countries concerned. For the present and probably for a long period it will be impossible to float such loans in Europe. Under the circumstances these governments will naturally turn to the banking and financial interests of the United States which heretofore have seldom subscribed for South American loans or shown much interest in them. By endeavoring to help out these governments in this crisis, they cannot fail to perform a great service to such governments but place themselves in a favorable position to obtain other loans in the future and favorable consideration from the governments concerned.

"In conclusion, it is gratifying to state that the Department of Commerce of the United States with commendable energy has already started an organization to relieve this situation, but far reaching results can only be accomplished by the direct action and interest of the entire financial and commercial interests of the United States; and if the Pan American Union can give information which will be helpful to those who may be interested, it will be glad to supply all the data within its power."

Up and Down the Coast.

EXETER, TULARE CO., CAL.—Members of the State Highway Commission state that their decision to postpone the proposed \$1,000,000 bond issue for good roads is conditional only, and that final decision on the matter of the proposed bonds will not be made until the members have interviewed the officials of the publicity bodies in the various towns of the county.

WILLOWS, GLENN CO., CAL.—Following a meeting of the Supervisors, which was attended by many taxpayers, the Supervisors have signified their intention of co-operating with Butte County toward constructing a free ferry across the Sacramento River. The ferry will allow Glenn County residents easy access to Chico. The ferry will be constructed for permanent use.

SACRAMENTO, CAL.—An expenditure of \$146,958 is to be made in State Institutions. The items ordered by the Advisory Board to the State Engineering Department are as follows: Agnews State Hospital, \$33,977; California School for Girls at Ventura, \$55,000; Sonoma State Hospital, \$2,500; Napa State Hospital, \$2,820; Stockton State Hospital, \$18,940; State Capitol Building, \$3,200; San Quentin Prison, \$321.

MARTINEZ, CONTRA COSTA CO., CAL.—The Hyde-Hodges Company has commenced the work of piling along the city wharf for the platform 100x150 feet for the Standard Oil Company. The firm will also construct a float off the end of the wharf where oils may be supplied to river craft.

GRASS VALLEY, NEVADA CO., CAL.—The Trustees of the Free Public Library have made application to Andrew Carnegie to erect a library building here.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building,
Engineering and Industrial Activities of the Pacific Coast.

SUCCESSORS TO

"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

—== THIS WEEK'S ILLUSTRATIONS: ==—

The A. B. Spreckels Residence as it Appears
Completed. Designed by Architect Kenneth
Mac Donald., Jr , San Francisco.

New Hospital Building to be Erected at Once
for the University of California at the Affiliated
Colleges, San Francisco. Designed by Ar-
chitect Lewis P. Hobart, San Francisco.

Wednesday, September 2, 1914.

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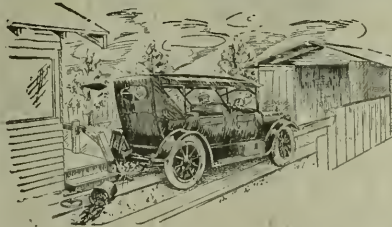
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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

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of the

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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Persistent reports state that Zeppelin air ships are dropping bombs in the night upon the city of Antwerp. The dispatches state that the bombs are dropped upon non-combatants and that generally women and children have been slain. This is a barbarous practice and can have little effect unless it be to keep the people in a constant state of fear. It is hardly probable that a general protest of the civilized world would have any effect if it is true as Germany is at war with all the world except the United States and South America. This seems particularly diabolical, however, when we consider that the Belgians are defending their country from a hostile and overpowering foe.

To leave unpunished the bold taking of immense sums from the treasury of a public service corporation would be to make a mockery of the law, and an injustice of the imprisonment of the poor wretch who purloins a loaf of bread to appease a gnawing hunger.

The evidence shows that Patrick Calhoun, under a blanket authorization, took over a million dollars in one case alone from the treasury of the United Railroads, leaving therefor nothing more than his note—which is now appraised at the value of one dollar.

The loss of this money and other large sums meant that the railroad was prevented from making the improvements in the street-car service demanded by the growing needs of the city.

The prosecution of Patrick Calhoun should be pushed speedily, to insure a just punishment of such brazen burglary on a wholesale scale.

The murder of the artist at Carmel by the Japanese seems to have been a crime of most revolting nature. This should afford an excellent opportunity for Fremont Older to show how society had wronged the poor Japanese boy and that he was in no wise to blame.

Newspaper reports give the message of the Emperor of Germany to his sons, congratulating them upon their success in the war and bestowing upon them medals and emblems for bravery. It was like a chapter from the history of the Middle Ages. For surely not in the present scheme of things should the God of our fathers be appealed to in a useless war and not in this most sanguinary conflict which seems to have no shadow of excuse.

The Nobel peace prize might be something worth a monarch's striving for. The credit for the discovery of some remedy for a dread disease would

be something worth striving for. The discovery of a new element, the perfection of a great invention adds to the world's progress and stamps those who contribute them to humanity as the great benefactors of the race.

The result of war has never left a really great name. The present conflict may weave a wreath for some victor's head, but it will make of the life blood of unnumbered thousands of slaughtered lives and be the emblem of sorrow of countless widows and orphans. What manner of men seek the bubble fame in the cannon's mouth. Where military rule exists political liberty cannot be. It matters not whether the militarism be German or Russian or what not, the rule of the soldier always strikes at the arts of peace and is inevitably opposed to popular rule.

Europe has long been an armed camp. It has cost the governments and particularly Germany millions of dollars annually to maintain its army spies. Every man must serve in the army or navy, and he must be ready at a moment's notice for actual warfare. Every other nation must do likewise or it is likely to be wiped off the map by an overwhelming and sudden attack as the present action indicates. Intrigues are founded on treachery and false oaths, and treaties are so much paper to be burnt up when the military monarch gets it into his head that he is called upon by God to rule the world.

Certainly it is a strange world, and one wonders whether or not the brutal cluh of militarism is going to destroy science and art and the progress of the last hundred years, and turn the clock back to the days of barbarism. One reads of the awful slaughter of the contesting armies; men killed so fast that they didn't have room to fall but remained in a standing posture, propped up by their dead comrades in arms; of cities depopulated and the gutters running red with the blood of slaughtered humanity. And when one realizes that this blood is of the bravest and the best of men taken from the various walks of life, many of them of far more brains and capacity than the monarchs who have brought on this brutal and awful war, it is impossible to believe that those responsible can invoke the blessing of a just God, or can have the effrontery to claim to be the followers of the Prince of Peace.

No doubt the war will be a long and bloody strife. From the smouldering ruins of depopulated cities will come the cry of want and famine, and from every fireside the lamentations for slaughtered kinsmen. And if from out the ruin there comes a bright day, the overthrow of militarism, and the substitution of constitutional government, it is to be hoped that the sacrifice, awful as it is, shall not have been made in vain.

A City's Waste.

By J. E. Crichton, M. D.

The frequent statements made by sanitarians and magazine writers as to street departments being the municipal housekeepers are far from being entirely correct. A street department, as a matter of fact, keeps the halls and corridors of your city clean, but it is to the sanitary division that your citizens look for the real housekeeping which modern civilization now demands. In order to know whether municipal housekeeping is being properly supervised or not, it is necessary for one to approach a city through its back yards, through dark alleys and by-places, rather than to find entrance through the marble gate or over the well-kept lawn and shaded driveway.

Within a few years every intelligent woman has come to regard her kitchen as the most important part of her entire home; a room which at all times must be kept scrupulously clean. It should not only be clean, but it should contain modern plumbing; it must be well-lighted and splendidly ventilated, and it should be so constructed that it may be free from those things which annoy and disturb. It is no longer the parlor and spare bed room which demand unceasing attention, but it is the kitchen which now stands paramount in the economy of the home.

The garbage division of our municipalities, then, is the department which is charged with the proper hygienic condition of a city to the greatest degree. The true garbage which comes from thousands of homes, with the vast quantities of rubbish and waste of all kinds and descriptions known to civilized man, must be collected and handled expeditiously, and without unnecessary annoyance or cost. For ages urban communities have regarded the garbage man as a person upon whom to vent their morning "grouch," a man upon whom it is not necessary to lavish any considerable respect; a person, who, on account of the peculiar work which he does, can justify no word of kindness or courtesy. And yet there is no vocation in a city that is as important as general health work, and more particularly the collection of waste or garbage of one kind or another which so quickly jeopardizes life—that thing held most precious both by the barbarian and by the man of civilization.

The waste of a city is both solid and liquid. Liquid wastes are at times difficult of disposal, and as fine a brain must be brought to this question as to any other branch of sanitary engineering. The liquid wastes, carrying the most virulent poisons of which we know (the excrements from the human body), must be disposed of in a reasonable, proper manner, or a city cannot thrive; it cannot increase in population, in financial strength and moral influence. Destroy all discharges from the human body and contagion would almost cease. Five hundred thousand people now destroyed annually in the United States with preventable diseases, would live to grow to manhood and womanhood to enrich our country with their energies and productive

powers. And yet there is brought to the subject of garbage collection and disposal, and to the subject of the disposal of liquid wastes, a dearth of knowledge surprisingly shown in the treatment of such a vital question in nearly every city and hamlet on this continent. Strong language can be used at this point when we state that the ignorance displayed by the ordinary city in the treatment of these wastes is not only lamentable but without excuse. It is our opinion that more millions of money have been absolutely wasted in this country in dealing with this question than upon any other single public utility when compared in either case to the amount really necessary.

In order that our cities may benefit from the little knowledge which I have been able to acquire during the past twenty-two years of municipal work as chairman of the health committee of my home city, or as its commissioner of health, let us take up the question of liquid waste disposal first and see if there are not some points which may be of real and immediate value to the many villages and cities in this state. We know that in the state of Washington, outside of a few cities, comparatively little has been accomplished along these lines, and that now is the time when correct ideas, properly applied, will not only mean the wise and economical expenditure of millions of dollars, but will largely result in the saving of human life and in greatly lessening the amount of sickness and suffering.

There are several modern and reasonably efficient and safe methods of disposing of liquid waste, generally called sewage. Not all the methods which are now being attempted have proved successful, and we know that some of these methods will likely result in failure, and yet several methods are important steps forward in the disposal of these impurities. A normal individual can meet and overcome germ life when not too abundant; so direct sewage connection with the ocean is, in my opinion, of all methods the most safe and economical. The enormous dilution and oxygenation, which the mind of man cannot comprehend, the effect of the chemical constituents of salt water upon all forms of putrefying substances, make this method the most feasible and incomparably the best method of disposal. Sewer connection with great lakes necessarily must be occasionally recommended, and yet, frankly speaking, all sanitarians must admit that there is some real danger which exists even in well selected instances on account of peculiar and unexpected water currents, and on account of the influence of continued and heavy winds. Of course we are speaking of properly constructed sewage systems, and we are not attempting to deal with improperly conceived plans, which would be a failure under almost any conditions. Flat sewers, or sewers the outflow of which is not properly stationed at sufficient distant off-shore, or sew-

ers debouching into shallow water, or where there is likely to be danger at the outfall from insufficient knowledge of natural laws, are to be avoided. Great rivers may receive much sewage without much real danger, but certain proportions must always hold—no more than three parts of suspended matter in 100,000 parts water is safe. Small rivers and streams are always dangerous when so used. The oxidation and bacterial treatment of sewage covers a field of usefulness which we believe will be of the greatest possible use to many inland cities. Sufficient dilution of sewage in cities situated too far distant from water courses of great size and adaptability, or lakes or ocean, can not be thought of. In river or lake disposal systems oxygenation is a considerable factor as is the volume of dilution in determining the advisability of such disposal.

In this paper we can only touch upon the methods which are now in operation, and must leave the details largely to the counselors and sanitarians in the different communities within our state. Suffice to point the way which may be followed by our cities and towns in deciding what shall be their most permanent method of ridding themselves of this liquid poison which compels attention from the aristocrat just the same as it compels and demands it from the man who carries the hod, or from the man who carries the garbage from your cellars that your home may be kept wholesome and free from disease.

Oxidation of sewage by methods more or less complex means the bringing of sewage into close contact with oxygen and aerobic bacteria. There are several methods for producing this chemical change.

First, there is what is known as the trickling process, which means as ordinarily considered the trickling of sewage, mixed with water carrying oxygen, through fine sand. Dilution treatment means the introduction of sewage into large quantities of naturally aerated water containing the normal amount of oxygen. Then there is the method of irrigation on to lands, with the idea of, fertilizing same. There is a process of contact filtration and the different devices for filtering sewage. These depend not alone on oxidization, but upon bacterial action as well.

It is necessary to consider carefully the quantity of oxygen in the stream or in the waters in which it is desired to discharge sewage, and the first thing to know is whether, under natural conditions, the water is well aerated or not. In other words, does it contain the usual quantity of oxygen.

Living, moving bodies of water, existing either as lakes, oceans or rivers, are saturated with a substantially normal amount of oxygen. Oxygen is removed from all waters by the introduction of organic material. So, in selecting water, you must consider the amount of oxygen which has already been used for sewage destruction pur-

poses. We cannot speak fully on all the questions which enter into the selection of these most important and truly remarkable sewage disposal principles. It is not a question particularly intricate when the different methods are reasonably well understood. The occasion of failure so often recorded is because engineers and city councils do not take pains to know the difference between successful and unsuccessful plans.

You could not think of introducing large quantities of sewage into a small stream without the destruction of human life below. The quality of sewage is of vast importance and very frequently spells disaster if not carefully considered. Trade sewage often times stops all chemical and bacterial action. The strength of mineral acid like sulphuric, a very common content of sewage in manufacturing districts, at times, makes the methods of filtration and oxidation utterly useless. Cities and towns make serious blunders in not selecting sanitary engineers of known ability and broad experience before selecting their permanent sewage disposal methods.

Nearly all forms of sewage demand some particular method of treatment. The question of handling sludge, the heavy part of sewage, must have special attention, and the solution of the problem has now reached a stage where long experimentation is scarcely necessary. It is to be understood that no method has yet been introduced into practical operation which is a complete success. Clark, of Boston, one of the most eminent authorities on sewage disposal, has accomplished wonderful results both experimentally and practically. From his filter beds, the most eminent sanitarian in this country, during my visit to Boston last summer, drank of the effluent and still lives.

We are not attempting to consider what used to be known as chemical methods by the use of certain strong chemical agents. They have proved in many cases utterly worthless and excessively expensive.

We call the dumping ground where we are carrying on our special process a "sanitary fill." It is located within four hundred feet of fine homes in plain view. We spread out over a considerable area the daily supply of mixed waste and cover the same with a porous material, preferably the crushed clinker or slag from our incinerators. This kind of clinker is only produced in forced draft furnaces, and when crushed to the size of a hickory nut is full of voids and allows the greatest possible freedom of gaseous interchange which results in a very rapid attack upon organic material by the oxygen of the air. We have used coarse sand in some instances, but it is not nearly as satisfactory as the crushed slag or clinker. We believe that rather fine washed gravel would act about as well. Our desire has been to cover a sufficient area of ground, only two or three feet deep, so that the process of nitrification would be well advanced before going over the same area the second, third or fourth time at intervals of about every three to four months. It should be mentioned at this point that it is our aim to fill the tract of land upon which we are adapting this process to a given depth for parking purposes. As the gaseous disintegration

proceeds the whole bulk of the fill gradually subsides, and every three or four months we have it gone over the second and third time again. We have made within the past week an examination of this fill, which is now from eight to ten feet in depth, and have found the putrescible material substantially oxidized and destroyed. Unsorted waste, on account of its character, is easily oxidized. If this process proves successful Seattle will have been at least among the first of all American cities to have provided a method of garbage or waste disposal almost ideally perfect. We cover our waste, you should understand, simply to stop all odors and so that the fill may present a better appearance. We cannot at this time know exactly whether our crushed clinker is the most valuable porous covering or not. Such seems to be the case now. If such is the case, as a matter of fact, then with out three incinerators in the central portion of the city where there is an immense garbage accumulation and much trade waste to operate same economically we have a permanent source of clinker supply. We would hardly attempt the making of a fill in this district.

Understand that in using the term waste we mean garbage and rubbish, and refuse, and everything else wasted by man and having for him no further value. In taking up the great division of garbage collection and the disposal, or more properly called waste collection and disposal, we find a field of municipal effort in which the most inexcusable blunders have been, and are being made. We find the municipal collection of waste in most every city given over to the political forces in power, and so far as the political parties themselves are concerned, the blunders are just as great in one party as another. Garbage or waste collection has been the pot of gold to be plundered by every "ward heeler" in substantially every city. Throughout the great American cities the systems of accounting are deficient; the methods of collection are in most instances different, and there is an entire lack of uniformity in methods or practice of waste disposal. Many cities, more than 250 in the United States, are attempting, or have attempted, some form of incineration. Substantially 60 per cent of these plants have proven absolute failures, and a considerable portion of those now said to be working satisfactorily would not be allowed in the city of Seattle by its present commission of health. There are, however, a few furnaces installed at the present time doing the work which justified their building. The Meldrum Brothers' furnaces in use in Seattle have been doing all that could be reasonably expected of them. The Heenan type of furnace in Milwaukee seems to be doing its work well, as does the Fred Smith furnace in Portland. If city authorities would but use ordinary common sense in the incineration of their waste, and selected furnaces which are now operating satisfactorily in this country, an immense saving would result and a vast amount of trouble and annoyance would be saved the people. The successful incinerators, and by that we mean furnaces that burn the entire waste of a city unsorted and without the addition of any kind of fuel, are in every instance what are known as the forced draft

furnaces. The American furnaces, so far as my knowledge goes, with the exception of the Fred Smith, have been absolute failures in comparison. They will not burn unsorted waste, nor will they, as a rule, burn without the addition of artificial fuel. This statement is unqualifiedly true, I believe. The thousand and one ingredients found in a ton of waste give but a faint idea of the other tens of thousands of things found. A pile of garbage certainly gathers to itself from the farthest corners of the earth queer and strange things which tax the minds of men to dispose of and destroy. Mixed with all this waste, rubbish and refuse are thousands of old mattresses, lounges, stoves, water heaters, old furniture, stove pipe, sheet iron and substances of every possible description. Mixed generously through this stuff is the usual and customary putrefying kitchen waste which so frequently cries aloud for destruction. This material, by the way, is the substance which makes it possible to obtain in our tax levy the necessary funds for the removal and destruction of substances really dangerous. Nine housewives out of ten will keep the telephone more than busy if there is failure to empty a garbage can full of decomposing apple and potato parings, intermingled possibly with a few shreds of beef or other meat scraps, turnips, cabbages or other farm products, while they will placidly sit idly by and allow a mattress, removed from a bed upon which has died a case of tuberculosis, typhoid fever, scarlet fever or diphtheria, to lie around the back yard, not appreciating the fact that in itself garbage is as harmless in the garbage can as it was when it appeared as food upon their tables; nor do they appreciate the fact that the mattress and rags, old sheets and wall paper and old carpet thrown about the back yard, upon which and around which their children play, are by far the most dangerous. How few American cities, indeed, collect such material with any regularity, if at all. Some cities collect this stuff but twice a year, and as a consequence such cities are not rendered as healthful as might otherwise be the case.

Before we pass to another form of waste disposal and the one which Seattle is operating under to a certain degree, and with the greatest possible satisfaction, in order that we may not be misunderstood, we desire to state that true garbage or kitchen waste, while not in the slightest degree dangerous per se, no matter how evil it smells, yet affords feeding grounds for flies and rats and breeding grounds for the former. The fly is one of the most dangerous insects known to man, and ranks, in its causative influence in the production of typhoid fever, diphtheria, tuberculosis, scarlet fever and other fatal diseases as do the special forms of mosquito life in the spread of yellow fever and malaria; as does the tick, the causative agent of mountain fever, or as the hook worm, the causative agent of the deplorable hook worm affliction; as does the tsetse fly in causing sleeping sickness; or as does the rat flea in communicating bubonic plague to man.

The complete destruction of the waste of a city by nitrification has been attempted in Seattle for more than eight months last past and has

(Continued On Page 40.)

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 1 story and base, Class C, \$17,000. Architects, Zanolini & Jewett, 604 Montgomery street, S. F. Owner, Mary M. Bradbury. The building will be erected at the northwest corner of Polk and California streets, covering an area of 100 by 150 feet. There will be seven stores on the Polk street frontage, while the California street side will contain only the entrance to the upper floors. Plans show a large number of two and three room suites on the upper floors. Interior finish will be of pine and redwood. There will be steam heat, an automatic elevator and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and composition. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architect, none. Owner, F. W. Lurmann, 1131 Hyde street, S. F. The building will be erected on the south side of California east of Hyde, covering an area of 27½ by 123 feet. There will be twelve suites of two and three rooms with private baths and wall beds. Interior finish will be of pine with some elm panels. Plans provide for steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with rustic and pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$50,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Octavia street between Page and Oak, and has been designed to contain thirty suites of two and three rooms. All apartments will have wall beds and private baths. Interior will be finished in pine with some hardwood floors and elm panels. Plans provide for automatic elevator, steam heat and a hot water supply. Bath rooms will be finished in tile with composition floors. Entrance of the building will be finished in tile and marble. Exterior of the building will be covered with cement plaster and rustic. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$35,000. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Pine street, having a frontage of 60 feet. There will be a number of two and three room suites, all of which will have private baths and wall beds. Interior finish will be of pine and elm. Hard-

wood floors will be used in the social room and entrance. There will be an automatic elevator, steam heat and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Dolores street, and has been designed to contain six suites of three and four rooms. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and elm panels. Some oak floors will be used. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a hot water supply. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$3,500. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Waller street between Steiner and Fillmore, and has been designed to contain thirty suites of two and three rooms besides a large social hall. Interior finish will be of pine and redwood. Elm panels and oak floors will also be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$30,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, Kincaon Construction Co., 215 Montgomery street. The building will be erected on the south side of Post street west of Polk, having a frontage of 27½ by 120 feet. There will be a total of 20 suites arranged in two and three room apartments. Plans provide for steam heat, an automatic elevator and hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with tapestry brick veneer. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Apartment house, 4 story and base, brick and steel, \$75,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Ellis street near 15th, and has been

designed to contain 30 suites of three and four rooms. There will be private baths and wall beds. Interior will be finished in pine and hardwood veneer with hardwood floors in the living rooms. Plans provide for an automatic elevator, steam heat and a hot water system. Vacuum cleaning will also be installed. All bath rooms will be finished in tile. Entrance will have tile and marble wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, brick and frame, \$10,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Grand avenue, and will cover an area of 90 by 123 feet. Apartments will contain from three to six rooms and will be handsomely finished in pine, redwood, white enamel and hardwood veneer. Hardwood floors will be used in the principal rooms. All suites will have wall beds and private bath rooms. There will be steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will be finished in tile. Exterior of the building will be covered with a pressed brick veneer. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawfis. The building will be erected at the northeast corner of Prince and Ellsworth, covering a considerable ground area. There will be a total of twelve suites arranged in apartments of two and three rooms. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the principal rooms. There will be a central heating system and a hot water supply. All apartments will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, F. H. Gentry, Marsh-Strong Bldg., L. A. Owners, Business Properties Co. The building will be erected at the corner of Moneta and Santa Barbara avenues, covering an area of 50 by 120 feet. There will be two stores on the first floor besides the entrance. Upper floors will contain a total of 45 rooms arranged in suites of two and three rooms. Interior finish will be of pine and redwood. All apartments will have wall beds and private baths. There will be steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. Patent store fronts will be used. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL. — Apartment house, 1 story and base, brick. Cost not stated. Architect, Richard D. King, 1 W. Hellman Bldg., L. A. Owner, J. A. Hill. The building will be erected on Hope street north of 3rd, and will cover an area of 60 by 150 feet. There will be a total of 97 rooms arranged in suites of two and three rooms with private baths. Interior will be finished in pine and elm. All apartments will be equipped with wall beds. Plans provide for an automatic elevator, steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is taking figures. All parts of the work will be segregated.

PORTLAND, ORE. — Apartment house, 3 story and base, concrete and brick, \$35,000. Architect, C. A. Duke, Failing Bldg., Portland. Owner, H. Meter. The building will be erected at the gore of Market, Third and Clay streets, covering an area of approximately 76 by 97 feet. There will be four stores on the first floor besides the main entrance to the apartments. Upper floors will contain 37 rooms, arranged in suites of two and three rooms. There will be pine and redwood finish and some oak floors. All suites will have wall beds and private bath rooms. Plans provide for steam heat and a hot water system. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND ORE. — Apartment house, 3 story and base, brick or concrete, \$30,000. Architect, none. Owner, T. A. Sutherland, 1084 Hawthorne avenue, Portland. The building will be erected at the southeast corner of Glenn and Hawthorne streets, covering an area of 95 by 60 feet. There will be a total of 23 apartments, all of which will have wall beds and private bath rooms. Interior finish will be of pine and elm panels. Some oak floors will be used. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile wainscot and composition floors. Tile and marble will be used in the entrance. Exterior of the building will be faced with cement plaster or pressed brick. Plans are being prepared by the owner.

Contracts Awarded.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick, \$60,000. Architect, John B. Nicholson, Wright and Callender Bldg., L. A. Owner, H. B. White, Contractor, Fred Siegle, Van Nuys Bldg., L. A. Contract price, \$60,000.

BANKS.

PORTLAND, ORE. — Bank, Class A construction, \$400,000. Architects, Shepley-Rutten & Coolidge, Boston, Mass. Owners, First National and Security Savings and Trust Co. The building will be erected at the corner of 5th and Stark streets and will cover a large ground area. Construction will be of the Class A type with a heavy steel frame. It has been stated that Architect David D. Lewis of Portland would be associated with the Boston firm and would have complete charge

of the building. Other than the fact that the design will be in the Athenian Parthenon style of architecture no details have been made public. Construction will not be started until January of 1915. Further mention will be made of this work.

BONDS.

SAN FERNANDO, LOS ANGELES CO., CAL. — Action of the City Trustees of the San Fernando High School, taken at the previous meeting, calling a bond election to vote bonds of \$150,000 for additional high school buildings, has been endorsed by the voters of the district. Architect J. C. Austin has prepared plans for the buildings and has presented them to the City Trustees for their approval.

PHOENIX, ARIZ. — Application for permission to issue \$2,000,000 worth of bonds has been filed by the Arizona Hydraulic Power Company with the Corporation Commission. The company contemplates the installation of extensive power plants on the Verde River, and furnishing of power to a number of communities in Yavapai County.

SANTA BARBARA, SANTA BARBARA CO., CAL. — An ordinance has been adopted here by the City Council declaring regularity of the sale of 130 Mission Tunnel bonds of the City of Santa Barbara, to the Santa Barbara County National Bank. The bonds are in the sum of \$60,000.

DOWNEY, LOS ANGELES CO., CAL. — A school bond election held here recently carried by a large majority. The bonds are for \$35,000, and will be used in the construction of a new school building. Money is available for the building and the purchase of additional school grounds.

ORANGE, ORANGE CO., CAL. — Sealed bids were received here last Monday for the purchase of bonds amounting to \$10,000. Bonds were 20 in number bearing 5 per cent interest. C. W. Hallman is the City Clerk.

MONROVIA, LOS ANGELES CO., CAL. — A school bond election will be held here on September 4th for the voting of bonds amounting to \$40,000. The money will be used in the construction of school buildings, furnishing and equipping same and the purchasing of additional school grounds.

MILWAUKEE, ORE. — Water bonds in the amount of \$20,000 have been declared legal by attorneys and funds will be forthcoming. Question of purchase of present plant or construction of pipe line to connect with Bull Run water will now be taken up by the Mayor and City Council.

COLUSA, COLUSA CO., CAL. — Sealed bids will be received until September 10th by the Supervisors for the sale of bonds amounting to \$125,000. Proceeds will be used in the construction of State Highway. W. J. King is Clerk of the Board.

PRINCETON SCHOOL DISTRICT, COLUSA CO., CAL. — A petition has been presented to the Supervisors of Colusa County asking them to cancel the \$12,000 issue of bonds of July 14th, 1913.

SANTA BARBARA, SANTA BARBARA CO., CAL. — A bond issue of at least \$1,000,000 for a complete system of highways and roads through the county and for other needed improvements has been advocated by the citizens.

Strong resolutions were adopted favoring the issue of the bonds. The matter is now being considered by the city officials.

SEBESTOOL SCHOOL DISTRICT, SONOMA CO., CAL. — Sealed bids for purchasing bonds in the sum of \$20,000 will be received here by the Board of Supervisors until September 10th. The funds will be used in the construction of a school building and other improvements. W. W. Felt, Jr., is the County Clerk.

TURLOCK, STANISLAUS CO., CAL. — Only one bid was received here by the City Trustees for the sale of fire bonds. G. G. Blymer offered \$16,000, accrued interest to date and a premium of \$8.00, which on motion was accepted. The funds will be used in the betterment of fire protection.

YUBA CITY, SUTTER CO., CAL. — The Sutter County Board of Supervisors have sold the \$5,000 school bond issue to the First National Bank of this city. The money will be used in the construction of a new school building for the Live Oak School District.

RED BLUFF, TEHAMA CO., CAL. — Tehama County has voted bonds in the sum of \$200,000 for the construction of roads and bridges throughout the county.

RIO VISTA, SOLANO CO., CAL. — Bonds, which were refused by a Los Angeles firm, will be purchased by the State. Funds will be used in making improvements throughout the county.

ANDERSON SCHOOL DISTRICT, MENDOCINO CO., CAL. — An election for the voting of bonds in the sum of \$2,000 was held here on August 29th. The proceeds to be used in the construction of a school building.

BRIDGES, DAMS AND HARBOR WORK.

AROMAS, SAN BENITO CO., CAL. — Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor McCray, Hollister. Owners, San Benito County, Santa Cruz County and Monterey County. Plans and specifications for a tri-county bridge at Aromas have been completed and received the approval of the joint county boards. Bids are being advertised and will be opened by the Board of Supervisors in joint session on September 21st. Complete information, plans and specifications can be secured by addressing County Surveyor McCray at Hollister.

PAICINES, SAN BENITO CO., CAL. — Bridge, concrete and steel. Cost not stated. Engineer, County Surveyor McCray, Hollister. Owners, San Benito County. Plans and specifications for the bridge over the San Benito Creek at Paicines have been completed and approved by the Board of Supervisors. Bids will be opened on September 21st. Plans and specifications can be secured from the County Surveyor at Hollister.

RICHMOND, CONTRA COSTA CO., CAL. — Harbor wall, earth and creosoted piles, \$50,000. Engineer, City Engineer, Richmond. Owners, City of Richmond. The Healy-Tibbitts Construction Co. has been relieved of a contract amounting to \$50,000 on the construction of the outer sea wall in Richmond. Healy-Tibbitts asked that such action be taken claiming that condition in the coastwise trade between Richmond and Washington since the war are such that it is hardly pos-

sible to secure shipments of creosoted piles. The work will probably be re-advised.

MARIN CO., CAL.—Bridges, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Plans are complete and have been approved by the County Board of Supervisors for removing old frame bridges and constructing new reinforced concrete structures in certain road districts in Marin County. Bids will be opened on September 8th. Plans and specifications can be secured from the County Clerk.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridges, 2, steel and concrete. Cost not stated. Engineer, County Surveyor Quail, Stockton. Owners, County of San Joaquin. County Surveyor Quail will have complete charge of the construction of the two large steel bridges to be erected over the Old and Middle Rivers. As has been stated before, permission to construct these bridges has been granted by the War Department, and construction will be started in about sixty days. Both bridges will be designed to carry electric car service, highway and passenger traffic. Further mention will be made of the work when figures are called.

WILLOW CREEK, TEHAMA CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans have been completed for a road bridge over Willow Creek in Road District No. 4. The bridge will be of steel and concrete. Figures are now being taken for this work and will be opened by the Board of Supervisors on September 10th. Plans and specifications can be secured from the County Clerk.

ASTORIA, ORE.—Dock sheds, etc., 1 and 2 story, hollow tile construction. Cost not stated. Engineer, F. J. Walsh, Port of Astoria. Owners, Port of Astoria. The building will be 1430 feet long and 90 feet wide, one story high, with a portion of the building, 250 feet long, two stories high. This part will be used for the various offices and passenger accommodations. There will also be platforms on each side, to extend the entire length of the building, 40 feet wide. Provision will also be made for a cold storage platform 350 feet square. The doors and windows will be of steel, while the roofing will be of asbestos, and the walls hollow tile construction.

Contracts Awarded.

HOLLISTER, SAN BENITO CO., CAL.—Bridge, steel and concrete, \$19,196. Engineer, County Surveyor, Hollister. Owners, San Benito County. Contractors, Security Construction Co., Los Angeles. Contract price, \$19,196.

CHURCHES.

RIVERSIDE, RIVERSIDE CO., CAL.—Mausoleum, 1 story and base, granite, \$130,000. Architect's name not given. Owners, California Mausoleum Company, Los Angeles Investment Bldg., L. A. The building will be of reinforced concrete construction with granite facing on the exterior and marble and bronze interior finish. It will contain from 350 to 500 crypts, the size depending upon the support the project receives from the people of Riverside.

RIVERSIDE, RIVERSIDE CO., CAL.—Mausoleum, 1 story and base, reinforced concrete, \$85,000. Architect, none. Owners, Granite Mausoleum Co., 810 South Flower street, Los Angeles. The building will be erected in Olive-wood Cemetery. The general construction work will be under the supervision of J. A. Mathis, 236 West 31st street, vice-president of the company. The granite work will be done by Bly Bros. & McMillard, C. E. Bly is treasurer of the company, and Fred E. Pierce, of Pierce Bros., undertakers, president. It will be of reinforced concrete construction with granite exterior facing and white marble and bronze interior finish.

PORTLAND, ORE.—Church, school and residence, 2 story, brick, \$250,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Roman Catholic Church. These buildings will be erected on the block bounded by Couch, Davis, 17th and 18th streets. In general, the style followed will be Italian renaissance, with exterior finishings in brick and terra cotta trimmings. The church and residence will be connected, and in an interior court will be constructed a cloister and a playground for the school children. The school building will be two stories in height, with five class rooms and an office on the first floor, and class rooms and a social hall on the second. The basement will house the manual training department and the boys' and girls' lavatories, together with an auditorium for the school. Plans are being prepared.

Factories and Warehouses.

EMERYVILLE, ALAMEDA CO., CAL.—Tallow reduction plant, 1 story, concrete and corrugated iron, \$12,000. Architect, John H. Powers, 460 Montgomery street, S. F. Owners, Peterson Tallow Co. The building will cover a considerable area and has been designed for a modern reduction works. A cement floor will be used. The estimated cost does not include special machinery to be installed. Exterior of the building will be covered with corrugated iron. Plans are complete and figures are being taken.

MERCED, MERCED CO., CAL.—Gas plant addition. Cost not stated. Engineer, Mudell. Owners, San Joaquin Light and Power Co., Merced. Gas Engineer Mudell has approved plans and specifications for a new gas holder and additions to the generating plant of the company at Merced. Work has been started under the Day Labor system. The new additions will double the present capacity of the plant. The work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Winery addition, 1 story and base, frame and brick. Cost not stated. Architect, John H. Powers, 460 Montgomery street, S. F. Owners, California Wine Association. The building will be erected on property adjoining the Fresno Plant B, and will add 12,500 gallons capacity to the plant. Construction will be of the heavy mill type with exterior walls faced with stock brick. Interior will be left unfinished. Large wine storage tanks will be used. Plans are complete and in the hands of the owners who will let all contracts from their Fresno office.

SEATTLE, WASH.—Cold storage plant, 3 story and base, reinforced concrete, \$210,000. Architects, H. Baetz, associated with Chief Engineer P. P. Whitman of the Port of Seattle Commission, Seattle. Owners, City of Seattle. The building will be erected at the northwest corner of Spokane and Whatcom streets, covering an area of 147 by 195 feet. Construction will be fireproof throughout with heavy concrete walls, floors and roof slabs. Interior partitions will be of hollow tile. There will be four elevators of 4,000 pounds capacity. Special refrigerating machinery will be installed costing in the neighborhood of \$250,000. Exterior of the building will be faced with cement plaster. Plans are complete and now out for figures. Bids will be opened by the Port of Seattle Commission on September 23rd. Plans and specifications can be secured on application to the Commission at Seattle.

SEATTLE, WASH.—Warehouse, 3 or 4 story, reinforced concrete, \$75,000. Architect, H. Baetz, associated with Chief Engineer P. P. Whitman, Port of Seattle Commission, Seattle. Owners, City of Seattle. Preliminary studies have been started for a fish storage warehouse to be erected in connection with the municipal dock cold storage plant at Seattle. The intention is to construct a building having a capacity of 2,000,000 pounds with an ice storage plant of 5,000 tons capacity. The structure will be of fireproof construction. Further mention will be made of the work as plans progress.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, J. W. Gillogley, 714 San Jose avenue, S. F. The building will be erected on the east side of San Jose avenue north of 30th street, and has been designed to contain two flats of five and six rooms. Interior finish will be of pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Frank Giarritta, 3254 Scott street, S. F. The building will be erected on Scott street south of Chestnut, covering an area of 25 by 54 feet. There will be a store on the first floor. Upper floor will be arranged for one six-room flat. Interior will be finished in pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room will have tile wainscot. Terrazzo entrance steps will be used. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two buildings will be erect-

ed on Central avenue north of Hayes, and each has been designed to contain two modern flats of five and six rooms. Each building will cover an area of 25 by 57 feet. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Exteriors of the buildings will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

GOVERNMENT WORK & SUPPLIES.

Pearl Harbor, H. T., Industrial Buildings.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., August 15, for erecting 5 industrial buildings at the U. S. Naval Station, Pearl Harbor, H. T.:
W. N. Concanon, 525 Market St., San Francisco, Cal., \$63,830.
Spaulding Construction Co., San Francisco, Cal., \$73,360.
Lord-Young Engineering Co., Honolulu, H. T., \$60,975.
Honolulu Plaining Mill, Ltd., Honolulu, H. T., \$75,550.

Denver, Colo., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., August 17, for furnishing plaster models for the U. S. post office at Denver, Colo.:
Menconi Bros., New York City, \$8,450.
Neumann & Eren, New York City, \$6,530.
Piccirilli Bros., New York City, \$14,870.
H. W. Miller, Inc., New York City, \$6,979.

Steel Frame, McQueen Well.

Abstract of proposals for centrifugal pump and steel framework for McQueen Well, Salt River project Arizona, U. S. Reclamation Service, bids opened at 2 p. m., August 7, 1914:

1. Byron-Jackson Iron Works, Los Angeles, Cal., at West Berkeley, Cal., apparatus, 40 days, \$10 per ft.
2. Krogh Manufacturing Co., San Francisco, Cal., at San Francisco, Cal., apparatus, 40 days, \$9.00 per ft.
3. Felton Water Wheel Co., San Francisco, Cal., at San Francisco, Cal., apparatus, 45 days, \$25.80 per ft.

Hanford, Cal., Plaster Models.

The bid of Ernest C. Bairstow, Washington, D. C., \$535 in amount, has been accepted for making plaster models for the U. S. post office at Hanford, Cal.

Logan, Utah, Paving Driveway. Etc.

The contract for paving driveway, etc., at the U. S. post office, Logan, Utah, has been awarded to Grohne Contracting Co., Joliet, Ill., at \$2,194; time, October 10, 1914.

Bozeman, Mont., Post Office.

All bids received by the supervising architect, Treasury Department, Washington, D. C., July 26, for the construction, complete, of the U. S. post office at Bozeman, Mont., have been rejected.

FOREIGN BUILT SHIPS.

The following is the bill which Congress adopted with relation to the admission of foreign-built ships to American registry:

"An act to provide for the admission of foreign-built ships to American registry for foreign trade and any other purposes.

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled. That the words 'not more than five years old at the time they apply for registry,' in section V of the act entitled 'An act to provide for the opening, maintenance, protection, and operation of the Panama Canal and the sanitation and government of the Canal Zone, are hereby repealed.

"That the President of the United States is hereby authorized, whenever in his discretion the needs of foreign commerce may require, to suspend by order, so far and for such length of time as he may deem desirable, the provisions of law prescribing that all the watch officers of vessels of the United States registered for foreign trade shall be citizens of the United States.

"Under like conditions, in like manner, and to like extent the President of the United States is also hereby authorized to suspend the provisions of the law requiring survey, inspection and measurement by officers of the United States of foreign-built vessels admitted to American registry under this act.

"This act shall take effect immediately."

This is the original measure introduced in the House, the Senate receding from its proposed amendments after rejecting a bill agreed to by conferees.

Under the terms of the House bill the foreign-built ships admitted to registry in the United States will not be entitled to enter the coastwise trade of the United States. The House bill, which is the one that will be enacted, amends the Panama Canal act, which admits to registry foreign ships that have been built within five years. The bill accepted removes the five-year restriction and will admit all foreign-built ships to American registry for the overseas trade.

The House bill also authorizes the President in his discretion when the needs of domestic commerce in his judgment require it to suspend the navigation laws of the United States in so far as they require that officers of the foreign-built ships shall be American citizens and to waive the requirement for survey, measurement, and inspection by American officers.

Greeley, Colo., Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., August 13, for furnishing plaster models for the U. S. post office at Greeley, Colo.:

- E. Jung, Washington, D. C., \$873.
- Lombard & Ludwig, Washington, D. C., \$1,359.
- E. C. Bairstow, Washington, D. C., \$1,400.

Idaho Falls, Idaho, Plaster Models.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., August 14, for furnishing plaster models

for the U. S. post office at Idaho Falls, Idaho:

- E. C. Bairstow, Washington, D. C., \$1,108.
- E. Jung, Washington, D. C., \$1,243.
- Lombard & Ludwig, Washington, D. C., \$1,381.
- J. Brys & F. Bruynlnck Co., Washington, D. C., \$2,072.

Wood Stove Pipe.

The Secretary of the Interior has authorized the Reclamation Service to award contracts as follows for wood stove pipes for use on the Belle Fourche, S. D., North Platte, Nebraska, and Ncompahgre, Colorado, irrigation projects:

Schedule 1 for 1,750 ft. 60 in diameter pipe for the Belle Fourche project to the Washington Pipe and Foundry Co., of Tacoma, Wash., contract price \$4,987.50.

Schedule 2 for 2,406 ft. of 24 in diameter pipe for the North Platte project to the Pacific Tank & Pipe Co., of Portland, Ore., contract price \$2,598.48.

Schedule 3 for 8,560 ft. of 32 in diameter pipe for the Ncompahgre project to the Pacific Tank & Pipe Co., of Portland, Ore., contract price \$11,213.60.

Lighting Unit and Engine.

The following is a schedule of the bids received July 27 at the office of the U. S. Reclamation Service, Los Angeles, Cal., under advertisement 318, for lighting unit and engine for St. Marys Storage Unit, Milk River Project, Mont.:

General Electric Co., Los Angeles, Cal., item 1, \$1,140; at Schenectady, 14 days.

Allis Chalmers Co., Los Angeles, Cal., item 1, \$950; at East Norwood, Ohio, 45 working days; 2, \$257; at Detroit, 15 working days.

R. B. Gurnsey & Co., Los Angeles, Cal., item 1, \$1,070; 45 days; 2, \$194; 30 days.

E. F. Sturtevant Co., San Francisco, Cal., item 1, \$1,052; at Readville, Mass.; 2, \$210; at Readville; 35 days.

Westinghouse Electric and Manufacturing Co., Los Angeles, Cal., item 1, \$1,015; at East Pittsburgh, 50 days.

Wood Stave Pipe.

Schedule of bids for 30-inch continuous wood stave pipe line, U. S. Reclamation Service, Okanogan Project, Washington, opened at North Yavima at 2 p. m. July 24:

Item 1. 30-in wood stave pipe, 4,500 lin ft; 2, ½-in steel bands with shoes, etc., 6,750 bands; 3, pipe supports, 450 supports; 4, painting wood pipe, 354 squares; 5, take-offs, complete, 2 take-offs; 6, 10-in gate valves, 2 valves.

Pacific Tank & Pipe Company, Portland, Ore.—Bid 1, 78½¢; 2, 32½¢; 3, 86¢; 4, \$1.05; 5, \$28.50; 6, \$25.00; total, \$6,611.95.

Northwestern Paving Company, Spokane, Wash.—Bid 1, 75¢; 2, 33¢; 3, 70¢ and 35¢; 4, \$2.25; 5, \$25; 6, \$50; total \$7,021.

Seattle Engineering Company, Seattle, Wash.—Bid 1, 97¢; 2, 48¢; 3, \$2.20; 4, \$1.90; 5, \$45; 6, \$52; total, \$9,461.60.

American Wood Pipe Co., Tacoma, Wash.—Bid 1, 75¢; 2, 27¢; 3, \$1.25; 4, \$1.50; 5, \$25; 6, \$37.50; total \$6,416.

Portland Wood Pipe Co., Portland, Ore.—Bid 1, 89¢; 2, 26¢; 3, 86¢; 4, \$1.35; 5, \$26; 6, \$26.80; total, \$6,750.50.

Wash. Pipe and Foundry Company, Tacoma, Wash.—Bid 1, 63¢; 2, 33¢; 3

\$1.90 4, 80c; 5, \$2.50 6, \$5.5 total, \$6,313.70.

*Based on dipping in creosote for treatment: 8 lbs., \$1.05.

San Francisco, Cal., Metal Shelving, Etc.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., August 18 for furnishing metal counters, screen partitions, shelving, etc., for the U. S. subtreasury at San Francisco, Cal.:

The O. M. Edwards Co., Syracuse, N. Y., \$4,332; time, 120 days.

General Fireproofing Co., Washington, D. C., \$4,181; 110 days.

The Watson Manufacturing Co., Jamestown, N. Y., \$3,492; 120 days.

The Keyless Lock Co., Indianapolis, Ind., \$3,400; 120 days.

Van Dorn Iron Works, Cleveland, Ohio, \$4,425; 120 days.

Steel Fixture Manufacturing Co., Topeka, Kansas, \$1,983; 90 days.

Art Metal Construction Co., Jamestown, N. Y., \$4,132; 120 days.

U. S. Metal Products Co., New York City, \$4,860; 150 days.

GARAGES.

SAN FRANCISCO—Garage, 2 story concrete and frame, \$5,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected on the west side of Gough street north of Sacramento, covering an area of 32 by 46 feet. There will be reinforced concrete walls and floor. Interior will be finished in pine. Special gasoline storage tanks will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HALLS AND SOCIETY BUILDINGS.

EUGENE, ORE.—Armory, 1 and 2 story and base, brick and steel. Cost not stated. Architects, Hunzicker & Freusse, Eugene. Owners, State of Oregon. The building will cover an area of 132 by 148 feet. There will be a large drill room, occupying the most of the main floor, swimming pool and gymnasium the basement, and assembly rooms and locker rooms on the upper floor. Interior will be finished in pine. There will be a maple floor in the drill room. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

TACOMA, WASH.—Lodge hall, 4 story and base, reinforced concrete, \$100,000. Architect, C. Frere, Henry Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will be erected at the corner of C and 7th streets and will cover a large ground area. Construction will be fireproof throughout. There will be, besides the social rooms and lodge rooms, office and living apartments. Interior will be handsomely finished in pine and hardwood. Modern mechanical equipment, including elevators, steam heat and vacuum cleaning, will be installed. Exterior of the building will be faced with cement plaster. Competitive plans were submitted, fourteen sets of plans being received. Architect C. H. Bebb of Seattle acted as

advisor. Working drawings are now being completed.

Contracts Awarded.

BELLINGHAM, WASH.—Club house, 4 story and base, hollow tile construction, \$50,000. Architects, Carl F. Gould and Charles Bebb, Denny Bldg., Seattle. Owner, C. X. Larabee. Contractor, G. W. Hunt, 1507 North 46th street, Seattle. Contract price, \$50,000. Note: When complete the building will be occupied by the Young Men's Christian Association.

HOSPITALS.

Contracts Awarded.

SAN FRANCISCO—Hospital, 1 story and base, reinforced concrete, \$18,437. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Monson Bros., S. F. Contract price, \$18,437.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base. Class C construction, \$100,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, I. I. De Hail. The building will be erected at the corner of 12th and Market streets and will cover a large ground area. There will be five stores on the first floor besides the hotel lobby, offices and entrance. Upper floors will contain in the neighborhood of 160 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine throughout except in the hotel office and lobby which will have oak trim and tile floor. There will be steam heat, elevator service, a hot water supply and vacuum cleaning. Patent store fronts will be used. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 6 story and base. Class C construction, \$75,000. Architect, Edward T. Foulkes, Crocker Bank Bldg., S. F. Owner, Dr. Keck. This building has been mentioned here a number of times before. Recently plans were out for figures but bids ran too high. It is probable that plans will be revised and new figures called.

SAN FRANCISCO—Hotel, 3 story, frame and plaster. Cost not stated. Architect, Edward T. Foulkes, Crocker Bank Bldg., S. F. Owners, Inside Inn Co. The building will be erected inside the Panama-Pacific International Exposition Grounds, commanding an unexcelled view of the entire grounds and bay. Construction will be of frame and plaster with ample fire protection. Plans provide for a total of 500 guest rooms, which will be rented at from \$1 to \$5 per day depending on the accommodations. Interior of the building will be finished in pine and redwood. There will be steam heat, elevator service, a hot water supply and automatic sprinklers. Exterior will be covered with cement plaster on metal lath. Excavating has been started and other parts of the work will be carried on by Day Labor.

SAN FRANCISCO—Hotel lighting fixtures, 6 story, Class C construction, \$100,000. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owner, C. A. Hoop-

er. Architect G. B. Ashcroft will shortly take figures for furnishing and installing light fixtures in the new seven story hotel building being erected for C. A. Hooper on O'Farrell street west of Powell.

FRESNO, FRESNO CO., CAL.—Hotel, 2 story and base, brick, \$30,000. Architect, none. Owner, Paul Mayer, Fresno. The building will be erected at the southeast corner of H and Kern streets, and has been designed for stores on the first floor and a number of modern hotel rooms on the upper floor. Interior will be finished in pine throughout. There will be several public baths. Plans provide for a hot water system. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FRESNO, FRESNO CO., CAL.—Hotel, 4 story and base. Class A construction. Cost not stated. Architect, R. F. Felchlin, Fresno. Owner, Mrs. Berry Goodwin. The building will replace a structure recently destroyed by fire. Construction will be of the class A type with a complete steel frame, brick exterior walls and metal lath and plaster interior partitions. The first floor will contain stores besides the hotel lobby and office. Upper floors will be arranged for a number of modern hotel rooms with private baths. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. There will be steam heat, elevator service and a hot water supply. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Bordeaux & Johnson, Ferguson Bldg., L. A. Owner's name withheld. The building will be erected on east San Pedro street north of 2nd and will cover a considerable ground area. There will be two stores on the first floor besides the hotel lobby. Upper floors will be divided into 12 guest rooms and a number of public and private baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service and a hot water system. Patent store fronts will be used. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

LIBRARIES.

WOODLAND, YOLO CO., CAL.—Library addition, 1 story and base, reinforced concrete, \$12,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Woodland. Architect W. H. Weeks has completed working drawings for the new library addition to be erected at Woodland. The building will be a one story reinforced concrete structure, costing in the neighborhood of \$12,000. Bids will be called for as soon as plans receive the approval of the Board of Trustees.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit building, 1 and 2 story, frame and plaster. Cost not stated. Architect's name not given. Owners, Japanese Government. The Exposition Service Co., a Japanese firm with offices at 551 Pine street, are now taking figures for cement, sand, gravel, crushed rock, brick, lumber, show case work, electric work and supplies, paints and glass in connection with the construction of the exhibit building to be erected by the Japanese Government at the Panama-Pacific Exposition.

Contracts Awarded.

SAN FRANCISCO—Exhibit booth, 2 story, frame, \$12,000. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owners, General Electric Co. Contractors, Dunnivant - Houghton - Van Sant Co., Hooker-Lent Bldg., S. F. Contract price, \$12,000.

SAN FRANCISCO—State exhibit building, 1 story, frame and plaster, \$12,000. Architect's name not given. Owners, State of Arkansas. Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$12,000.

RAILROAD CONSTRUCTION AND EQUIPMENT.

Contracts Awarded.

SAN FRANCISCO—Railroad construction, \$9,775. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Eaton & Smith, S. F. Contract price, \$9,775. Note: This contract is for constructing the Municipal line through the Stockton street tunnel from Sutter street to Sacramento.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected for M. Sobel on his property at the southeast corner of 10th avenue and Anza street, and has been designed for an eight-room house with two baths. Interior finish will be of pine and hardwood with white enamel in the sleeping rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room, library and den. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the architect.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, Fay Spangler, 50 Monadnock Bldg., S. F. Owner, Mrs. S. F. McAdoo. The dwelling will be erected on 28th avenue, between Geary and Anza streets, and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will be finished in tile. Exterior of the

house will be covered with rustic and shiplap. Plans are complete and the architect is letting subcontracts.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, J. H. Thorup, 281 26th avenue, S. F. The dwelling will be erected on the east side of 25th avenue north of Anza, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected on Urbano Drive, north of Pico, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with white enamel in the sleeping rooms. There will be hardwood floors. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Alfred Johnson, 2123 Clement street, S. F. The dwelling has been designed for a five-room house with bath and will be erected on the west side of 16th avenue south of Anza street. Pine and redwood will be used for interior finish. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The dwelling will be erected on 19th avenue near Cabrillo, and has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Milton Lichtenstein, 11 Ellis street, S. F. Owner, Louis H. Frederick. The dwelling will be erected in the Western Addition, and has been designed to contain eight rooms and two baths. A garage will also be erected on the property. Interior of the dwelling

will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with shower. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$7,500 each. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name not given. These two houses will be erected in Sea Cliff Terrace and each has been designed to contain eight rooms, two baths and sleeping porch. Grounds will be laid out in formal gardens. Interiors will be finished in pine, blue gum and mahogany. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500. Architect, none. Owners, Johnson & Johnson, 818 14th street, S. F. These two houses will be erected on the east side of 21st avenue near Geary, and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, B. Rigby. The dwelling will be erected in East Piedmont Heights, and has been designed for a seven-room house with two baths and sleeping porch. Interior finish will be of pine and redwood with white enamel in the sleeping rooms. There will be hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brasch. The dwelling will contain five rooms and bath, and will be erected on waterside Terrace. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire place and tile or brick mantel. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architects, Architectural De-

signers, First Trust Bldg., Oakland. Owner, Mrs. B. R. Bowers. The dwelling will be erected on the north side of Virginia street east of Oxford, and has been designed for a nine-room house. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, W. D. McKee, 3029 East Sacramento street, Sacramento. The dwelling has been designed for a seven-room house and will be erected in the Oaks Addition. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, E. Cooper Corbet, Union Oil Bldg., L. A. Owner, F. B. Luvis. The dwelling has been designed for an eight room house with two baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. White enamel will be used in the sleeping rooms. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and floors and will be fitted with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brasch. The dwelling will be erected in the Country Club Heights, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

DALY CITY, SAN MATEO CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Mrs. Lundeen. The dwelling will contain five rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOLS.

BURLINGAME, SAN MATEO CO., CAL.—School, 2 story and base, frame, \$25,000. Architects, Thomas Edwards and E. L. Norberg, Burlingame. Owners, Burlingame Meadows School District. The building has been designed for a six-room school with assembly hall. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. A plenum heating system will be installed. Modern school plumbing will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on September 15th. Plans can be secured from the architects.

KENTFIELD, MARIN CO., CAL.—School, 1 story and base, frame, \$12,000. Architect, Erwin Schaefer, Oakland. Owners, Kentfield School District. Bids opened for this work show Fred H. Fields of Kentfield low at \$16,250. It is stated that the district will raise the additional money required and that he will be awarded the contract.

EUGENE, ORE.—School administration building, 2 story and base, brick, \$100,000. Architect, W. C. Knighton, State Architect, Salem. Owners, State Board of Regents. The building will be erected on the University grounds, covering an area of 86 by 104 feet. There will be six class rooms on the first floor. A large rotunda will open off the main entrance and the administration offices will be arranged around this rotunda on the second floor. Interior of the building will be finished in pine and hardwoods. There will be steam heat and modern plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the State Architect or from the Secretary of the Board of Regents, L. H. Johnson, Eugene.

BELLINGHAM, WASH.—School, 2 story and base, brick and reinforced concrete, \$75,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Bellingham School District. The building has been designed to contain ten class rooms, assembly hall and departments for manual training and domestic science. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. There will be steam heat, modern school plumbing and a program clock system. Some marble wainscot will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared. Architect S. Piper of Bellingham will be associated with Heath & Gove in the design. Plans will be ready for contractors in about twenty days.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Tunnel construction, \$3,500,000. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Engineer has recommended that the time for figuring the Twin Peaks Tunnel be extended until September 30th. This action was taken by the Board of Public Works. A deduction in the amount of the bond re-

quired has also been made, the amount now standing at \$200,000. Time for completing the work, 600 working days, remains unchanged.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened for constructing state highways in Kern, Santa Barbara and San Diego Counties show the following men low: Kern County, Lynn S. Atkinson, L. A., \$174,346 (awarded); Santa Barbara, Arthur S. Bent Construction Co., L. A., \$61,226.25 (awarded); San Diego, C. L. Hyde Construction Co., San Diego, \$12,059.50.

CALIFORNIA — Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on September 21st for constructing the following state highways: Siskiyou, from Weed to Dunsmuir, 17 miles, grading; Glenn, from south boundary to Willows, 8.6 miles, Portland cement concrete; Contra Costa, from Eckley to Martinez, 7 miles, graded; Santa Clara, from south boundary to Los Gatos, 7.5 miles, graded; Santa Barbara, from Aleatraz to Las Cruces, 5 miles, Portland cement concrete. For further particulars address State Highway Commission, Forum Bldg., Sacramento.

SAN MATEO, SAN MATEO CO., CAL. Sewer construction. Cost not stated. Engineer, City Engineer, San Mateo. Owners, City of San Mateo. The City Trustees of San Mateo have agreed with the trustees of Burlingame to construct a concrete storm water sewer between San Mateo and Burlingame if the town of Burlingame will keep the sewer in repair. The City Engineer of San Mateo will prepare plans at once.

REDWOOD CITY, SAN MATEO CO., CAL.—Highway construction, \$55,074. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The San Mateo County Supervisors have rejected all bids received for constructing the road from San Gregoria to Pescadero and will advertise for new figures. The lowest bid was submitted by James Wilson at \$68,311.62. The County Surveyor's estimate for this work was \$55,074.

NAPA, NAPA CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Napa. Owners, City of Napa. The City Trustees of Napa have passed a resolution of intention to construct an 8-inch iron stone sewer with 12 Y branches in Napa street east of Main; an 8-inch iron stone pipe sewer with 14 Y branches in Napa street east of Vajome; an 8-inch iron stone sewer with 8 Y branches in Grigsby's Court and a reinforced catch-basin 2 feet in diameter. Plans have been prepared by the City Engineer and figures will be called for shortly.

Contracts Awarded.

ORANGE, ORANGE CO., CAL. — Highway construction, \$20,775.61. Engineer, County Surveyor, Orange. Owners, Orange County. Contractors, Hart & Ducey, Pasadena. Contract price, \$20,775.20.

STORES AND OFFICES.

SAN FRANCISCO — Cafe, 1 story, frame and plaster, \$20,000. Architect, Maxwell Bugbee, Lick Bldg., S. F. Owner's name withheld. The building

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

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will be designed in the shape of a huge fish, and is to be erected on the Ocean Beach. Interior will be finished in unique fashion with ornamental plaster and art glass. Exterior of the building will be covered with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Offices, 2 story and base, brick and steel. Cost not stated. Architect, G. A. Howard, Jr., Grant Bldg., L. A. Owners, Butner and Taylor. The building will be erected at the corner of 48th and Normandie, covering an area of 12 by 80 feet. There will be two stores on the first floor and seven offices on the upper floor. Interior will be finished in pine and hardwood. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and offices, 7 story and base, reinforced concrete, \$374,000. Architects, Frederick Noonan and William Richards, Brockman Bldg., L. A. Owner, J. W. Robinson. Contractors, C. J. Kubach, Co., Van Nuys Bldg., L. A., general construction only. Contract price, \$374,000. The building complete has been estimated to cost \$1,000,000.

TRUCKEE, NEVADA CO., CAL.—Even thousand feet of snow sheds in the vicinity of Truckee are being regulated by the Southern Pacific Company. The work is expected to be completed the latter part of October. The rebuilding costs in the neighborhood of \$10 a foot, which means an expenditure of \$70,000 for the present work now underway.

WOODLAND, YOLO CO., CAL.—The contractors here are rapidly rushing the work of laying concrete for a section of the State Highway near Putah Creek. About a half mile of the road bed is ready for the concrete. Marysville sand and Folsom crushed rock are being used in the concrete. The mixer turns out two miles of concrete per month.

COLUSA, COLUSA CO., CAL.—Sealed proposals will be received here by the Clerk of the Board of Supervisors on September 10th for the reshingling of the County Hospital buildings in Colusa County. Specifications for the work can be obtained from W. J. King, Clerk of the Board. Bids will also be received on the same date for the construction of a reinforced concrete bridge across drain at Farnsworth Place. Plans for this work may be obtained from the County Surveyor.

MARIPOSA, MARIPOSA CO., CAL.—The M. C. & M. Company are making preparations for a survey of the reservoir site situated in Agua Fria and Jundabue valleys, with a view of constructing a dam and storing water for irrigation of the land situated in the Buckeye district. The site of the proposed dam will be at the junction of Agua Fria and Carson creeks. Another survey will be made for a

pole line from near Bear Valley to the Elizabeth and Long Mary mines. It is not known whether the company intends working these mines, but the survey for an electric line indicates that something might be done towards developing the property. Frank Casaccia will be employed to do the work, which will be started in the near future.

RICHMOND, CONTRA COSTA CO., CAL.—Work on the new Southern Pacific depot will be started in this city next week. Plans have been prepared by the company's architects. The buildings will be of brick construction and stucco Mission style.

SACRAMENTO, CAL.—The contract for the construction of the Walnut Grove bridge has been let to Jenkins & Wells for \$77,660. Construction will be started immediately.

NOTICE OF NON-RESPONSIBILITY.

Aug. 24, 1914—LOT 26, BLK O, Map Fourth Avenue Terrace, Oakland, East Piedmont Land Co.....
Aug. 26, 1914—E FILLMORE, 76 N Geary N 13x91. Jas. Gibb, Sarah O. Gibb and Peninsular Realty Corporation

ARCHITECT'S CERTIFICATE.

Franz Emil Neubauer has filed his certificate of architecture in San Francisco.

Filed August 26, 1914.

INCORPORATIONS.

American Tank and Pump Co. Capital stock, \$10,000; subscribed, 30 shares, \$10 each. Directors—W. J. Woodrow, M. H. Holmes, A. C. Duerr, 1 share each. Place of business, San Francisco.

Exactus Photo-Film Corporation. Capital stock, \$150,000; subscribed, 50 shares, \$1 each. Directors—T. K. Peters, D. Lever, H. Peterson, L. A. Wittenmeyer, R. L. Green, 10 shares each. Place of business, San Francisco.

San Francisco Peninsula Co. Capital stock, \$2,000,000; subscribed 500 shares, \$100 each. Directors—J. B. Kennedy, J. F. De Vault, J. W. Henderson, C. E. Sheets, T. H. Chilton, 1 share each. Place of business, San Francisco.

WAR AFFECTS COPPER PRODUCTION.

With the possible exception of the silver industry, the copper industry will probably feel the injurious effects of the European war more seriously than any other of the leading American metal industries. During the last five years approximately 50 per cent of the copper turned out by American refineries has been exported,

in large part to the countries now involved in the European war, according to the United States Geological Survey. Some of this copper has been imported for metallurgical treatment, and the imports will probably be somewhat restricted on account of shipping conditions.

During these five years, however, domestic consumers have taken only about 63 to 67 per cent of the copper produced from mines within the United States, so it is evident that there must be a material curtailment of production while present conditions prevail. Considerable copper is of course consumed in munitions of war and for other military purposes, but the constructive arts of peace are far more favorable for the copper industry than the destructive art of war.

American producers have already greatly curtailed their production, and it seems almost certain that the output must be materially restricted for an indefinite period, dependent largely on the European conditions.

COMPARATIVE VALUE OF CANADIAN TIMBER.

[Consul General R. E. Mansfield, Vancouver, British Columbia.]

Statistics contained in one of the recent bulletins issued by the Dominion Forestry Department show that the value of white-pine lumber cut in Canada in 1912 was one and a half million dollars less than in 1911. The cut of hemlock decreased 30 per cent, that of cedar decreased 27 per cent, and tamarack, the lumber production of which has decreased over 40 per cent in the last two years, bids fair soon to become commercially extinct. Of the six leading tree species in Canada, Douglas fir (known in Europe as "Oregon pine") was the only one whose lumber production increased in 1912. In the Province of British Columbia alone Douglas fir formed over 67.7 per cent of the total lumber cut, and British Columbia is at present by far the richest timber Province in Canada, containing, according to some estimates, one-half of the merchantable timber wealth of the Dominion.

This remarkable tree attains a height of over 200 feet, with a trunk 10 to 12 feet in diameter, forming alone or mixed with hemlock great forests extending 400 miles north of the international boundary. Its natural range extends in Canada to the eastern foothills of the Rocky Mountains in Alberta, where it grows to a height of 130 feet and a diameter of 4 feet and is considered one of the most important timber trees of the Dominion Rocky Mountains Forest Reserve, which covers an area of nearly 21,000 square miles. It is also widely distributed throughout the western United States, being able to stand considerable climatic variation and being practically immune to insects or fungous diseases.

The wood of the Douglas fir is hard and durable, and is extensively used for all kinds of construction, and especially for interior finish. It has an attractive grain and a figure which readily lends itself to staining and varnish finish. Douglas fir attains its highest state of perfection and its greatest size in British Columbia, and construction timber of this class is shipped from the Province to all parts of the world.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 866—Proposals for Furnishing and Erecting Structural Steel for the Cristobal Coaling Plant Wharf Structure.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. September 24, 1914, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 866) may be obtained from this office or the offices of the assistant purchasing agents, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 865—Proposals for Chemical Control and Mixing Apparatus for Purification Plant, Steel Work for Four Gangways, Brass Clips, Expansion Bolts, Paper and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. September 8, 1914, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 865) may be obtained from this office or the offices of the assistant purchasing agents, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WHARF AND SHED

WHARF AND SHED—Sealed proposals indorsed "Proposals for Wharf and Wharf Shed" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. September 26, 1914, and then and there publicly opened, for a wharf and wharf shed at the navy torpedo station, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, September 21, 1914, said bids then and there to be publicly opened and read for furnishing all the materials, and labor, and doing the work required for the construction and erection of a building to be known as the Chambers Cottage, State Hospital, Napa, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application at the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F.

McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Chambers Cottage, Napa State Hospital, Napa, California."

(Signed) W. F. McCURE,
State Engineer. (*)
Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, September 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as Temporary Cottages for Males, Agnew State Hospital, Agnew, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Temporary Cottages for Males, Agnew State Hospital, Agnew, California."

(Signed) W. F. McCURE,
State Engineer. (*)
Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, September 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as "Hospital Cottage" and Typical Cottages Nos. 1 and 2, California School for Girls, Ventura, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for 'Hospital Cottage' and Typical Cottages Nos. 1

and 2, California School for Girls, Ventura, California."

(Signed) W. F. McCURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., Aug. 28, 1914. SEALED PROPOSALS, in triplicate, for constructing quarters for Bachelor Officers (including plumbing, heating, electric wiring and fixtures) at Fort Winfield Scott, Cal., will be received here until 11 A. M., September 8, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit of \$25.00 required to secure return plans, etc. Proposals to be enclosed in sealed envelopes and addressed GEO. McF. WILLIAMSON, Lt. Col., Q. M. Corps. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McCURE, State Engineer, Capitol Bldg., Sacramento, up to and including twelve o'clock, noon, Friday, September 4, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials and labor, and doing the work required for remodeling of the State Library and construction, erection and installation of an electrically operated passenger elevator in said State Library, State Capitol Building, Sacramento, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Elevator Work, California State Library, State Capitol Building, Sacramento, California."

(Signed) W. F. McCURE,
State Engineer. (*)

REDDING, SHASTA CO., CAL.

The City Trustees here have decided to carry the excavation of the south abutment of the Reid's ferry bridge to bedrock. The bridge is to be a reinforced concrete structure and will cost in the neighborhood of \$30,000.

KLAMATH FALLS, ORE.—Under the direction of the Forester at Washington, D. C., 75,500,000 feet of timber consisting pine and fir, is to be sold out of the reserve north of Upper Klamath Lake.

The sale will bring into the United States Treasury about \$500,000. Thirty five per cent will be spent locally for roads and schools.

OAKDALE, STANISLAUS CO., CAL.—The question of voting \$100,000 bond to complete the irrigation system here will be submitted to the voters here at an early date.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected for M. Sobel on his property at the southeast corner of 10th avenue and Anza street, and has been designed for an eight-room house with two baths. Interior finish will be of pine and hardwood with white enamel in the sleeping rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room, library and den. Bathroom will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Materials are now being purchased by the architect.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, Fay Spangler, 450 Monadnock Bldg., S. F. Owner, Mrs. S. F. McAdoo. The dwelling will be erected on 28th avenue between Geary and Anza streets, and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Bath room will be finished in tile. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the architect is letting subcontracts.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, J. H. Thorup, 281 26th avenue, S. F. The dwelling will be erected on the east side of 25th avenue north of Anza, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. The dwelling will be erected on Urbano Drive north of Pico and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with white enamel in the sleeping rooms. There will be hardwood floors. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of

the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Alfred Johnson, 2423 Clement street, S. F. The dwelling has been designed for a five-room house with bath, and will be erected on the west side of 16th avenue south of Anza street. Pine and redwood will be used for interior finish. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,500. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The dwelling will be erected on 19th avenue near Cabrillo, and has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect Milton Lichtenstein, 111 Ellis street, S. F. Owner, Louis H. Frederick. The dwelling will be erected in the Western Addition, and has been designed to contain eight rooms and two baths. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES—2, 2 story and base, frame, \$7,500 each. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name not given. These two houses will be erected in Sea Cliff Terrace, and each has been designed to contain eight rooms, two baths and sleeping porch. Grounds will be laid out in formal gardens. Interiors will be finished in pine, blue gum and mahogany. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wain-

scot and floors. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES—2, 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Johnson & Johnson, 818 14th street, S. F. These two houses will be erected on the east of 21st avenue near Geary and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—4 story and base, Class C, \$17,000. San Francisco. Architects, Zanolini & Jewett, 604 Montgomery street, S. F. Owner, Mary M. Bradbury. The building will be erected at the northwest corner of Polk and California streets, covering an area of 100 by 150 feet. There will be seven stories on the Polk street frontage while the California street side will contain only the entrance to the upper floors. Interior finish will be of pine and redwood. There will be steam heat, an automatic elevator and a hot water supply. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile and composition. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architect, none. Owner, F. W. Lurmann, 1134 Hyde street, S. F. The building will be erected on the south side of California street east of Hyde, covering an area of 27½ by 123 feet. There will be twelve suites of two and three rooms with private baths and wall beds. Interior finish will be of pine with some elm panels. Plans provide for steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with rustic and pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$50,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Octavia street between Page and Polk and has been designed to contain thirty suites of two and three rooms. All apartments will have wall beds and private baths. Interior will be finished in pine with some hardwood floors and elm panels. Plans provide for an au-

tomatic elevator, steam heat and a hot water supply. Bath rooms will be finished in tile with composition floors. Entrance of the building will be finished in tile and marble. Exterior of the building will be covered with cement plaster and rustle. Plans are now being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, \$35,000. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Pine street, having a frontage of 60 feet. There will be a number of two and three room suites, all of which will have private baths and wall beds. Interior finish will be of pine and elm. Hardwood floors will be used in the social room and entrance. There will be an automatic elevator, steam heat and hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Dolores street, and has been designed to contain six suites of three and four rooms. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and elm panels. Some oak floors will be used. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a hot water supply. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and frame, \$35,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Waller street between Steiner and Fillmore, and has been designed to contain thirty suites of two and three rooms besides a large social hall. Interior finish will be of pine and redwood. Elm panels and oak floors will also be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$30,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, Kincaid Construction Co., 215 Montgomery street. The building will be erected on the south side of Post street west of Polk, having a frontage of 27½ by 120 feet. There will be a total of twenty suites arranged in two and three room apartments. Plans provide for steam heat, an automatic elevator and hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with tapestry brick

veneer. Plans are in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owner, Frank Giarratta, 3254 Scott street, S. F. The building will be erected on Scott street south of Chestnut, covering and area of 25 by 54 feet. There will be a store on the first floor. Upper floor will be arranged for one six room flat. Interior will be finished in pine and redwood with some oak floors. There will be an open fire place and tile mantel. Bath room will have tile wainscot. Terrazzo entrance steps will be used. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2, 2 story and base, frame, \$4,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two buildings will be erected on Central avenue north of Hayes, and each has been designed to contain two modern flats of five and six rooms. Each building will cover an area of 25 by 57 feet. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the buildings will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

HOTEL—5 story and base. Class C construction, \$100,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, I. I. De Hall. The building will be erected at the corner of 12th and Market streets and will cover a large ground area. There will be five stores on the first floor besides the hotel lobby, offices and entrance. Upper floors will contain in the neighborhood of 160 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine throughout except in the hotel office and lobby, which will have oak trim and tile floor. There will be steam heat elevator service a hot water supply and vacuum cleaning. Patent store fronts will be used. Bath rooms will be finished in tile with composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—6 story and base. Class C construction, \$75,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Dr. Keck. This building has been mentioned here a number of times before. Recently plans were out for figures but bids ran too high. It is probable that plans will be revised and new figures called.

HOTEL—3 story, frame and plaster. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bank Bldg., S. F. Owners, Inside Inn Co. The building will be erected inside the Panama-Pacific International Exposition Grounds commanding an unexcelled view of the entire grounds and bay. Construction will be of frame

and plaster with ample fire protection. Plans provide for a total of 300 guest rooms which will be rented at from \$1 to \$5 per day depending on the accommodations. Interior of the building will be finished in pine and redwood. There will be steam heat, elevator service, a hot water supply and automatic sprinklers. Exterior will be covered with cement plaster on metal lath. Excavating has been started and other parts of the work will be carried on by Day Labor.

HOTEL LIGHTING FIXTURES—6 story, Class C construction, \$100,000. San Francisco. Architect, G. B. Ashcroft, Balboa Bldg., S. F. Owner, C. A. Hooper. Architect Ashcroft will shortly take figures for furnishing and installing light fixtures in the new seven story hotel building being erected for C. A. Hooper on O'Farrell street, west of Powell.

GARAGE—2 story, concrete and frame, \$5,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, A. W. Wilson. The building will be erected on the west side of Gough street north of Sacramento, covering an area of 32 by 46 feet. There will be reinforced concrete walls and floor. Interior will be finished in pine. Special gasoline storage tanks will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

TUNNEL CONSTRUCTION—\$3,500,000. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Engineer has recommended that the time for figuring the Twin Peaks Tunnel be extended until September 30th. This action was taken by the Board of Public Works. A deduction in the amount of the bond required has also been made, the amount now standing at \$200,000. Time for completing the work, 600 working days, remains unchanged.

CAFE—1 story, frame and plaster, \$20,000. San Francisco. Architect, Maxwell Bugbee, Lick Bldg., S. F. Owners name withheld. The building will be designed in the shape of a huge fish and is to be erected on the ocean beach. Interior will be finished in unique fashion with ornamental plaster and art glass. Exterior of the building will be covered with cement plaster. Plans are being prepared.

EXHIBIT BUILDING—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architect's name not given. Owners, Japanese Government. The Exposition Service Co., a Japanese firm with offices at 551 Pine street, are now taking figures for cement, sand, gravel, crushed rock, brick, lumber, show case work, electric work and supplies, paints and glass in connection with the construction of the exhibit building to be erected by the Japanese Government at the Panama-Pacific Exposition.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, J. W. Gillogley, 714 San Jose avenue, S. F. The building will be erected on the east side of San Jose avenue north of 30th street, and has been designed to contain two flats of five and six rooms. Interior finish will be of pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Bath

rooms and kitchens will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

EXHIBIT BOOTH—2 story, frame, \$12,000. San Francisco. Architect, Sidney B. Newson, Nevada Bank Bldg., S. F. Owners, General Electric Co. Contractors, Dunnivant - Houghton-Van Sant Co., Hooker-Lent Bldg., S. F. Contract price, \$12,000.

STATE EXHIBIT BUILDING — 1 story, frame and plaster, \$12,000. San Francisco. Architect's name not given. Owners, State of Arkansas, Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$12,000.

HOSPITAL—1 story and base, reinforced concrete, \$18,437. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Monson Bros., S. F. Contract price, \$18,437.

RAILROAD CONSTRUCTION—\$9,775. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Eaton & Smith, S. F. Contract price, \$9,775. Note This contract is for constructing the Municipal line through the Stockton street tunnel from Sutter street to Sacramento.

City Bids Opened

Board of Public Works Extends Time for Receiving Bids for Elevator Work in New City Hall.

Bids were opened at the regular Wednesday afternoon meeting of the Board of Public Works for constructing the Municipal Railroad on Stockton street through the Stockton Street Tunnel, from Sutter street to Sacramento. Eaton & Smith were low on this work at \$9,775. McCabe & Brown presented the lowest figures for constructing island parks in Dolores street at \$2,405. The time of opening bids for installing elevators in the new City Hall was extended until September 2nd. Following is a complete list of the figures as opened:

Stockton Street Railroad.

Eaton-Smith Co.	\$ 9,775
Mahoney Bros.	12,900
Jacobsen-Bade Co.	18,500

Island Parks, Dolores Street.

G. A. Love & Son.	\$3,079
M. Schlosser.	3,420
Mahoney Bros.	3,200
McCabe & Brown.	2,405
P. W. McClenahan.	3,500
Barrett & Hilp.	2,600
J. G. Harney.	2,934
James H. O'Brien.	3,160
State Improvement Co.	3,332
McSheehy Bros.	2,842

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$4,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, E. Rigby. The dwelling will be erected in East Piedmont Heights, and has been designed for a seven-room house with two baths and sleeping porch. Interior finish will

be of pine and redwood with white enamel in the sleeping rooms. There will be hardwood floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$1,500. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected on Lake Shore Drive near Walla Vista avenue and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 1 story and base, frame, \$2,000. Alameda, Alameda Co., Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brach. The dwelling will contain five rooms and bath and will be erected on Waterside Terrace. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire place and tile or brick mantel. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—1 story and base, brick and steel, \$75,000. Oakland, Cal. Architect, O. E. Evans, 2367 Mission street, S. F. Owner's name withheld. The building will be erected on Ellis street near 15th, and has been designed to contain thirty suites of three and four rooms. There will be private baths and wall beds. Interior will be finished in pine and hardwood veneer with hardwood floors in the living rooms. Plans provide for an automatic elevator, steam heat and a hot water system. Vacuum cleaning will also be installed. All bath rooms will be finished in tile. Entrance will have tile and marble wainscot. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, brick and frame, \$40,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected on Grand avenue, and will cover an area of 90 by 123 feet. Apartments will contain from three to six rooms and will be handsomely finished in pine, redwood, white enamel and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be steam heat, elevator service, a hot water system and vacuum cleaning. Bath rooms will be finished in tile. Exterior of the building will be covered with a pressed brick veneer. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architect, Olin S.

Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawfords. The building will be erected at the northeast corner of Prince and Ellsworth, covering a considerable ground area. There will be a total of twelve suites arranged in apartments of two and three rooms. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the principal rooms. There will be a central heating system and a hot water supply. All apartments will have private baths and wall beds. Bath rooms will be finished in tile with composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

TALLOW REDUCTION PLANT — 1 story, concrete and corrugated iron, \$12,000. Emeryville, Alameda Co., Cal. Architect, John Powers, 460 Montgomery street, S. F. Owners, Peterson Tallow Co. The building will cover a considerable area and has been designed for a modern reduction works. A cement floor will be used. The estimated cost does not include special machinery to be installed. Exterior of the building will be covered with corrugated iron. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$1,500. Berkeley, Alameda Co., Cal. Architects, Architectural Designers, First Trust Bldg., Oakland. Owner, Mrs. E. R. Bowers. The dwelling will be erected on the north side of Virginia street east of Oxford, and has been designed for a nine-room house. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot and composition floor. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brach. The dwelling will be erected in the Country Club Heights, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Concrete and steel. Cost not stated. Pajones, San Benito Co., Cal. Engineer, County Surveyor, McCray, Hollister. Owners, San Benito County. Plans and specifications for the bridge over the San Benito Creek at Pajones have been completed and approved by the Board of Supervisors. Bids will be opened on September 21st. Plans and specifications together with

complete information can be secured from the County Surveyor at Hollister.

BRIDGE—Steel and concrete. Cost not stated. Aromas, San Benito Co., Cal. Engineer, County Surveyor McCray, Hollister. Owners, San Benito County, Santa Cruz County and Monterey County. Plans and specifications for a tri-county bridge at Aromas have been completed and received the approval of the joint county boards. Bids are being advertised and will be opened by the Boards of Supervisors in joint session on September 21st. Complete information, plans and specifications can be secured by addressing County Surveyor McCray at Hollister.

B'NGALOW—1 story and base, frame, \$2,000. Daly City, San Mateo Co., Cal. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, Mrs. Lundeen. The dwelling will contain five rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—2 story and base, frame, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Thomas Edwards and E. L. Norberg, Burlingame. Owners, Burlingame Meadows School District. The building has been designed for a six-room school with assembly hall. Interior will be finished in pine throughout. Maple floors will be used in the class rooms. A plenum heating system will be installed. Modern school plumbing will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on September 15th. Plans can be secured from the architects.

SEWER CONSTRUCTION—Cost not stated. San Mateo, San Mateo Co., Cal. Engineer, City Engineer, San Mateo. Owners, City of San Mateo. The City Trustees of San Mateo have agreed with the trustees of Burlingame to construct concrete a storm water sewer between San Mateo and Burlingame the sewer in repair. The City Engineer of San Mateo will prepare plans at once.

HIGHWAY CONSTRUCTION—\$55,074. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The San Mateo County Supervisors have reelected all bids received for confining the town of Burlingame will keep structuring the road from San Gregoria to Pescadero and will advertise for new figures. The lowest bid was submitted by James Wilson at \$68,311.62. The County Surveyor's estimate for this work was \$55,074.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HARBOR WALL—Earth and creosoted piles, \$50,000. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. The Healy-Tibbitts Construction Co. has been relieved of a contract amounting to \$50,000 on the construction of the outer sea wall in Richmond. Healy-Tibbitts asked that such action be taken, claiming that conditions in the coastwise trade since

the war are such that it is hardly possible to secure shipments of creosoted piles. The work will probably be re-advertised.

BRIDGES—Reinforced concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Plans are complete and have been approved by the County Board of Supervisors for removing old frame bridges and constructing new reinforced concrete structures in certain road districts in Marin County. Bids will be opened on September 8th. Plans and specifications can be secured from the County Clerk.

SCHOOL—1 story and base, frame, \$12,000. Kentfield, Marin Co., Cal. Architect, Erwin Schaefer, Oakland. Owners, Kentfield School District. Bids opened for this work show Fred H. Fields of Kentfield low at \$16,250. It is stated that the district will raise the additional money required and that he will be awarded the contract.

SEWER WORK—Cost not stated. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. The City Trustees of Napa have passed a resolution of intention to construct an eight-inch sewer with twelve Y branches in Napa street east of Main; an eight-inch iron stone pipe sewer with fourteen Y branches in Napa street east of Yajome; an eight-inch iron stone pipe sewer with eight Y branches in Grigsby's Court and a reinforced concrete catch basin two feet in diameter. Plans have been prepared by the City Engineer and figures will be called for shortly.

CON AWARD

Contracts Awarded.

BRIDGE—Steel and concrete, \$19,196. Hollister, San Benito Co., Cal. Engineer, County Surveyor, Hollister. Owners, San Benito County. Contractors, Security Construction Co., Los Angeles. Contract price, \$19,196.

Kentfield School Bids Are Opened.

Fourteen Sets of Figures Received, All of Which Are Above Amount Available, but Work Will Be Let.

Fourteen sets of figures were opened by the Kentfield School Trustees for the construction of the new frame and plaster building to be erected in the Kentfield District, designed by Architect Erwin Schaefer of Oakland. All bids received were above the estimate, but that of Fred H. Fields, Kentfield, for \$16,250 will probably be accepted and revisions made to bring the cost within the amount available. Following is a complete list of figures as opened:

Kentfield School Building.

McIntyre & Gladde, Oakland.....	\$18,274
Peterson & Wilson, S. F.....	19,339
R. C. Andrus, S. F.....	17,477
Phillip Le Connac, San Rafael.....	16,492
Collman & Collman, S. F.....	18,219
Robinson & Place, Oakland.....	18,500
Lloyd & Spengler, S. F.....	18,101
Lewis Cereghino & Son, S. F.....	17,273
Peter Hamilton, San Anselmo.....	16,800
Bowers & Fann, S. F.....	18,971
Fred H. Fields, Kentfield.....	16,250
Whalin Bros, Oakland.....	18,350

Fred J. Klenck, S. F..... 19,750
J. M. Merrilees, Berkeley..... 16,445

FRESNO, MODESTO, SCTANISLAUS AND CENTRAL CALIFORNIA.

WINERY ADDITION—1 story and base, frame and brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, John H. Powers, 460 Montgomery street, S. F. Owners, California Wine Association. The building will be erected on property adjoining the Fresno Plant B, and will have 12,500 gallons capacity to the plant. Construction will be of the heavy mill type with exterior walls faced with stock brick. Interior will be left unfinished. Large wine storage tanks will be used. Plans are complete and in the hands of the owners who will let all contracts from their Fresno office.

HOTEL—2 story and base, brick, \$30,000. Fresno, Fresno Co., Cal. Architect, none. Owner, Paul Mayer, Fresno. The building will be erected at the southeast corner of H and Kern streets, and has been designed for stores on the first floor and a number of modern hotel rooms on the upper floor. Interior will be finished in pine throughout. There will be several public baths. Plans provide for a hot water system. Bath rooms will have tile wainscot and composition floors. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

HOTEL—4 story and base. Class A construction. Cost not stated. Fresno, Fresno Co., Cal. Architect, R. F. Felchlin, Fresno. Owner, Mrs. Berry Goodwin. The building will replace a structure recently destroyed by fire. Construction will be of the Class A type with a complete steel frame, brick exterior walls and metal lath and plaster interior partitions. The first floor will contain stores besides the hotel lobby and office. Upper floors will be arranged for a number of modern hotel rooms with private baths. Interior finish will be of pine. Bath rooms will have tile wainscot and composition floors. There will be steam heat, elevator service and a hot water supply. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are being prepared.

GAS PLANT ADDITION—Cost not stated. Merced, Merced Co., Cal. Engineer, Muller. Owners, San Joaquin Light and Power Co., Merced. Gas Engineer Muller, of the San Joaquin Light and Power Co., has approved plans and specifications for a new gas holder and additions to the generating plant of the company at Merced. Work has been started under the Day Labor system. The new additions will double the present capacity of the plant. The work will be done by Day Labor.

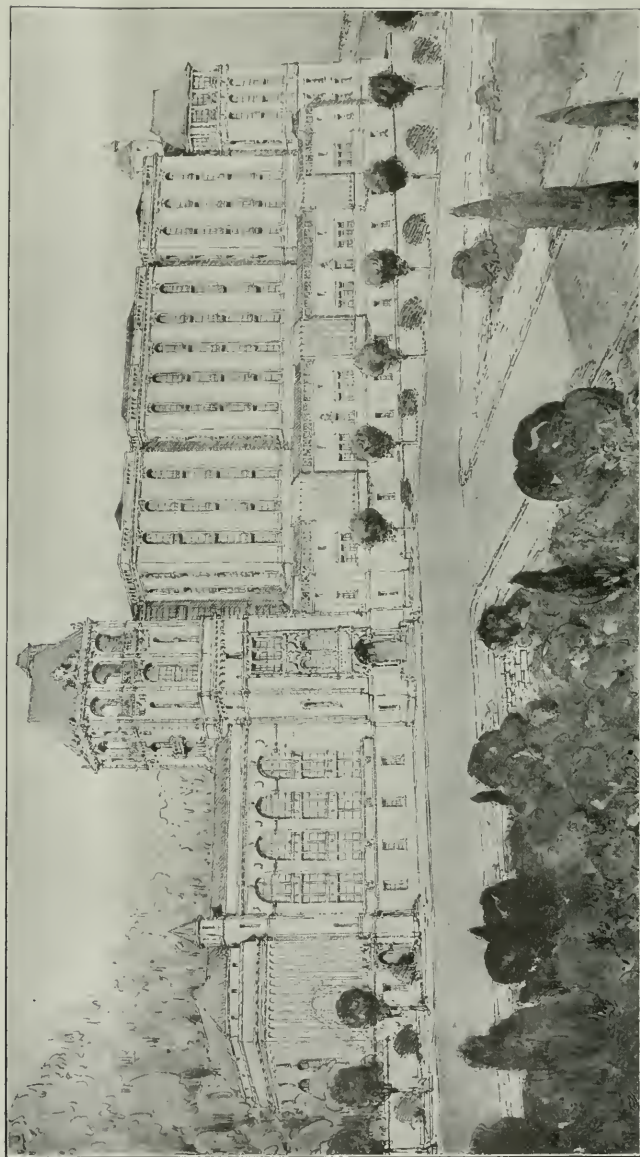
SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids



A. B. SPRECKELS RESIDENCE AS IT APPEARS COMPLETE
San Francisco

Kenneth Mac Donald, Jr., Architect
San Francisco



HOSPITAL BUILDING FOR UNIVERSITY OF CALIFORNIA TO BE ERECTED AT ONCE.

San Francisco

Lewis P. Hobart, Architect
San Francisco

opened for constructing state highways in Kern, Santa Barbara and San Diego Counties show the following low bids: Kern County, Lynn S. Atkinson, L. A., \$174,346 (awarded). Santa Barbara, Arthur S. Bent (Construction Co., L. A.), \$61,226.25 (awarded). San Diego, C. L. Hyde Construction Co., San Diego, \$12,959.50.

HIGHWAY CONSTRUCTION—Cost not stated. California, Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on September 21st for constructing the following state highways: Siskiyou, from Weed to Dunsmuir, 17 miles, grading; Glenn, from south boundary to Willows, 8.5 miles, Portland cement concrete. Contra Costa from Beckley to Martinez, 7 miles, graded. Santa Clara from south boundary to Los Gatos, 7.5 miles graded. Santa Barbara from Alcatraz to Las Cruces, 5 miles of Portland cement concrete. For further particulars address State Highway Commission, Forum Bldg., Sacramento.

BRIDGES—2 steel and concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor Quail, Stockton. Owners, County of San Joaquin. County Surveyor Quail of Stockton will have complete charge of the construction of the two large trestle bridges to be erected over the Old and Middle Rivers. As has been stated before, permission to construct these bridges has been granted by the War Department, and construction will be started in about sixty days. Both bridges will be designed to carry electric car service, highway and passenger traffic. Further mention will be made of the work when figures are allowed.

BRIDGE—Steel and concrete. Cost not stated. Willow Creek, Tehama Co., Cal.—Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans have been completed for a road bridge over Willow Creek in Road District No. 1. The bridge will be of steel and concrete. Figures are now being taken for this work and will be opened by the Board of Supervisors on September 10th. Plans and specifications can be secured from the County Clerk.

LIBRARY ADDITION—1 story and base, reinforced concrete, \$12,000. Woodland, Yolo Co., Cal. Architect, W. F. Weeks, 75 Post street, S. F. Owners, City of Woodland. Architect W. F. Weeks has completed working drawings for the new library addition to be erected at Woodland. The building will be a one-story reinforced concrete structure costing in the neighborhood of \$12,000. Bids will be called for as soon as plans receive the approval of the Board of Trustees.

BUNGALOW—1 story and base, frame, \$3,000. Sacramento, Cal. Architect, none. Owner, W. D. McKee, 1029 East Sacramento street, Sacramento. The dwelling has been designed for a seven-room house and will be erected in the Oaks Addition. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in

the hands of the owner who will do the work by Day Labor.

State Highway Bids Opened.

Contracts for work in Kern and Santa Barbara Counties Awarded to Low Men on August 24th.

Bids were opened in Sacramento by the State Board of Highway Commissioners for constructing State Highways in the following counties: Kern, Santa Barbara and San Diego. Bids received were all under the Engineer's estimate except that for the work in San Diego County. Following is a complete list of the figures submitted together with the Engineer's estimate and a list of materials furnished by the State:

Kern Co. Div. 6, Route 4, Sec. II.
Lynn S. Atkinson, L. A. \$174,346.00
Engineer's estimate, \$178,474.38.

Materials furnished by the State
pipe railing, reinforcing steel, corrugated iron pipe and Portland cement.
Total, \$55,307.25.

Santa Barbara Co., Div. 5, Route 2, Sec. A.
Arthur S. Bent Const'r Co.,
Los Angeles \$61,226.25
A. Duperrault, Venice 67,706.00
Rogers Bros. Co., L. A. 73,577.50
Engineer's estimate, \$68,623.81.

Materials furnished by the State:
Portland cement, reinforcing steel, corrugated iron pipe, pipe railing, sand and coarse aggregate. Total, \$30,098.68.

San Diego Co., Div. 7, Route 12, Sec. B.
Isabel Const'r Co., S. D. \$12,592.75
C. L. Hyde Const'r Co., S. D. 12,059.50
Engineer's estimate, \$11,955.30.

Materials furnished by the State:
Pipe railings, reinforcing steel, corrugated iron pipe and Portland cement.
Total, \$5,696.70.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, F. H. Gentry, Marsh-Strong Bldg., L. A. Owners, Business Properties Co. The building will be erected at the corner of Moneta and Santa Barbara avenues, covering an area of 50 by 120 feet. There will be two stores on the first floor besides the entrance. Upper floors will contain a total of 45 rooms arranged in suites of two and three rooms. Interior finish will be of pine and redwood. All apartments will have wall beds and private baths. There will be steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. Patent store fronts will be used. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Richard D. King, L. W. Hellman Bldg., L. A. Owner, J. A. Hill. The building will be erected on Hope street north of 3rd, and will cover an area of 60 by 150 feet. There will be a total of 97 rooms arranged in suites of two and three rooms with private baths. Interior will be finished in pine and elm. All apartments will be equipped with wall beds. Plans provide for an automatic elevator, steam heat and a hot water system. Bath rooms will have the wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is taking figures. All parts of the work will be segregated.

MAUSOLEUM—1 story and base, granite, \$130,000. Riverside, Riverside Co., Cal. Architect's name not given. Owners, California Mausoleum Company, Los Angeles Investment Bldg., L. A. The building will be of reinforced concrete construction with granite facing on the exterior and marble and bronze interior finish. It will contain from 350 to 500 crypts, the size depending upon the support the project receives from the people of Riverside.

MAUSOLEUM—1 story and base, reinforced concrete, \$85,000. Riverside, Riverside Co., Cal. Architect, none. Owners, Granite Mausoleum Co., 810 South Flower street, Los Angeles. The building will be erected in Olivewood Cemetery. The general construction work will be under the supervision of J. A. Mathis, 336 W 31st street, vice-president of the company. The granite work will be done by Bly Bros. & McGilliard. C. E. Bly is treasurer of the company, and Fred E. Pierce of Pierce Bros., undertakers, is president. It will be of reinforced concrete construction with granite exterior facing and white marble and bronze interior finish.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Bordeaux & Johnson, Ferguson Bldg., L. A. Owner's name withheld. The building will be erected on east San Pedro street north of 2nd, and will cover a considerable ground area. There will be two stores on the first floor besides the hotel lobby. Upper floors will be divided into 72 guest rooms and a number of public and private baths. Interior will be finished in pine throughout. Plans provide for steam heat, elevator service and a hot water system. Patent store fronts will be used. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$10,000. Hollywood, Los Angeles Co., Cal. Architect, B. Cooper Corbet, Union Oil Bldg., L. A. Owner, F. E. Luviss. The dwelling has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. White enamel will be used in the sleeping rooms. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile wainscot and floors and will be fitted with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OFFICES—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, G. A. Howard, Jr., Grant Bldg., L. A. Owner, Butler and Taylor. The building will be erected at the corner of 45th and Normandie

covering an area of 42 by 80 feet. There will be two stores on the first floor and seven offices on the upper floor. Interior will be finished in pine and hardwood. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick, \$60,000. Los Angeles, Cal. Architect, John B. Nicholson, Wright and Callender Bldg., L. A. Owner, H. E. White. Contractor, Fred Siegle, Van Nuys Bldg., L. A. Contract price, \$60,000.

HIGHWAY CONSTRUCTION—\$20,775.61. Orange, Orange Co., Cal. Engineer, County Surveyor, Orange. Owners, Orange County, Contractors, Hart & Ducey, Pasadena. Contract price, \$20,775.20.

STORES AND OFFICES—7 story and base, reinforced concrete, \$374,000. Los Angeles, Cal. Architects, Frederick Noonan and William Richards, Brockman Bldg., L. A. Owners, J. W. Robinson. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. general construction only. Contract price, \$374,000. The building complete has been estimated to cost, \$1,000,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, concrete and brick, \$35,000. Portland, Ore. Architect, C. A. Duke, Failing Bldg., Portland. Owner, H. Meter. The building will be erected at the gore corner of Market, Third and Clay streets, covering an area of approximately 76 by 97 feet. There will be four stores on the first floor besides the main entrance to the apartments. Upper floors will contain 37 rooms arranged in suites of two and three rooms. There will be pine and redwood finish and some oak floors. All suites will have wall beds and private bath rooms. Plans provide for steam heat and a hot water system. Patent store fronts will be specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick or concrete, \$30,000. Portland, Ore. Architect, none. Owner, T. A. Sutherland, 1084 Hawthorne avenue, Portland. The building will be erected at the southeast corner of Glenn and Hawthorne streets covering an area of 95 by 60 feet. There will be a total of 23 apartments, all of which will have wall beds and private bath rooms. Interior finish will be of pine and elm panels. Some oak floors will be used. Plans provide for steam heat and a hot water supply. Bath rooms will be finished in tile wainscot and composition floors. Tile and marble will be used in the entrance. Exterior of the building will be faced with cement plaster or pressed brick. Plans are being prepared by the owner.

BANK—Class A construction, \$400,000. Portland, Ore. Architects, Shelly-Rutan & Coolidge, Boston. Mass. Owners, First National and Security Savings and Trust Co. The building will be erected at the corner of 5th and Stark streets, and will cover a large ground area. Construction will

be of the Class A type with a heavy steel frame. It has been stated that Architect David D. Lewis of Portland would be associated with the Boston firm and would have complete charge of the building. Other than the fact that the design will be the Athenian Parthenon style of architecture no details have been made public. Construction will not be started until January, 1916. Further mention will be made of this work.

DOCK SHEDS, ETC.—1 and 2 story, hollow tile construction. Cost not stated. Astoria, Ore. Engineer, F. J. Walsh, Port of Astoria. Owners, Port of Astoria. The building will be 1430 feet long and 90 feet wide, one story high, with a portion of the building, 250 feet long, two stories high. This part will be used for the various offices and passenger accommodations. There will also be platforms on each side, to extend the entire length of the building, 40 feet wide. Provision will also be made for a cold storage platform 350 feet square. The doors and windows will be of steel, while the roofing will be of asbestos, and the walls hollow tile construction.

CHURCH, SCHOOL AND RESIDENCE—2 story, brick, \$250,000. Portland, Ore. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Roman Catholic Church. These buildings will be erected on the block bounded by Couch, Davis, 15th and 18th streets. In general, the style followed will be Italian renaissance, with exterior finishing in brick and terra cotta trimmings. The church and residence will be connected and an interior court will be constructed, a cloister and playground for the school children. The school building will be two stories in height, with five class rooms and an office on the first floor, and class rooms and a social hall on the second. The basement will house the manual training department and the boys and girls' lavatories, together with an auditorium for the school. Plans are being prepared.

ARMORY—1 and 2 story and base, brick and steel. Cost not stated. Eugene, Ore. Architects, Hunzicker & Preusse, Eugene, Ore. Owners, State of Oregon. The building will cover an area of 132 by 148 feet. There will be a large drill room, occupying the most of the main floor, swimming pool and gymnasium the basement and assembly rooms and locker rooms on the upper floor. Interior will be finished in pine. There will be a maple floor in the drill room. Plans provide for steam heat. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

SCHOOL ADMINISTRATION BUILDING—2 story and base, brick, \$100,000. Eugene, Ore. Architect, W. C. Knighton, State Architect, Salem. Owners, State Board of Regents. The building will be erected on the University grounds, covering an area of 86 by 104 feet. There will be six class rooms on the first floor. A large rotunda will open off of the main entrance and the administration offices will be arranged around this rotunda on the second floor. Interior of the building will be finished in pine and hardwoods. There will be steam heat and modern plumbing.

ing. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans and specifications can be secured from the State Architect or from the Secretary of the Board of Regents, L. H. Johnson, Eugene.

SEATTLE AND WASHINGTON.

COLD STORAGE PLANT—8 story and base, reinforced concrete, \$210,000. Seattle, Wash. Architect, H. Baetz, associated with Chief Engineer P. P. Whitman, of the Port of Seattle Commission, Seattle. Owners, City of Seattle. The building will be erected at the northwest corner of Spokane and Whittom streets, covering an area of 147 by 195 feet. Construction will be fireproof throughout with heavy concrete walls, floors and roof slabs. Interior partitions will be of hollow tile. There will be four elevators of 4,000 pounds capacity. Special refrigerating machinery will be installed costing in the neighborhood of \$250,000. Exterior of the building will be faced with cement plaster. Plans are complete and now out for figures. Bids will be opened by the Port of Seattle Commission on September 23rd. Plans and specifications can be secured on application to the Commission at Seattle.

WAREHOUSE—3 or 4 story, reinforced concrete, \$75,000. Seattle, Wash. Architect, H. Baetz, associated with Chief Engineer P. P. Whitman, Port of Seattle Commission, Seattle. Owners, City of Seattle. Preliminary studies have been started for a fish storage warehouse to be erected in connection with the municipal dock cold storage plant at Seattle. The intention is to construct a building having a capacity of 2,000,000 pounds with and ice storage plant of 5,000 tons capacity. The structure will be of fireproof construction. Further mention will be made of the work as plans progress.

LODGE HALL—4 story and base, reinforced concrete, \$100,000. Tacoma, Wash. Architect, C. Frere, Henry Bldg., Seattle. Owners Tacoma Elks' Hall Association. The building will be erected at the corner of C and 7th streets, and will cover a large ground area. Construction will be fireproof throughout. There will be, besides the social rooms and lodge rooms, office and living apartments. Interior will be handsomely finished in pine and hardwood. Modern mechanical equipment, including elevators, steam heat and vacuum cleaning, will be installed. Exterior of the building will be faced with cement plaster. Competitive plans were submitted, fourteen sets of plans being received. Architect C. H. Pebb of Seattle acted as advisor. Working drawings are now being completed.

Contracts Awarded.

CLUB HOUSE—4 story and base, hollow tile construction, \$50,000. Bellingham, Wash. Architects, Carl F. Gould and Charles Bebb, Denny Bldg., Seattle. Owner, C. X. Larabee. Contractor, G. W. Hunt, 1367 North 46th street, Seattle. Contract price, \$50,000. Note: When complete the building will be occupied by the Young Men's Christian Association.

Building Contracts Awarded

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Am't
2926	Johnson	Johnson	2500
2927	Johnson	Johnson	2500
2928	Nelson	Nelson	2500
2929	Sperry	McKillican	400
2930	Virgilio	Nat'l Brew'g	400
2931	Jacobs	Schroeder	600
2932	Church	Hamill	900
2933	Dillon	Brumfield	500
2934	Wells, Fargo & Co.	Mooney	6650
2935	Matheson	MacArthur	3350
2936	McPartland	Walker	3575
2937	Crocker	Reed	1150
2938	Crocker	Little	5150
2939	Century	Peck	2065
2940	Gilmour	Higginson	11700
2941	Austin	Briggs	500
2942	Davis	Olsen	350
2943	Dillon	Pink	400
2944	Presd Golf	Wesendunk	500
2945	Dillon	Brumfield	500
2946	Mortensen	Mortensen	1000
2947	Kofahl	Knight	2600
2948	Emporium	Ludlow	2252
2949	Wolf	Wengard	1213
2950	McConaghy	Praper	1402
2951	Sou. Cal.	Franz	2843
2952	Larsen	Olsen	2300
2953	McAllen	McCarthy	400
2954	Muller	Muller	450
2955	Miller	Sharman	400
2956	Von der Leith	Mulcahy	400
2957	Johnson	Johnson	2800
2958	Giarritta	Giarritta	4000
2959	Frederickson	Owner	10000
2960	Oppel	Oppel	4500
2961	Bothin	Bothin	5000
2962	S. F. Invest	Hule	2000
2963	Finocchio	Anderson	3471
2964	Barton	Wallace	1377
2965	Barton	Brandon	6900
2966	Barton	Spargo	1200
2967	Orange Elm	Strehlow	4200
2968	Gottlicher	Reite	5000
2969	Pac. Gas	Pac. Gas	30000
2970	Cath. Arch.	McLaughlin	18000
2971	Sullivan	Higginson	12152
2972	Sosotte	Verner	2575
2973	Perry	Petry	4100
2974	Pac Gas & Elec.	Price	348
2975	Podesta	Devencenzi	2150
2976	Cohen	Smith	5452
2977	Morrow	Houle	2955
2978	Wittkopp	Kempton	2945
2979	S. P.	Sullivan	6022

DWELLING

(2926) E TWENTY-FIRST AVE., 150	
S Geary. Two-story frame dwelling.	
Owner.....Johnson & Johnson, 818	
14th S. F.	
Architect....None.	
Day's work.	COST, \$2500

DWELLING

(2927) E TWENTY-FIRST AVE., 175	
S Geary. Two-story frame dwelling.	
Owner.....Johnson & Johnson, 818	
14th S. F.	
Architect....None.	
Day's work.	COST, \$2500

DWELLING

(2928) N CALIFORNIA, 90 W 15th	
Ave. Two-story and basement frame dwelling.	
Owner.....F. Nelson, 30 Presidio Terrace, S. F.	
Architect....None.	
Day's work.	COST, \$2500

DWELLING

(2929) 2535 LAGUNA. Repair steps, painting and papering dwelling.	
Owner.....Horace Sperry, 2100 Pacific Ave., S. F.	
Architect....N. Blaisdell, 255 California, S. F.	

Contractor..Robert McKillican, et al.
180 Jessie, S. F.

Usual 35 days \$37.50
TOTAL COST, \$3350

CELLAR

(2930) W FILLMORE, 50 S Chestnut.
Construct beer cellar (concrete.)
Owner.....Virgilio Saloon, premises.
Architect....None.
Contractor..National Brewery, Fulton and Webster, S. F.

Bond, Sureties, Forfeit, none. Limit, 90 days after August 24. Plans and specifications filed.

FLATS

(2936) S GLOVER, 137-6 E Leavenworth, 22-6x60. All work for a two-story frame building (flats.)
Owner.....Percy and Tista McPartland, 1401 Leavenworth, San Francisco.
Architect....Banks & Copeland, 333 Kearny, S. F.
Contractor..G. H. and S. Walker, 110 Jessie, S. F.

Filed Aug. 24, '14. Dated Aug. 20, '14.
Roof boards on \$ 865
White coated 850
Completed and accepted 860
Usual 35 days 1000
TOTAL COST, \$3575

Bond, \$1800. Sureties L. B. Dunn and J. C. Ward; Forfeit, none. Limit 90 days. Plans and specifications filed.

ADDITION

(2937) SE JESSIE & ECKER, E 50 N 1-6 S 26 W 103-6 N 76. Brick work for addition to a present one-story building.

Owner.....W. H. Crocker, Crocker Bank Bldg., S. F.
Architect....Philip Overman, Shreve Bldg., S. F.
Contractor..Reed & White, 681 Market, S. F.

Filed Aug. 24, '14. Dated Aug. 14, '14.
Upon issuance of architect, \$862.50
Usual 35 days 287.50
TOTAL COST, \$1150

Bond, Sureties, none. Forfeit, \$5. Limit, 30 days. Plans and specifications filed.

(2938) ALL WORK EXCEPT BRICK work, elevator, plumbing and electric work on above.

Contractor..Wm. Little, 753 8th Ave., San Francisco.

Filed Aug. 24, '14. Dated Aug. 14, '14.
2nd floor joists set \$1287.50
Roof on 1287.50
Acceptance 1287.50
Usual 35 days 1287.50
TOTAL COST, \$5150

Bond, Sureties, none. Forfeit, \$5. Limit, 60 days. Plans and specifications filed.

HEATING

(2939) FRANKLIN & SUTTER, All work for hot water heating domestic supply (apartments.)

Owner.....The Century Club, 1355 Franklin, S. F.

Architect....None.
Contractor..Peck & Draper Co., 525 Market, S. F.

Filed Aug. 24, '14. Dated Aug. 13, '14.
Monthly during progress of wk '15
Usual 35 days 25%

TOTAL COST, \$2066
Bond, \$1050. Surety, Maryland Casualty Co. Forfeit, none. Limit, October 1, 1914. Specifications only filed.

ALTERATIONS

(2934) INT. MONTGOMERY, POST & Market. Reconstruction of 3rd floor of building (Nevada Bank Bldg.)

Owner.....Wells-Fargo, Nevada National Bank.

Architect....Wm. Mooser, Nevada Bank Bldg., S. F.

Contractor..Ed. Mooney, 497 29th, San Francisco.

Filed Aug. 24, '14. Dated Aug. 22, '14.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$6650

Bond, \$4325. Surety, Fidelity and Deposit Co. of Maryland. Forfeit, none. Limit, 50 days. Plans and specifications filed.

RESIDENCE

(2935) E FIFTH AVE, 200 S Cabrillo, S 25XE 120. Spec. read E 5th Ave, 225 S Cabrillo. All work for a two-story and basement frame building (residence.)

Owner.....Duncan Matheson, 602 2nd Ave., S. F.

Architect....None.

Contractor..H. E. and T. W. MacArthur, 1560 Fell, S. F.

Filed Aug. 24, '14. Dated Aug. 21, '14.
Roof on \$837.50
Brown coated and rough plumbing in \$37.50
Completed and accepted \$37.50

FRAME APARTMENTS

(2943) SW GREENWICH and Larkin, S 46-1/2xW 70. All work except plaster, plumbing, steam heat and electric fixtures and shades for three-story and basement frame building (12 apartments of three-rooms each.)

Owner.....William G. Gilmore, 180 Jessie, S. F.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor...Higginson Co., Inc., Humboldt Bk. Bldg., S. F.

Filed Aug. 24, '14. Dated Aug. 22, '14. Brown coat on interior.....\$3000

Completed and accepted 3200

Usual 35 days 5500

TOTAL COST, \$11,700

Bond, \$5500. Sureties, B. Gallagher and H. J. Schober. Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS

(2941) GREAT HIGHWAY nr Cabrillo, Erect seats of 1200 capacity.

Owner.....Austin & Briggs, Prem.

Architect...None.

Day's work. COST, \$500

PLASTERING

(2942) NO. 3736 JACKSON. Plaster exterior.

Owner.....C. R. Davis, premises.

Architect...None.

Contractor...O. E. Olsen, 125 Jersey, San Francisco.

COST, \$550

ALTERATIONS

(2943) NO. 777 MARKET. Repairs and changes in store.

Owner.....Tom Dillon, 720 Market, San Francisco.

Architect...None.

Contractor...The Fink & Schlinder Co., 215 13th, S. F.

COST, \$400

SHOP

(2944) LOT 7, Presidio Terrace. One-story frame shop.

Owner.....Presidio Golf Club, Presidio Terrace.

Architect...MacDonald & MacDonald, 633 Holbrook Bldg., S. F.

Contractor...A. E. Wesendunk, 848 San Jose Ave., S. F.

COST, \$500

SIGN

(2945) NO. 745 MARKET. Roof sign.

Owner.....Tom Dillon, 720 Market, San Francisco.

Architect...None.

Contractor...Bumfield Electric Sign Co., 18 7th, S. F.

COST, \$500

ALTERATIONS

(2946) NOS. 711-13-15 CENTRAL AVE. Wiring, repairs and alter dwelling.

Owner.....J. P. Mortensen.

Architect...None.

Day's work. COST, \$1000

FRAME RESIDENCE

(2947) SE ATHENS & NAPLES, being lot 31, block 23, Crocker Amazon Tract. All work for a one-story and basement frame residence.

Owner.....A. F. Kofahl.

Architect...Henry Shermund, Mills Bldg., S. F.

Contractor...C. L. Knight, 467 Rolph, San Francisco.

Filed Aug. 26, '14. Dated Aug. 18, '14. Frame up and building enclosed\$866.65

Completed and accepted 866.65

Usual 35 days 866.70

TOTAL COST, \$2600

Bond, Sureties, none. Forfeit, \$5 Limit, 40 days. Plans and specifications filed.

ALTERATIONS

(2948) MARKET, between 4th and 5th streets. Steel work, concrete, furring, lathing, plastering, cementing, carpenter, mill work, painting, varnishing, sprinkler system and electric work for alterations to second floor of Emporium.

Owner.....The Emporium Corp., premises.

Architect...None.

Contractor...James T. Ludlow and J. R. Wilson, 604 Mission, S. F.

Filed Aug. 26, '14. Dated Aug. 25, '14. One-half complete\$335

Completed and accepted 835

Usual 35 days 553

TOTAL COST, \$2225

Bond, Sureties, none. Forfeit, \$25; bonus, \$25. Limit, September 30, 1914.

Plans and specifications filed.

FRAME RESIDENCE

(2949) W EIGHTH AVE., 325 S Lake, S 25xW 120. All work for a two-story and basement frame residence.

Owner.....David Wolf, 1855 Green, San Francisco.

Architect...Fabre & Bearwald, Merchants' Nat'l Bank Bldg., San Francisco.

Contractor...E. Wengard, 3638 Judah, San Francisco.

Filed Aug. 26, '14. Dated Aug. 22, '14. Frame up and roof on.....\$1000

Brown coated 1000

Completed and accepted 1160

Usual 25 days 1658

TOTAL COST, \$4218

Bond, \$2109. Surety, Fidelity and Deposit Co. of Maryland. Forfeit, \$5 Limit, 75 days. Plans and specifications filed.

HEATING FOR APARTMENTS

(2950) ARMY NEAR MISSION. Hot water heating and domestic supply apparatus for apartments.

Owner.....Mary A. and Jno. McConaghy.

Architect...Wm. H. Crim, Jr., 425 Kearny, S. F.

Contractor...Peck & Draper Co., 525 Market, S. F.

Filed Aug. 26, '14. Dated Aug. 21, '14. On 1st of each month 75%

Usual 35 days 25%

TOTAL COST, \$1602

Bond, \$825. Surety, Maryland Casualty Co. Forfeit, none. Limit, none.

Plans and specifications filed.

FRAME CONCESSION

(2951) ON EXPOSITION SITE. All work for building for Cawston Ostrich Farm concession.

Owner.....Southern California Ostrich Farm.

Architect...Arthur Heineman, Los Angeles.

Contractor...Val Franz and Fred P. Fisher, 110 Jessie, S. F.

Filed Aug. 26, 1914. Dated Aug. 25, '14. Enclosed with sheathing.....\$1000

Roof and ornamental work and plaster on 1000

Completed and accepted 843

TOTAL COST, \$2843

Bond, \$1425. Surety National Surety Co. Forfeit, none. Limit, 45 days.

Plans and specifications filed.

FRAME COTTAGE

(2952) S TWENTIETH, 130 E Sanchez. Five-room cottage and garage.

Owner.....Henrietta E. Larsen and Charles K. Stern, Jr.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...A. Olson, 125 Jersey, S. F.

Filed Aug. 26, '14. Dated Aug. 25, '14. Frame up\$575

Brown coated 575

Completed and accepted 575

Usual 35 days 575

TOTAL COST, \$2300

Bond, \$1150. Sureties, H. A. Norman and Jno. T. Miller. Forfeit, none.

Limit, 60 days. Plans and specifications filed.

ALTERATIONS

(2953) NO. 4575 EIGHTEENTH. Re-shingle and repair dwelling.

Owner.....Mrs. M. McAllen, Prem.

Architect...None.

Contractor...Jas. T. McCarthy, 432 Eureka, S. F.

COST, \$400

ALTERATIONS

(2954) NO. 373 FORTIETH AVE. Alter, raise and repair dwelling.

Owner.....Emilie Muller, premises.

Architect...None.

Day's work. COST, \$150

ALTERATIONS

(2955) N NEWCASTLE, 100 E Lane. Raise dwelling and add two rooms.

Owner.....H. Miller, 1468 Newcastle Ave., S. F.

Architect...None.

Contractor...T. L. Sharmar, 1440 Shafer Ave., S. F.

COST, \$100

ALTERATIONS

(2956) NO. 2929 STEINER. Underpin walls.

Owner.....Dr. H. O. Von der Leith, premises.

Architect...None.

Contractor...Mulcahy Bros., Builders' Exchange, S. F.

COST, \$100

DWELLING

(2957) W SIXTEENTH AVE., 225 S Anza. Two-story and basement frame dwelling.

Owner.....Alfred Johnson, 2423 Clement, S. F.

Architect...None.

Day's work. COST, \$2800

FLATS AND STORE

(2958) E SCOTT, 25 S Chestnut. Two-story and basement frame flats and store (25x54).

Owner.....Frank Giarritta, 3254 Scott, San Francisco.

Architect...None.

Day's work. COST, \$4000

(2959) W FILLMORE, 114 1/2 N Union. Two-story and basement frame (2) flats.

Owner.....T. H. Fredericksen, Nevada Bank Bldg., S. F.

Architect...Wm. Mooser, Nevada Bk. Bldg., S. F.

Contractor...Sub. contracts.

Frame up. COST, \$10,000

FACTORY

(2960) S NATOMA, 215 E 2nd. One-story brick factory.

Owner.....John V. Oppel, 804 York,
San Francisco.
Architect.....John A. Ettler, 604 Mis-
sion, S. F.
Day's work. COST, \$4500
Note: Work started.

REPAIRS
(2961) NOS. 12-14 NATOMA. Repair
fire damage.

Owner.....Bothin Real Estate Co.,
604 Mission, S. F.
Architect.....John A. Ettler, 604 Mis-
sion, S. F.
Day's work. COST, \$5000
Note: Work started.

GRADING FOR LOFT BUILDING
(2962) NW MISSION AND BEALE,
137-6x137-6. Clearing and grading to
water line to prepare for piling for
foundations of a three-story and
basement loft building of mill con-
struction.

Owner.....San Francisco Investment
Co., Clunie Bldg. S. F.
Architect.....Nathaniel Blaisdell, 255
California, S. F.
Contractor.....E. M. Huie & Co., 319
Langton, S. F.

Not filed.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$2000
Bond, Sureties, Forfeit, none. Limit,
90 days. No plans or specifications filed.

FRAME RESIDENCE
(2963) SW PALOU AVE (16th Ave,
South) 400 NW Lane, NW 25xSW 160.
All work for a two-story and base-
ment frame residence and garage.
Owner.....Jno. R. Pinocchio, 1543
Palou Ave., S. F.
Architect.....M. J. Welsh, 22nd and Mis-
sion, S. F.

Contractor.....G. Anderson.
Filed Aug. 27, '14. Dated Aug. 26, '14.
Frame up\$867.75
Brown coated 867.75
Completed 867.75
Usual 35 days 867.75
TOTAL COST, \$3411

Bond, \$1735. Surety, Fidelity and De-
posit Co. of Maryland. Forfeit, \$1.
Limit, 90 days. Plans and specifica-
tions filed.

CLASS "C" LOFTS
(2964) N SACRAMENTO, 60 E Front,
N 119-6 E 20 S 59-6 E 20 S 60 W 40.
All work of carpentry, hardware,
marble, glazing, roof, tinning, gal-
vanized iron, electric wiring, paint-
ing, plumbing, sewerage, gas fitting,
etc., for a three-story and basement
class C wholesale house.

Owner.....W. F. Barton, 10 East, San
Francisco.
Architect.....O'Brien Bros., Inc., Clunie
Bldg., S. F.
Contractor.....A. M. Wallen, 1253 Waller,
San Francisco.
Filed Aug. 27, '14. Dated Aug. 20, '14.
2nd story joists in place...\$ 820.70
Roofed 820.70
Building floored, plumbing
roughed in, galvanized iron
set 820.70
Completed and accepted 820.65
Usual 35 days 1094.25
TOTAL COST, \$1377

Bond, Sureties, none. Forfeit, \$10.
Limit, 40 days on completion of base-
ment walls. Plans and specifications
filed.

(2965) BRICKWORK, FLUES, WALL
cementing, bond iron, anchors, steel,

cast iron, sidewalk doors on above.
Contractor.....Brandon & Lawson, Hearst
Bldg., S. F.
Filed Aug. 27, '14. Dated Aug. 17, '14.
Brick walls up to 2nd floor
level\$1725
Brick walls up to rafter level. 1725
Completed and accepted 1725
Usual 35 days 1725

TOTAL COST, \$6900
Bond, Sureties, none. Forfeit, \$20.
Limit, 30 days after completion of
basement walls. Plans and specifica-
tions filed.

(2966) CONCRETE WORK, CEMENT
work, pumping, reinforced steel,
sidewalk lights, water proofing on
above.
Contractor.....John Spargo, 926 Presidio
Ave., S. F.
Filed Aug. 27, '14. Dated Aug. 17, '14.
33 1/2% of work done\$1070
66 1/2% of work done 1000
Completed and accepted except
side walks 1100
35 days after except side walks 1075
Side walks completed and ac-
cepted 125

TOTAL COST, \$4300
Bond, Sureties, none. Forfeit, \$10.
Limit, 30 days after piling completed.
Plans and specifications filed.

FRAME & PLASTER CONCESSION
(2967) EXPOSITION SITE. Excavat-
ing, carpenter, roofing, sheet metal,
hardware, glass, lathing, plastering
and plumbing for Orange Blossom
Concession No. 1 (frame and plaster.)
Owner.....The Orange Blossom, Inc.,
47 Kearny, S. F.

Architect.....G. Albert Lansburgh, M. A.
Gunst Bldg., S. F.
Contractor.....Strehlow, Freese & Peter-
son, Exposition Site.
Filed Aug. 27, '14. Dated Aug. 22, '14.
Frame up\$3000
Staff, roof and plastering fin-
ished 3000
Completed and accepted 3000
Usual 35 days 3000

TOTAL COST, \$12,000
Bond, \$6000. Surety, Pacific Coast
Casualty Co. Forfeit, \$10. Limit, De-
cember 1, 1914. Plans and specifications
filed.

FLATS
(2968) NW CLEMENTINA, 100 SW
8th St. Two-story frame (4) flats.
Owner.....F. Gottlicher.
Architect.....C. A. Meussdorffer, 1104
Humboldt Bk. Bldg., S. F.
Contractor.....J. B. Reite, 110 Jessie, San
Francisco.
COST, \$5000

POWER STATION
(2969) E EIGHTH, 40 N Minna. One-
story Class "C" power station.
Owner.....Pacific Gas & Electric Co.,
437 Bankers' Investment
Bldg., S. F.
Architect.....Frederick H. Meyer, 437
Bankers' Investment Bldg.,
San Francisco.
Day's work. COST, \$30,000

STEEL, ETC., FOR CHURCH
(2970) NW EIGHTH AVE & GEARY.
Structural steel frame, reinforced
concrete walls, mill work, rough
hardware, iron, slate roofing, com-
position roofing, sheet metal, paint-
ing etc., or Star of the Sea Church.
Owner.....Roman Catholic Arch-
bishop of San Francisco,
1110 Franklin, S. F.

Architect.....Frank T. Shea and Jno.
O. Lofquist, 241 Kearny,
San Francisco.

Contractor.....Jas. L. McLaughlin, 241
Kearny, S. F.
Filed Aug. 28, '14. Dated Aug. 11, '14.
On 1st of each month 75%
Usual 35 days 25%

TOTAL COST, \$18,000
Bond, \$9,000. Sureties, Thos. O'Day
and Chas. Harris. Forfeit, \$10. Limit,
100 days. Plans and specifications
filed.

FRAME RESIDENCE
(2971) S TWENTY-FIRST, 58-9 E
Fair Oaks, E 38-9xS 122. All work
except painting for a two-story
frame residence.

Owner.....Eustace Cullinan, 3434
21st, S. F.
Architect.....Leo J. Devlin, Pacific
Bldg., S. F.
Contractor.....Harginson Co., Inc., Hum-
boldt Bk. Bldg., S. F.
Filed Aug. 28, '14. Dated Aug. 24, '14.
First tier of joists in place...\$1000
Enclosed with sheathing and
rustic 1602
Building plastered 2500
Outside work done, cement
floor laid and ready for paint-
ing 3000
Completed 1000
Usual 35 days 3050
TOTAL COST, \$12,152
Bond, \$6,200. Surety, United States
Fidelity and Guaranty Co. Forfeit, \$5.
Limit, 100. Plans and specifications
filed.

FRAME COTTAGE
(2972) N LAWTON, 82-6 W 10th Ave.,
W 25xN 100. O. L. 778. All work
except painting for a two-story
frame cottage.
Owner.....Fred and Madeline So-
sotte, 406 Lawton Ave.,
San Francisco.

Architect.....None.
Contractor.....J. H. Verner, 1921 23rd,
San Francisco.
Filed Aug. 28, '14. Dated Aug. 27, '14.
Roof on\$643.75
Brown coated 643.75
Completed and accepted 643.75
Usual 35 days 643.75
TOTAL COST, \$2575

Bond, Surety, Forfeit, none. Limit, 70
days after August 31. Plans and spec-
ifications filed.

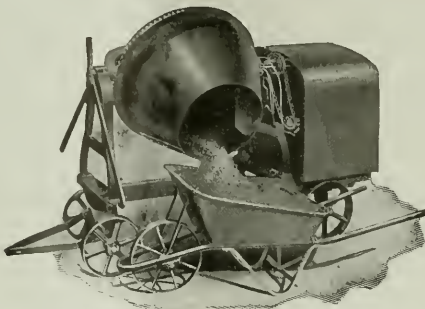
FRAME APARTMENTS
(2973) N PAGE, 75 W Broderick, 25x
100. Alterations and additions to a
two-story frame into apartments.
Owner.....Margaret E. Perry, 1122
Page, S. F.

Architect.....None.
Contractor.....A. Petry, 336 Pierce, San
Francisco.
Filed Aug. 28, '14. Dated Aug. 27, '14.
Frame of two rear rooms up...\$ 500
When front framed 525
Tearing out, framed and ready
for lathing 1025
Completed 1025
Usual 35 days 1025

TOTAL COST, \$4100
Bond, \$2,050. Sureties, Philip Wesen-
dunk and H. A. Norman. Forfeit, \$1.
Limit, 90 days. Plans and specifications
filed.

ROOFING FOR BUILDING
(2974) FLOCK BLED BY HIMBOLDT,
23rd, Georgia and Louisa. Roofing

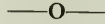
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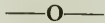
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work for extension to Station A.
Owner.....Pacific Gas & Electric Co.,
445 Sutter, S. F.
Architect....Frederick H. Meyer,
Bankers' Invest Bldg., S. F.
Contractor...Thos. H. Price, Monad-
nock Bldg., S. F.

Filed Aug. 28, '14. Dated Aug. 24, '14.
On completion 75%
Usual 35 days 25%
TOTAL COST, \$348
Bond, \$171. Surety, Illinois Surety Co.
Forfeit, Limit, none. Plans and specifi-
cations filed.

FRAME STORES

(2975) E POLK 86 N Clay, E 100xN
25-2 1/2. All work except grading,
foundation, concrete and cement
work, shades and light fixtures for
a one-story frame structure (stores).
Owner.....G. Podesta.

Architect....Righetti & Headman,
Phelan Bldg., S. F.
Contractor...Devenecenzi Bros. & Co.,
1069 Union, S. F.

Filed Aug. 28, '14. Dated Aug. 26, '14.
Enclosed ready for lathing.....\$800
Completed and accepted \$800

Usual 35 days 550
TOTAL COST, \$2150
Bond, \$1075. Sureties, L. Peirano and
Domenico Devenecenzi. Forfeit, none.
Limit, 35 Days. Plans and specifi-
cations filed.

ALTER APARTMENTS

(2976) S McALLISTER, 55 W Gough.
All work of alterations and additions
except wall beds and dressers for
apartment house.
Owner.....Heuben Cohen, Westbank
Bldg., S. F.

Architect....Heiman & Schwartz, Ne-
vada Bk. Bldg., S. F.
Contractor...B. O. Smith, 101 Alpine
Terrace, S. F.

Filed Aug. 29, '14. Dated Aug. 17, '14.
Outside burnt portion re-
stored and ready for
lathing \$1365.62 1/2
Finish coat plaster on and
plumbing and electric
work roughed in 1365.62 1/2
Completed and accepted... 1365.62 1/2
Usual 35 days 1365.62 1/2
TOTAL COST, \$5462.50
Bond, \$2750. Surety, Massachusetts

Bonding and Insurance Co. Forfeit,
none. Limit, 60 days. Plans and specifi-
cations filed.

RESIDENCE

(2977) W COLLINGWOOD, 60 S —, S
25xW 125. Portion Horner's Addi-
tion, block 190. All work for two-
story and basement frame residence.
Owner.....Mary E. and James Mor-
row.

Architect...None.
Contractor...D. Houle, 660 Market, S. F.
Filed Aug. 29, '14. Dated Aug. 28, '14.
Frame up \$738.75
Brown coated 738.75
Completed 738.75
Usual 35 days 738.75
TOTAL COST, \$2955

Bond, Sureties, Forfeit, none. Limit,
90 days. Plans and specifications filed.
Specifications read Collingwood be-
tween 21st and 22nd.

RESIDENCE

(2978) N TWENTY-NINTH, 80 E Cas-
tro. All work for two-story and
basement, seven-room frame resi-
dence.

Owner.....H. A. Wittkopp, 429 Gates,
San Francisco.
Architect....M. P. Kempton, 59 Merritt,
San Francisco.
Contractor...M. P. Kempton.

Filed Aug. 29, '14. Dated Aug. 18, '14.
Ceiling joists on \$736
Rough coat plaster on 736
Completed and accepted 736
Usual 35 days 737
TOTAL COST, \$2945

Bond, \$1472.50. Surety, Alice I. Sweet-
ney. Forfeit, none. Limit, 70 days.
Plans and specifications filed.

MOVE FREIGHT SHED

(2979) LOCATION NOT GIVEN. Move
and place buildings known as freight
shed F and dining car commissary
to location known to contractor.

Owner.....Southern Pacific Company,
Flood Bldg., S. F.

Architect...None.
Contractor...D. J. and T. Sullivan, 1940
Folsom, S. F.

Filed Aug. 29, '14. Dated Aug. 19, '14.
Payments of 75%
Usual 35 days 25%
TOTAL COST, \$6032

Bond, \$3500. Surety, The Aetna Acci-
dent and Liability Co. Forfeit, Limit,
none. No plans or specifications filed.

Oakland.

No.	Owner	Contractor	Am't
2117	McCaffery	McCaffery	550
2118	Mac Williamson	Stykes	350
2119	Leccerino	Brunetti	400
2120	Crosby	Cunningham	2500
2121	Dunham	Texdahl	3178
2122	Hawkins	Stewart	4000
2125	Gansberg	Von Werder	1500
2126	Oak Bldg.	Owner	400
2127	Santa Fe	Nall	400
2128	Ellis	Smith	2200
2129	Iverson	Williamson	1800
2130	Capwell	Otis	7580
2131	Roberts	Allen	1450
2132	Mason	Mason	500
2136	Hazlett	Hurbert	12800
2137	Lesser	Walker	500
2138	Crossley	Schnebly	500
2139	Peterson	Peterson	1800
2140	Fuller	Chase	3000
2141	Ellis	Smith	2200
2142	Greenwood	Leifer	1800
2143	Debenedetti	Valente	1815
2146	Strang	Strang	1800
2147	Lawson	Anderson	2000
2148	Haskill	Roteford	400
2149	Quigley	Quigley	4000
2150	Lethman	Lethman	1200
2151	Seville	Seville	400
2152	Dailey	Dailey	400
2153	Prates	Murdock	400
2155	Goebels	Sullivan	1600

2156	Blood	.....Otis	3705
2157	Blood	.....Dixon	1690
2158	Blood	.....Monarch	2500
2159	Blood	.....Doehl	1368
2160	Blood	.....Gensler	1218
2162	Marquis	.....Marquis	1500
2163	Pabst	.....Corbett	400
2164	Gl'r Okd Mkt	.....Knight	7500
2165	Schmidt	.....Schmidt	1200
2166	Downing	.....Whalin	600
2167	Mugler	.....Foss	550

DWELLING
(2117) S E ST, 43 W 88th Ave., Oakland. One-story 4-room dwelling.
Owner.....D. J. McCaffery, 8725 E St., Oakland.
Architect....None.
Day's work. COST, \$550

DWELLING
(2118) W FORTY-FIRST AVE., 80 S Foothill Blvd., Oakland. One-story, five-room dwelling.
Owner.....F. J. Mac Williamson, 1969 42nd Ave., Oakland.
Architect....None.
Contractor...H. F. Sydes, 4079 Boulevard, Oakland.
COST, \$850

ALTERATIONS
(2119) 5642 AYALA, Oakland. Alterations.
Owner.....P. Leccrino, premises.
Architect....None.
Contractor...G. Brunetti, 443 43rd St., Oakland.
COST, \$400

DWELLING AND STORE
(2120) SW TWENTY-THIRD AVE. and Dennison, Oakland. Two-story, 7-room dwelling and store.
Owner.....J. T. Crosby, 413 23rd Ave., Oakland.
Architect....None.
Contractor...Geo. D. Cunningham, 413 23rd Ave., Oakland.
COST, \$3500

FLATS
(2121) N SIXTY-FIRST ST, 10 E Occidental St., Oakland. Two-story, nine-room flats.
Owner.....Olga Meese Dunham, 6110 Occidental, Oakland.
Architect....None.
Contractor...C. Texdahl, 3035 Harper, Berkeley.
COST, \$3178

DWELLING
(2122) E WALKER AVE., 150 N Wel-den, Oakland. Two-story seven-room dwelling.
Owner.....M. Hawkins, Grove Sa.
Architect....None.
Contractor...B. A. Stewart, 616, 41st, Oakland.
COST, \$4000

DWELLING
(2125) W FALLON, 200 S E 8th St., Oakland. One-story, five-room dwlg.
Owner.....Chas. Gansberg, 718 Fallon, Oakland.
Architect....None.
Contractor...G. H. Von Werder, 3524 14th Ave., Oakland.
COST, \$1900

GARAGE
(2126) NO. 301 PERKINS, Oakland. Garage.
Owner.....Oakland Building Co., Security Bank Bldg., Okd.
Architect....None.
Day's work. COST, \$400

(2127) E JACKSON, 100 W 1st, Oakland. Alterations.
Owner.....Santa Fe R. R.
Architect....None.
Contractor...Geo. C. Nall, 930 41st, Oakland.
COST, \$400

DWELLING
(2128) N BROOKDALE, 110 E High, Oakland. One-story, six-room dwlg.
Owner.....W. P. Ellis, corner Boulevard and King, Oakland.
Architect....None.
Contractor...O. S. Smith, 4111 Walnut, Oakland.
COST, \$2200

DWELLING
(2129) E LAUREL, 60 S Kansas, Oakland. One and one-half story, seven-room dwelling.
Owner.....John Iverson, Fort Winfield Scott.
Architect....None.
Contractor...E. M. Williamson, 2030 Hopkins, Oakland.
COST, \$1800

ELEVATORS
(2130) NE FOURTEENTH & CLAY, N 205-6 E 128. All work for two electric passenger elevators for four-story class C department store.
Owner.....H. C. Capwell Co. by P. J. Walker Co., agent, Monadnock Bldg., S. F.
Architect....C. W. Dicky, Central Bk. Bldg., Oakland.
Contractor...Otis Elevator Co., Beach and Stockton, S. F.
Filed Aug. 26, '14. Dated Aug. 18, '14.
Machinery, motors and guides installed 50%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, \$7580
Bond, \$3790. Sureties, National Surety Co. Forfeit, \$50. Limit, October 2, 1914. Plans and specifications filed.

REPAIRS
(2134) NO. 524 FORTY-FIFTH ST., Oakland. Repairs.
Owner.....M. E. Roberts, premises.
Architect....None.
Contractor...M. Allen, 829 52nd St., Oakland.
COST, \$1450

ADDITION
(2135) NO. 457 THIRTY-EIGHTH ST., Oakland. Addition.
Owner.....Lee Mason, premises.
Architect....None.
Day's work. COST, \$500

DWELLING
(2136) W EIGHTY-FIFTH AV, 240 N Plymouth, Oakland. One-story, four-room dwelling.
Owner.....Jas. Hazlett, 9818 B St., Oakland.
Architect....None.
Contractor...Hurlbert & Holland, 9818 B St., Oakland.
COST, \$1280

ALTERATIONS
(2137) SW NINTH & WASHINGTON, Oakland. Alterations.
Owner.....Lesser Bros., premises.
Architect....None.
Contractor...T. G. Walker Co., 566 4th, Oakland.
COST, \$500

ALTERATIONS
(2138) NO 1328 WASHINGTON, Oakland. Alterations.

Owner.....Nat Crossley, premises.
Architect....None.
Contractor...Schnebly, Hostawaser & Pedgriff, 6th and Jackson, Oakland.
COST, \$300

DWELLING
(2139) W EIGHTH AV, 150 N 22nd St., Oakland. One-story, five-room dwlg.
Owner.....Chas Peterson, 1200 E-24th St., Oakland.
Architect....None.
Day's work. COST, \$1800

DWELLING
(2140) S DELAWARE, 200 E Peralta, Oakland. One and one-half story, nine-room dwelling.
Owner.....J. M. Fuller, 1444 79th Ave., Oakland.
Architect....None.
Contractor...A. B. Chase, 1521 79th Ave., Oakland.
COST, \$3000

DWELLING
(2141) N BROOKDALE AVE, 140 E High, Oakland. One-story, six-room dwelling.
Owner.....W. P. Ellis, Boulevard and King, Oakland.
Architect....None.
Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.
COST, \$2200

ALTERATIONS
(2142) 1899 JACKSON, Oakland. Alterations and addition.
Owner.....Geo. D. Greenwood, Prem.
Architect....E. A. Mathews, Phelan Bldg., S. F.
Contractor...E. T. Leliter & Sons, Sheldon Bldg., S. F.
COST, \$1800

STORE
(2145) W TELEGRAPH, 80 N 47th, Oakland. One-story store.
Owner.....Geo. Debenedetti, Oakland.
Architect....James W. Plache, Acheson Bldg., Berkeley.
Contractor...M. E. Valente, 5882 Val-lejo, Oakland.
COST, \$1875

DWELLING
(2146) E ELSTON, 207 S 38th St., Oakland. One-story, 5-room dwelling.
Owner.....V. M. Strang, 1521 9th St., Alameda.
Architect....None.
Day's work. COST, \$1800

ADDITION
(2147) N E-FOURTEENTH ST., 50 E 2nd avenue, Oakland. Addition.
Owner.....E. R. Lawson, 1510 51h avenue, Oakland.
Architect....None.
Contractor...Gus A. Anderson, 2362 High St., Oakland.
COST, \$2000

ADDITION
(2148) 2405 PERSIMMON, Oakland. Addition.
Owner.....M. B. Haskill, premises.
Architect....None.
Contractor...R. H. Roteford, 2411 Persimmon, Oakland.
COST, \$400

DWELLING
(2149) W LAKE SHORE AV., 63 S Cottage, Oakland. Two-story, six-room dwelling.

Owner.....Chas. E. Gulgley, 771 Rand Ave., Oakland.
 Architect.....None.
 Day's work..... COST, \$4000

DWELLING

(2150) E CHAMPION, 100 N Montana, Oakland. One-story, 4-room dwlg.
 Owner.....Louis Leithman, 2471 Montana, Oakland.
 Architect.....None.
 Contractor.....J. A. Leithman, 2471 Montana, Oakland.
 COST, \$1200

ALTERATIONS

(2151) 5250 CLAREMONT, Oakland. Alterations.
 Owner.....C. A. Scoville, 5246 Claremont, Oakland.
 Architect.....None.
 Day's work..... COST, \$400

DWELLING

(2152) N HOPKINS, 75 E 38th Ave., Oakland. One-story, 4-room dwlg.
 Owner.....J. L. Dailey, 1250 40th Ave., Oakland.
 Architect.....None.
 Day's work..... COST, \$400

TANK FRAME

(2153) 1238 NINETY-SEVENTH AVE., Oakland. Tank frame.
 Owner.....J. S. Frates, premises.
 Architect.....None.
 Contractor.....L. W. Murdoch, 1310 Webster, Oakland.
 COST, \$400

FRAME RESIDENCE

(2155) SE UNNUMBERED LOT ADJOINING S boundary lot 1, Map Alcatraz Tract, said lot being Central Harmon Court, N 31xW 150, Oakland. One-story six-room dwelling.
 Owner.....Margaret C. Goebels, Oakland.
 Architect.....None.
 Contractor.....Sullivan Bros, 6452 Harmon Court, Oakland.
 Filed Aug. 28, '14. Dated Aug. 27, '14.
 Frame up ¼
 Brown coated ¼
 Completed and accepted ¼
 Usual 35 days ¼
 TOTAL COST, \$1660
 Bond, Sureties, Forfeit, none. Limit, 75 days after September 1. Plans and specifications filed.

ELEVATOR

(2156) N FOURTEENTH, 100 W Clay, N 103.70xW 50, Oakland. Elevator equipment for three-story and basement Class A store and loft Bldg.
 Owner.....Nellie E. Blood, Jessie L. Appleton and Alliance Land Co., acting through Agt P. J. Walker Co., Agt, Monadnock Bldg., S. F.
 Architect.....C. W. Dickey, Central Bk. Bldg., Oakland.
 Contractor.....Otis Elevator Co., Beach and Stockton, S. F.
 Filed Aug. 27, '14. Dated Aug. 21, '14.
 Elevator machinery, motor and guides in permanent position 50%
 Completed and accepted 25%
 36 days after 25%
 TOTAL COST, \$3705
 Bond, \$1853. Surety, National Surety Co. Forfeit, \$50. Limit, Nov. 15. Plans and specifications filed.

(2157) PLASTERING on above.
 Contractor.....George Dixon, 541 Appgar, Oakland.

Filed Aug. 27, '14. Dated Aug. 26, '14.
 1st and 15th each month..... 75%
 36 days after 25%
 TOTAL COST, \$1600

Bond, \$800. Surety, Southwestern Surety Insurance Co. Forfeit, \$50. Limit, Nov. 1. Plans and specifications filed.

(2158) ORNAMENTAL IRON on above
 Contractor.....Monarch Iron Works, 1161 Howard, S. F.

Filed Aug. 27, '14. Dated Aug. 26, '14.
 1st and 15th each month..... 75%
 36 days after 25%
 TOTAL COST, \$2500

Bond, \$1250. Surety, Pacific Coast Casualty Co. Forfeit, \$50. Limit, Nov. 1. Plans and specifications filed.

(2159) PLUMBING WORK on above.
 Contractor.....Carl T. Doell, 467 21st Oakland.

Filed Aug. 27, '14. Dated Aug. 26, '14.
 1st and 15th each month..... 75%
 36 days after 25%
 TOTAL COST, \$1363

Bond, \$684. Surety, Fidelity and Deposit Co. Forfeit, \$50. Limit, Nov. 15. Plans and specifications filed.

(2160) ELECTRIC WORK on above.
 Contractor.....J. Gensler (Elec. Const. Co.) 312 12th, Oakland.

Filed Aug. 27, '14. Dated Aug. 26, '14.
 1st and 15th each month..... 75%
 36 days after 25%
 TOTAL COST, \$1218

Bond, \$609. Surety, Aetna Accident and Liability Co. Forfeit, \$50. Limit, Dec. 1. Plans and specifications filed.

DWELLING

(2162) N AGNA VISTA, 400 E-38th Ave., Oakland. One-story. 5-room dwelling.

Owner.....E. M. Marquis, 2827 Russell, Berkeley.
 Architect.....None.
 Day's work..... COST, 1500

ALTERATIONS

(2163) 3461 ELEVENTH, Oakland. Alterations.

Owner.....Pabst Cafe Co., premises.
 Architect.....None.
 Contractor.....Corbett & Bayless, 1110 Franklin, Oakland.
 COST, \$400

ALTERATIONS

(2164) S SIXTH, between Broadway and Washington, Oakland. Alter brick market.

Owner.....Greater Oakland Free Market, Commercial Bldg., Oakland.

Architect.....None.
 Contractor.....H. C. Knight, 383 Market, Oakland.
 COST, \$7500

DWELLING

(2165) W WALLACE, 580 N E-24th, Oakland. One-story, 4-room dwlg.

Owner.....E. A. Schmidt, 1484 Harrison, Oakland.

Architect.....None.
 Day's work..... COST, \$1200

ALTERATIONS

(2166) 3809 BRIGHTON, AVE., Oakland. Alterations.

Owner.....G. Downing, premises.
 Architect.....None.
 Contractor.....Whalin Bros.

COST, \$600

ADDITION

(2167) 2774 BROOKDALE AVE., Oakland. Additions.

Owner.....Mrs. Mugler, Oakland.
 Architect.....None.
 Contractor.....C. C. Foss, 1242 1st Ave. Oakland.
 COST, \$550

Berkeley.

No.	Owner	Contractor	Amount
1223	Martin	Kollmer	4850
1224	Peterson	Kollmer	400
2131	Horgan	Mailanen	2425
2132	Golden Sheaf	Owner	1000
2133	Morrison	Goranson	2500
2143	Edwards	Ilmanen	1400
2144	Owens	Ilmanen	1500
2154	Kielyer	Dunk	3600
2161	Dieser	Offe	1000
2168	1st Bapt Ch	Halston	2980

DWELLING

(2123) E PIEDMONT AVE., 80 S Parker, Berkeley. Two-story eight-room dwelling.

Owner.....H. Scott Martin, 2183 Shattuck Ave., Berkeley.
 Architect.....None.
 Contractor.....Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
 COST, \$485

GARAGE

(2124) E LOS ANGELES AVE., 150 S Spruce, Berkeley. Garage.

Owner.....M. Peterson.
 Architect.....None.
 Contractor.....Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
 COST, \$100

DWELLING

(2131) N EUNICE, 45 E Arch, Berkeley. One and one-half story dwlg.

Owner.....D. J. Horgan, 255 California, S. F.
 Architect.....None.
 Contractor.....Otto Mailanen, 2429 9th Berkeley.
 COST, \$242

ALTERATIONS

(2132) N ADDISON, 135 W Shattuck Berkeley. Alterations.

Owner.....Golden Sheaf Bakery Co., premises.
 Architect.....None.
 Day's work..... COST, \$100

DWELLING

(2133) N NAPA, 140 E The Alameda Berkeley. One-story, six-room dwlg.

Owner.....W. S. Morrison, 50 Colma San Francisco.
 Architect.....None.
 Contractor.....H. Goranson, 431 48th St. Oakland.
 COST, \$250

DWELLING

(2143) E ACTON, 230 S Alston Way Berkeley. One-story, 5-room dwlg.

Owner.....E. J. Edwards, 873 18th St., Oakland.
 Architect.....None.
 Contractor.....A. Ilmanen, 2321 10th St. Berkeley.
 COST, \$140

DWELLING

(2144) E ACTON, 156 S Alston Way Berkeley. One and one-half story six-room dwelling.

Owner.....J. D. Owens, 873 18th St., Oakland.
 Architect....None.
 Contractor....A. Hmanen, 2321 10th St., Berkeley.

COST, \$1500

2551) LOT 3, Map subdivision lot 13, block 5, and lot 14, block 6 of portion La Loma Park and Wheeler Tract, Berkeley. Two-story, seven-room frame dwelling.

Owner.....Elizabeth S. Kelsey, 2542 Buena Vista Ave., Eky.

Architect....None.

Contractor....Junk-Riddell Investment Co., 2347 Telegraph Ave., Oakland.

Filed Aug. 28, '14. Dated Aug. 26, '14.
 Frame up..... 1/4
 Brown coated..... 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4

TOTAL COST, \$3600

Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

WELLING

2161) E SIXTH, 175 N Channing Way, Berkeley. One-story, 4-room dwelling.

Owner.....Mrs. L. Diener, 913 Addison, Berkeley.

Architect....None.

Contractor....E. Ofte, 1025 Bristol, Berkeley.

COST, \$1000

2168) BERKELEY. Steel work for church.

Owner.....First Baptist Church of Berkeley.

Architect....Eugene K. Martin, 2192 Shattuck, Berkeley.

Contractor....Ralston Iron Works, 20th and Indiana, S. F.

Filed Aug. 29, '14. Dated Aug. 24, '14.
 Material delivered..... 50%
 Material in place..... 25%
 Usual 35 days..... 25%

TOTAL COST, \$2980

Bond, Sureties, Forfeit, none. Limit, 45 days after August 24. Specifications only filed.

Note: SW Dana and Haste is location for this job.

SAN MATEO COUNTY.

BUNGALOW

LOT 30, Baldwin & Howell's Re-Sub. of lots 167 and 168, San Mateo Park, San Mateo. All work except tinning, plumbing, painting, glazing, electrical fixtures and finish hardware for five-room bungalow.

Owner.....Albert Feldman and Ada Feldman, San Mateo.

Designer....De Luxe Building Co, Los Angeles, Cal.

Contractor....John H. Gibson, San Mateo.

Filed Aug. 26, '14. Dated Aug. 22, '14.
 Frame up.....\$362.50
 Plastered one coat..... 362.50
 Completed and accepted..... 362.50
 Usual 35 days..... 362.50

TOTAL COST, \$1450

Bond, \$362.50. Sureties, Dennis Rioridan and M. J. Conway, Forfeit, \$1. Limit, 60 working days. Plans and specifications filed.

RESIDENCE

LOT 5, AND HALF OF LOT 4, BLK 63, 7th St. Addition, Easton. Excavation, grading, brickwork, concrete,

tile, lumber, carpenter's work, mill work, glass, plumbing, electric work, plasterer's work, painting for two-story residence, garage and laundry.

Owner.....L. G. Dodge, San Francisco

Architect....Wright & Rushforth, 571 California, S. F.

Contractor....William Livingston & Co., 2913 Ellis, Berkeley.

Filed Aug. 27, '14. Dated Aug. 24, '14.
 Frame up.....\$700.00
 Ready for lathing..... 1000.00
 Plasterer's work finished..... 600.00
 Completed and accepted..... 1082.50
 Usual 35 days..... 1127.50

TOTAL COST, \$4510

Bond, \$2255. Surety, Southwestern Surety Insurance Co. Forfeit, none. Limit, 80 days after August 24, 1914. Plans and specifications filed.

BRICK THEATRE

NORTHERLY PORTION OF LOTS 1 and 2, block 124, South San Francisco. All work of excavating, cleaning lot, concrete work, etc., for one-story brick theatre building.

Owner.....Roy Morton and E. J. Eschelbach, South San Francisco.

Architect....A. B. Cavanaugh, South San Francisco.

Contractor....A. B. Cavanaugh, South San Francisco.

Dated Aug. 14, '14.

One-fifth when rough floor is laid.....\$1160
 One-fifth when first coat of plaster is on walls..... 1160
 Usual 35 days..... 3480

TOTAL COST, \$5800

Bond, \$5800. Sureties, H. G. Plymire and T. L. Hickey. Forfeit, none. Limit, 80 working days. Plans and specifications filed.

BUNGALOW AND GARAGE

COR. YALE AND HARVARD RD., LOT 10, block 11, Stanford Park, Palo Alto, Cal. All work necessary except finish hardware for bungalow and garage.

Owner.....W. C. Lyon.

Architect....Rossi.

Contractor....Clark & Clark.

Filed Aug. 19, '14. Dated Aug. 12, '14.

Frame up.....
 Brown coated.....
 Completed.....
 Usual 35 days.....

TOTAL COST, \$2048

Bond, Sureties, Forfeit, none. Limit, 40 working days. Plans and specifications filed.

MARIN COUNTY.

RESIDENCE

STEVENS TRACT, SAN RAFAEL. Electric, plumbing, carpenter work, etc., for one-story and basement frame residence.

Owner.....Chester Musante of Marin County.

Architect....Roy H. Button.

Contractor....L. L. Jessup and B. Kessler.

Filed Aug. 26, '14. Dated Aug. 25, '14.
 Frame up.....\$566.25
 Brown coated..... 566.25
 Completed..... 566.25
 Usual 35 days..... 566.25

TOTAL COST, \$2265

Bond, Sureties, Forfeit, none. Limit, 50 working days. Specifications only filed.

ALTERATIONS

SITUATE IN MILL VALLEY. All work, including painting and carpenter work, etc., on alteration of building.

Owner.....Ralston White, Mill Valley.

Architect....Wills Polk & Co., Merchants' Exchange, S. F.

Contractor....Brockhage, Foley & Green, 1326 Natoma, S. F.

Filed Aug. 27, '14. Dated Aug. 22, '14.

On first and 15th of each month 75%
 TOTAL COST, \$5080

Bond, \$2540. Sureties, D. O. Luffell and Fred H. Beaver. Forfeit, none. Limit, none. Plans and specifications filed.

DREDGING

EXTENDING FROM PT. POTRERO northward to Ellis Creek in City of Richmond. Material and labor and things necessary therefore be furnished for dredging of a channel within the harbor lines of the City of Richmond.

Owner.....City of Richmond, Richmond.

Engineer....P. A. Havlland, 310 Sansome, S. F.

Contractor....Just Anderson.

Filed Aug. 21, '14. Dated Aug. 14, '14.

None given.

COST, \$4975

Bond, \$2500. Surety, Chicago Bonding and Surety Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

SCHOOL

BLK 67, City of Pittsburg. Excavating, concrete, brick, carpenter, structural steel and iron work, plumbing, plastering, electrical work, painting, roofing, etc., for a grammar school building.

Owner.....Pittsburg Grammar School District, Pittsburg.

Architect....A. W. Cornelius, Merchants' Nat'l Bk. Bldg., San Francisco.

Contractor....J. O. Kuy-Kendall, Sharon Bldg., S. F.

Filed Aug. 24, '14. Dated Aug. 22, '14.

Foundation ready to start

brick work.....\$7493.25

Brick work one story high and ready for 2nd floor joists..... 7493.25

Brick work built to bottom line of ceiling joists..... 7493.25

Roof and all brick fire walls completed and brown coat of mortar on..... 7493.25

Completed and accepted..... 7493.25

Usual 35 days.....12,488.75

TOTAL COST, \$49,955

Bond, \$24,977.75. Surety, Illinois Surety Co. Forfeit, none. Limit, 150 working days. Plans and specifications filed.

SACRAMENTO COUNTY.

FRAME RESIDENCE

LOT 101, CURTIS OAKS TRACT, Second Avenue, Sacramento. One and one-half story frame residence.

Owner.....Eva W. Hines.

Architect....None.

Contractor....W. B. Phillips.

Filed Aug. 22, '14. Dated Aug. 21, '14.

COST, \$2485

ALTER BARBER SHOP

MAGNOLIA AND SACRAMENTO AVENUES, lot 5, block 30, South Sacramento. All work for one-story ad-

dition (barber shop.)
Owner.....C. R. Harby, Davisville.
Architect....None.
Contractor...J. C. Dillard, Hotel
Wright, Oak Grove.
COST, \$1000

DWELLING
NO. 1812 D, E ½ LOT 2, D-E, 18-19,
Sacramento. Finish dwelling.
Owner.....Mrs. H. P. Stuart, 1812 D,
Sacramento.
Architect....None.
Contractor...G. B. Stahl, Colonial
Heights, Sacramento.
COST, \$600

DWELLING
NO. 2921 "X" on E ½ LOT 6, W-X, 29-
30th Streets, Sacramento. Build and
remodel dwelling.
Owner.....Walter Permer, 2927 X,
Sacramento.
Architect....None.
Contractor...M. G. Burnside, 205 Vine,
Sacramento.
COST, \$900

ALTER RESIDENCE
NO. 2214 NINTH, S one-half lot 4, V-W,
8-9, Sacramento. Raise, finish and
remodel five-room dwelling.
Owner.....Ella G. Ryan, 2214 9th,
Sacramento.
Architect....None.
Contractor...John Kanert, 1012 V, Sac-
ramento.
COST, \$500

FRAME RESIDENCE
FOURTH AVE, near 24th, lot 177, Cur-
tis Oaks Addition, West Sacramento.
One-story frame dwelling.
Owner.....W. D. McKoy, 3029 E, Sac-
ramento.
Architect....None.
Day's work. COST, \$2700

SAN JOAQUIN COUNTY.

NW SUTTER & MAIN, Stockton.
Rough and finished concrete work
for a ten-story and basement class
"A" bank and office building.
Owner.....Commercial and Savings
Bank of Stockton, 320 E
Main, Stockton.
Architect....L. B. Dutton (with Stone
& Wright) Chronicle Bldg.,
San Francisco.
Contractor...A. P. Brady, San Francisco
Filed Aug. 19, '14. Dated Aug. 17, '14.
Semi-monthly of 75%
TOTAL COST, \$15,250
Bond, \$7625. Surety, The Aetna Ac-
cident and Liability Co. Forfeit, \$50.
Limit, till October 3, 1914. Plans and
specifications filed.

GERMANY'S FIGHTING MACHINE.

Kaiser Wilhelm's apparent faith in
the strength of Germany's battle arm
in the contest with three mighty na-
tions is perhaps in no small degree
founded upon the wonderful German
military system, the like of which the
world has never seen before. The Ger-
man military system is little under-
stood in this country, where militarism
is regarded as a dying relic of bar-
barous ages.

On January 1 of the year of his
twentieth birthday every male German
citizen must report to the military
head of his district. If not excused
because of some physical defect he
serves two years in the infantry or
three years in the cavalry or artillery.

For his services he receives a small
compensation, hardly more than pocket
money. Then he is transferred to the
first reserve, which requires that he

The appeal is made to vote today for
partisan politics. The Chronicle is
especially vehement in demanding that
all people registered as Republican
vote for the Republican candidates
who are dyed in the wool party fol-
lowers. In other words it is an appeal to
vote only for those who will take pro-
gram and who have no political prin-
ciples outside those that the party
bosses require them to have.

Just so long as people vote from bat-
tered prejudice and fail to exercise any
independence, just so long they are
traitors to the principles of govern-
ment that our forefathers established.
Whenever a voter trots in the harness
of the Grand Old Party simply be-
cause Lincoln founded the party that
bears the name, and he never inquires
who is running that party so long as
it bears the fetch of the party, just so
far he proves himself to be unfit for
citizenship.

It is said that there are citizens
down in the Ozarks who are still vot-
ing for Andrew Jackson. If there are
they probably display more intelli-
gence under the circumstances than
the class to which the Chronicle ap-
peals. For Andrew Jackson stood for
the common people, as he saw the
light, and De Young stands only for
the class that seeks to regain control
of the party organization for private
ends.

If the voters desire to exercise any
intelligence in their ballot, if the Di-
rect Primary means anything to them,
if they desire all men to have an equal
show under the law, if they do not de-
sire to return to the old Southern Pa-
cific machine to power, in a word if
they are not corruptionists desiring
the old order of things when corpora-
tions ruled they will vote exactly the
opposite to the dictates of the De
Young and Otis organs in the matter
of any kind of national or state pol-
itics.
serve a month or two each year for a
period of five years. The next five
years are served in the "Landwehr,"
and he is required to drill at the order
of the military authorities.

Organization details of the entire
German fighting force have been
worked out to such a detail that 6
million soldiers can be summoned and
fully equipped in an incredibly short
time. Not only does such an army
take the field as a thoroughly trained
fighting machine, but there are mun-
itions and supplies in the country's ar-
senals so that it is equipped in every
detail.—Wall Street Journal.

"Germans are in Limburg," a dis-
patch announces. Usually it is the
other way about.

According to newspaper reports an-
other most gruesome murder has been
unearthed in the disappearance of the
Nelms sisters at San Antonio, Texas.
If these facts are proven as Marshall
Nelms, the brother of the sisters as-
serts, it will be another case for Fre-
mont Older, of the Bulletin, to show
how society has wronged the poor, un-
fortunate criminal and forced him to
go to such elaborate preparations to
commit a diabolical crime.

Hanging six stories of a modern
steel building from steel girders that
are 250 feet in the air and are sup-
ported on the steel work of adjacent build-
ings is a novel feature in building con-
struction recently carried out in New
York City. On the site of this work
it was planned to erect a 19-story
building occupying the whole block
incorporating in the structure a mod-
ern 12-story building located near the
middle of the block. The foundation
of the existing building had been
signed for 12 stories and were strong
enough to carry the additional
seven stories. The steel frame of the
new building was run up to its full
height of 250 feet on each side of the
old. Supported on this frame are elg
steel girders, and from these is hung
the steel work for six of the addi-
tional seven stories.—Popular Me-
chanics.

From the first class of the "Land-
wehr" the German soldier graduates
into the second class, where he re-
mains until he is 39. At that age
he becomes a part of the "Landsturm,"
he called out only in the event of
great national need. At the age of 40
his military service ends.

The German standing army consists
of about 600,000 men, and the first re-
serve about 1½ million. The "Land-
wehr" totals 2,200,000 and the "Land-
sturm" brings the grand total to more
than 6 million.

WOMEN IN BUSINESS.

The extent to which women are leav-
ing home to enter the business world
is shown by the following figures for
the United States. There are:

239,077 stenographers.
327,635 teachers and professors.
481,159 in various trades.
770,655 engaged in agricultural pur-
suits.
7,300 physicians and surgeons.
7,395 clergy.
2,195 journalists.
1,037 architects, designers, and
draughtsmen.
1,010 lawyers.
429,497 women in various professions.

THE POWER OF SELF.

One ship drives east, another drives
west.

While the selfsame breezes blow;
'Tis the set of the sails and not the
gales.

That bids them where to go.
Like the winds of the sea are the wa-
of Fate.

As we voyage along through life.
'Tis the set of the soul that decides life.
—Ella Wheeler Wilcox.

THIS WHOLESALE THIEF SHOULD BE PROSECUTED.

The State Railroad Commission
rightly has recommended the prosecu-
tion of those responsible for the ex-
traction of millions of dollars from the
treasury of United Railroads of San
Francisco without the return of a cen-
t.

The present management of the rail-
roads has promised its assistance in
gathering and presenting evidence.

COMPLETION NOTICES

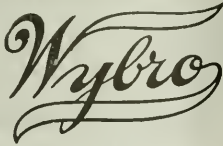
SAN FRANCISCO COUNTY.

RECORDED AMOUNT

15, 1914—W FIFTH AVE 75 S
Alboa S 25xW 95. Richard French
Taylor & Co. Aug. 14, 1914
15, 1914—W DIAMOND 160 N
rd N 25xW 115.9. Tina Hinkel
Hinkel Bros. July 25, 1914
15, 1914—N POST 137-6 W
Franklin W 85xN 137-6. P. L. Ban-
ton to A. Helbing. Aug. 11, 1914
15, 1914—SE MOSCOW 200 NE
rsia Ave NE 25xSE 100 Ptn Lot
Blk 82, Excel Hd. John T. Grace
whom it may concern. Aug. 15, '14
15, 1914—NE PARKER AVE &
ulton E 175xN 275. The Presi-
dential and Board of Trustees of St.
natus College to John J. Hughes
and Massachusetts Bonding & In-
urance Co. Aug. 13, 1914
15, 1914—N BROADWAY adj. to
of the present residence, 30 feet
ont. Herbert C. Moffitt to Farrell
Reed. Aug. 6, 1914
15, 1914—LOT 8 BLK 3 St.
Francis Wood, Ida F. Shipman to
Marcus Marcussen. Aug. 15, 1914
15, 1914—W DIAMOND 185 N
rd N 25xW 115.9. Tina Hinkel
Hinkel Bros. July 25, 1914
17, 1914—N CALIFORNIA, 82-6
th avenue, N 110-6 1/2 W 25 S
E 25-2-3-16. I. V. De Ryana to
J. Sterner. Aug. 7, 1914
17, 1914—S W JACKSON AND
aylor, S 68-9x87-6. Metropolis In-
strument Company to whom it may
concern. Aug. 17, 1914
17, 1914—N GREENWICH, 55 E
llmore, E 25x60. Pietro Albergi
Devincenzi Bros. & Co. Aug. 14, 1914
17, 1914—S CALIFORNIA, 32-6
23rd Ave W 75 S 100 E 25 N 25
50 N 75. John Gray to Leigh &
hultz. Aug. 14, 1914
17, 1914—N CARMEL, 126-6 W
le, 33-6x114-11-16 ft. W. B.
okson to L. Arthur & Son. Aug. 14, 1914
17, 1914—N BUSH, 90 W Stock-
ton, W 50xN 68-3. Clyde S. Payne
whom it may concern. Aug. 17, 1914
17, 1914—SW BROADWAY &
rant Ave., S 137-6 W 137-6 N 37-6
20 N 100 E 117-6. Mary Marsino
to Mulcahey Bros. Dec. 12, 1914
17, 1914—W SIXTH AVE., 50 N
ugo, N 25xW 95. George S. Crim-
L. C. Woolridge. Aug. 14, 1914
17, 1914—S CALIFORNIA, 114-6
Larkin, W 23xS 80-6. Joseph
rlish to E. J. Montgomery. Aug. 15, 1914
18, 1914—NE CALIFORNIA &
avis. A. B. Spreckels to Forde per
rvice Works. Aug. 1, 1914
18, 1914—SE TEHAMA, 100 SW
h SW 25xSE 80. John J. and
ose Coffey to whom it may con-
cern. Aug. 1, 1914
18, 1914—SW NEWMAN and
ennington. Michael Fogarty to
whom it may concern. Aug. 1, 1914
18, 1914—E TWELFTH AVE.,
N Irving, N 75xSE 45. Eugene J.

and Mathilda Keller to Charles
Coburn. Aug. 18, 1914
Aug. 18, 1914—N MOHAWK AVE.,
145 W Mission W 25x100. Niels
Jacobsen to whom it may concern
..... Aug. 15, 1914
Aug. 15, 1914—N MOHAWK AVE.,
120 W Mission W 25x100. Niels
Jacobsen to whom it may concern
..... Aug. 15, 1914
Aug. 18, 1914—NW GUERRERO &
Cumberland, 39 on Guerrero and
70 on Cumberland. Jacob and Fred
Broun to Ratto & Ratto. Aug. 15, 1914
Aug. 19, 1914—W CODMAN PL. 77-6
S Washington, S 20x60. Andrew P.
Buhman to whom it may concern.
..... Aug. 18, 1914
Aug. 19, 1914—N PILBERT, 108-2 W
Broderick, — 25-7 N 137-6 E 25-7
S 137-6. Mrs. T. Kleinclauss to N.
P. Anderson. Aug. 18, 1914
Aug. 19, 1914—NE SIXTEENTH and
Mission, N 260xE 240. Henry Inv.
Co. to MacGruer & Co. Aug. 14, 1914
Aug. 19, 1914—SE MARKET, 45 SW
2nd, SW 30 SE 91-6 SW 20 SE 43-6
NE 95 NW 43-6 SW 45 NW 91-6
Chas. Schlesinger to Ralston Iron
Works. Aug. 19, 1914
Aug. 19, 1914—W FILLMORE 137-6
N Hayes N 30xW 137-6. James
West to S. Persson and G. Petter-
son. Aug. 18, 1914
Aug. 19, 1914—W BRYANT 100 N
23rd N 30xW 100. Susan C. Muga-
n to Segurson Bros. Aug. 17, 1914
Aug. 20, 1914—LOT 34 ASHBURY
Terrace, Map of Lyon & Hoag
sub Ashbury Terrace. P. H. Mc-
Carthy to Robert Glaze. Aug. 18, 1914
Aug. 20, 1914—SE SUTTER and
Jones, S 100xE 72. S. L. M. Starr
and L. C. Larsen to Butte Engi-
neering and Electric Company.
11, 1914. Cramer Bros. Aug. 11, 1914
Aug. 20, 1914—E VERMONT, 100 N
24th, N 25xE 100. Isalah M. and
Emma Leslie to J. McI. Jarvis.
..... Aug. 12, 1914
Aug. 20, 1914—N CLAY, 130 E Stei-
ner, E 31-3xN 127-8 1/2. Joseph Sock-
Aug. 20, 1914—W TWENTY-THIRD
glov to whom it may concern.
..... Aug. 19, 1914
Ave., 250 S Lake, W 120xS 25.
Delia J. Waage to J. Johnson.
Completed. Aug. 19, 1914
Aug. 20, 1914—SW ELLIS and Frank-
lin. The Roman Catholic Arch-
bishop of San Francisco to Fred-
erick W. Snook Co. Aug. 12, 1914
Aug. 20, 1914—N MISSION between
3rd and 4th. The Roman Catholic
Archbishop of San Francisco to
California Construction Co.
..... Aug. 13, 1914
Aug. 20, 1914—N WEST CLAY, 95 W
25th Ave, 25 on West Clay by 100.
Julia L. McDavid Preston to Mar-
tin Nolan. Aug. 15, 1914
Aug. 20, 1914—SE SUTTER and
Jones, —100xE 72. S. L. M. Starr
and L. C. Larsen to Larsen & Lar-
sen. Aug. 11, 1914
Aug. 21, 1914—NW EDINBURGH, 275
NE France Ave.; NE 25xNW 100,
portion lot 6, block 39, Excel. Hd.

John C. Grant to whom it may con-
cern. Aug. 20, 1914
Aug. 21, 1914—E NINETEENTH
Ave, 25 S California, E 70xS 25,
No. 206 19th Ave. Emil Aug.
Schkade and Margaret F. Schkade
to whom it may concern.
..... Aug. 20, 1914
Aug. 18, 1914—NW GUERRERO &
Cumberland, 39 on Guerrero and
70 on Cumberland, Jacob and Fred
Braun to Ratto & Ratto.
..... Aug. 15, 1914
Aug. 8, 1914—S SECOND 55 — Fol-
som 50 W 95 S 50 E 95, Protestant
Episcopal Bishop of California to
Johnston, Branagh & Cuthbertson
..... Aug. 7, 1914
Aug. 22, 1914—N TRINITY, 68-9 N
Sutter, W 61-3 1/2xN 34-4 1/2. French
American Bank of Svgs by agent
P. J. Walker to Central Elec. Co.
..... Aug. 13, 1914
Aug. 22, 1914—LOT 4, BLK 5, Crock-
er Amazon Tct. Franziska Christen
to M. C. Warnock. Aug. 21, 1914
Aug. 22, 1914—SE GEARY and Tay-
lor, S 137-6xE 87-6. Clift Realty
Company by agent P. J. Walker
Company to Ralston Iron Works
Corp. Aug. 20, 1914
Aug. 22, 1914—NW SUTTER and
Trinity Pl., 40 on Sutter by 115 m
or l on Trinity. French American
Bank of Svgs by agent P. J. Walk-
er Co. to Otis Elev. Co. Aug. 17, 1914
Aug. 22, 1914—S ELLIS, 137-6 W
Hyde, No. 635 Ellis. Kincanon
Const. Co. to whom it may concern.
Completed. Aug. 7, 1914
Aug. 22, 1914—S CASTENADA AVE.,
being 30 feet of W part of lot 29
and 6-8 of east part of lot 28, For-
rest Hill. Arthur Elvin to whom
it may concern. Aug. 22, 1914
Aug. 24, 1914—SW POST & POWELL,
W 137-6 N 63-6 E 69-7 N 6-6 E
67-11 — 57. Crocker Hotel Co. to
C. C. Morehouse, Aug. 20, 1914;
Stepho Miletin, Aug. 20, 1914;
American Marble and Mosaic Co.
..... Aug. 14, 1914
Aug. 24, 1914—W TWELFTH AVE.,
225 S Anza. Alton R. Lapham to
whom it may concern. Aug. 20, 1914
Aug. 24, 1914—W TWELFTH AVE.,
250 S Anza. Alton R. Lapham to
whom it may concern. Aug. 19, 1914
Aug. 24, 1914—S McALLISTER, 137-6
W Broderick W 25xS 137-6. Rosa
Frey and Millie Lindauer to Gus-
tav Peterson. Aug. 22, 1914
Aug. 24, 1914—NE FULTON & Par-
ker Ave., E 175xN 275. The Presi-
dential and Board of Trustees of
Saint Ignatius College to J. J.
O'Connor and R. J. Collins, O'Con-
nor & Collins. Aug. 21, 1914
Aug. 24, 1914—S POST, 195 W Lar-
kin, W 25xS 120. J. B. Reite to
whom it may concern. Aug. 24, 1914
Aug. 24, 1914—S CLAY 150 E Drumm,
E 50 S 119-6 W 50 N 119-6. Marl-
time Hall Ass'n to E. F. Burke.
..... Aug. 15, 1914
Aug. 26, 1914—LOT 23, BLK D, Mis-
sion Street Land Co. Martha
Brown to Arthur Brown and
Oliver Brown. Aug. 26, 1914



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Aug. 26, 1914—SW FORTY-FOURTH avenue and Anza. Laura M. Lewis to whom it may concern.....
.....Aug. 1, 1914
Aug. 26, 1914—S SUTTER, 57-6 E Montgomery, S 124-9 S 62-7 W 25 S 82-11½ to Market, thence 92-5¼ N 92-6 W 50. Hohart Est. Co. Gladding, McLean & Co., Aug. 26, 1914
Aug. 26, 1914—SW POST & LEAVENWORTH. L. H. Sly to whom it may concern.....Aug. 26, 1914
Aug. 27, 1914—S CORTLAND AV., 25 E Ellsworth, S 80 E 45 N 91-6¼ W to beginning. Olof G. and Rose Carlson to Wm. Little.....Aug. 22, 1914
Aug. 27, 1914—E TWENTY-SIXTH Ave., 200 N "J" N 25xE 100. J. or John Morley to whom it may concern.....Aug. 25, 1914
Aug. 27, 1914—NE ELEVENTH A^{ve} and Geary, E 32-6XN 100. Bertha Witte to whom it may concern.....Aug. 24, 1914
Aug. 27, 1914—N OAK, 137-6 W Van Ness Ave., W 89-9 N 120 E 68-9 S 40 E 21 S 80. The Young Men's Institute Hall Ass'n to Thos. L. Wand and Martin M. Fennell.....Aug. 17, 1914
Aug. 27, 1914—NE WASHINGTON and Presidio Ave., E 90-11XN 50. Stella C. Lovegrove to H. W. Arnold.....Aug. 27, 1914
Aug. 27, 1914—NW TWENTY-fourth and Chattanooga, W 78XN 25. J. M. and M. E. Branscombe to whom it may concern.....Aug. 19, 1914
Aug. 27, 1914—NE FULTON and Parker Ave., E 175XN 275. The President and Board of Trustees of St. Ignatius College to Joseph Musto-Sons-Keenan Co.....Aug. 21, 1914
Aug. 27, 1914—N UNION, 112-6 W Montgomery, W 25XN 68-9. Lizzie Pagano, F. Pagano and V. Pagano to F. C. Amoroso.....Aug. 27, 1914
Aug. 28, 1914—S FILBERT, 87-6 E Fillmore, E 50XS 127-6. J. Sheldon Potter to Foster-Vogt Co.....Aug. 27, 1914
Aug. 28, 1914—SE POST & LEAVENWORTH, S 137-6XE 137-6. The Schmiedell Est. to Otis Elevator Co., Aug. 27; Marshall & Stearns Company.....July 22, 1914
Aug. 28, 1914—NE JACKSON and Cherry, No. 20 Cherry. W. D. McCann to Brunswick-Balke-Coller Co.....Aug. 21, 1914
Aug. 28, 1914—W DIAMOND, 55 N Elizabeth, N 28XW 76-8. Charles J. Grisez to Roberts & Woolfrey.....Aug. 27, 1914
Aug. 28, 1914—S NORIEGA, 33-6 W 8th Ave., W 25X8 100. Mrs. H. D.

O'Brien or Naomi O'Brien to A. E. Disston.....Aug. 24, 1914
Aug. 28, 1914—W IRVING, 70 N 8th Ave., N 25X75. M. Widrin to M. Lanizer and F. A. Piske Aug. 24, 1914

ALAMEDA COUNTY.

Aug. 14, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguiere Co to R Dalziel Jr.....Aug. 12, 1914
Aug. 17, 1914—W DOVER, 110 S 52nd S 211.82 W 230.19 NW 225.82 E 307.61, Oakland. The Baby Hospital Association to F. E. Allen.....Aug. 14, 1914
Aug. 17, 1914—N W 12th and Grove, 112x50, Oakland. The Bruguiere Co. to W & J Sloan.....Aug. —
Aug. 17, 1914—N W 12TH & GROVE, 112x50, Oakland. The Bruguiere Co. to C. L. Cummins; Wm. H. Bertsch; Thos. Day Co.; Maxwell Hardware Co.....Aug. 12, 1914
Aug. 17, 1914—E GRANT, 30 S Berkeley Way, 888.86 S 30.93 W 91 N 31, Berkeley. E. A. Janssen to whom it may concern.....June 15, 1914
Aug. 17, 1914—NW OAK & ALAMEDA Ave, 50x100, Alameda. Mrs. H. C. Bennett to I. W. Button.....Aug. 15, 1914
Aug. 17, 1914—125 FT IN REAR NO. 38 Monte Vista Ave., Oakland. Peter De Vincenzi to G. W. Brown & P. Shueson.....Aug. 17, 1914
Aug. 18, 1914—NW TWELFTH AND Grove, 112x50, Oakland. The Bruguiere Co. to Stobbe & Romak.....Aug. 12, 1914
Aug. 18, 1914—N 60 LOT 5, BLK 2-1850, Kearny Tract, Berkeley. Florence G. McKibben to Jacob House.....Aug. 17, 1914
Aug. 18, 1914—LOTS 7 AND 8, Blake Tract No. 3, Berkeley. Frank M. Wilson and John Muldoon to A. J. Webb.....Aug. 8, 1914
Aug. 18, 1914—LOT 14, BLK. M, Map Northrac Terrace, Berkeley. Berkeley Development Co to whom it may concern.....Aug. 15, 1914
Aug. 18, 1914—LOT 11, except 5 ft, Blk 1, Map Grove St. Line Tract, Berkeley. C. H. and D. W. Patterson to whom it may concern.....Aug. 17, 1914
Aug. 18, 1914—LOT 20, BLK 1, Cragmont, Berkeley. J. U. and Alpha A. De Roca to F. R. Peake Co.....Aug. 18, 1914
Aug. 19, 1914—E TELEGRAPH and W Broadway, N 108.83 NW 36.86 S 104 SE 8.70, Oakland. Federal Realty Co. to Arthur Arlett.....July 9, 1914
Aug. 19, 1914—N FAIRVIEW AVE., 240 E High, 40x120, Alameda. F.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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N. Strang to whom it may concern.....Aug. 12, 1914
Aug. 19, 1914—N FAIRVIEW AVE., 280 E High, 40x120, Alameda. F. N. Strang to whom it may concern.....Aug. 12, 1914
Aug. 20, 1914—NE ELEVENTH and Franklin, Oakland. Mrs. Barbara Streit to S. F. Elevator Co.....Aug. 18, 1914
Aug. 20, 1914—LOT 28, BLK 2, Berkeley Heights Tract, Berkeley. George L. Bell to G. R. Whidden.....Aug. 3, 1914
Aug. 20, 1914—LOT 13, BLK B, Map Golden Gate Homestead, Berkeley. Fred W. and Ida E. Knipschild to H. E. Sullivan.....Aug. 20, 1914
Aug. 21, 1914—LOT 2-A, BOYD Place, Berkeley. P. O. Boyd to Ernsberger & Dildine.....Aug. 21, 1914
Aug. 21, 1914—LOT 5 AND E 10 LOT 6, Blk 11, Map Thousand Oaks, Oakland Tp. Patrick-Nelson Bldg. Co. to whom it may concern.....Aug. 21, 1914
Aug. 18, 1914—S BIRCH ST., being W 16, lot 8 and E 17, lot 9, Map Hager Tract, Oakland. A. E. Wigmore to whom it may concern.....Aug. 17, 1914
Aug. 22, 1914—LOT 9, BLK "I", Map Bella Vista Park, Oakland. Albert Hammarberg to whom it may concern.....Aug. 11, 1914
Aug. 22, 1914—E FRANKLIN, 256 N 14th St., E 150 N 65. Thomas S. Williams to David Elms Graham.....Aug. 19, 1914
Aug. 22, 1914—LOT 10, Map Piedmont Hill, Piedmont. Nell Thom, Jr., to United Home Builders.....Aug. 17, 1914
Aug. 24, 1914—LOTS 26 and 27, Map Snyder Tract, Berkeley. A. B. Turner to whom it may concern.....Aug. 24, 1914
Aug. 24, 1914—NE TENTH & MADISON, Oakland. Loewe & Faust to whom it may concern.....Aug. 22, 1914
Aug. 15, 1914—NW TWELFTH AND Grove, 112x50, Okd. The Bruguiere Co to L D Frazee.....Aug. 8, 1914
Aug. 26, 1914—SW S P RAILROAD and Park street, Oakland. H. G. Prince Co. to Alex C. Wieben.....Aug. 24, 1914
Aug. 27, 1914—1614 SPRUCE ST., Berkeley. Thomas A. Cuthill to Frank Button.....Aug. 24, 1914
Aug. 27, 1914—LOTS 20 & 21, Geo. W. Austin's subdivision, block D, Vernon Park Tract, Oakland. Minnie and Howard W. Willford and C. A. Menker to whom it may concern.....Aug. 17, 1914

SAN MATEO COUNTY.

RECORDED ACCEPTED
Aug. 20, 1914—SOUTH SIDE OF

LIENS and RELEASES

SAN FRANCISCO COUNTY.

Aug. 12, 1914—N FOURTEENTH 149 W Center W 80.05 N 25 NE 78.15 E 60.57, Okd. Hogan Lumber Co vs Wallace Clark.....\$190.11

Aug. 13, 1914—N FOURTEENTH 90 W Center W 179 NE 104.2 E 116.57 S 100, Okd. W P Fuller & Co vs Wallace Clark.....\$197.61

Aug. 13, 1914—N DURANT AV 453.66 E Telegraph Ave E 50xN 130, Bkly. J J Sullivan vs Sarah S B Reed, E A Janssen and J W Gabar.....\$78.25

Aug. 12, 1914—W TWELFTH AVE 75 S Anza S 25xW 95; W 12th Ave 175 S Anza S 25xW 120. McGlinchey & Monaghan vs A R Lapham and R McLeallan.....\$183.55

Aug. 22, 1914—N WASHINGTON, 128-9 E Jones, E 48-9 N 62-6 E 20 N 75 W 68-9 S 137-6. Morris Stulsalt vs. Mae H. Boggs and E. Friedlander.....\$64.04

Aug. 22, 1914—W HYDE, 127-6 N Sutter, N 40 W 95 S 10 W 42-6 S 30, E 137-6 Durable Paint and Color Co. vs. G. Goldberg and I. Rosenberg.....\$225

Aug. 22, 1914—SW PRECITA AVE. and Florida, SW 25xSE 80, Christ Twedall vs. John and Bergetta Eliassen and Johnson & Olson.....\$75

Aug. 24, 1914—W EIGHTEENTH Ave, 125 N Clement, N 25xW 120. Andrew O. Wagner vs. E. J. Helms.....\$38

Aug. 24, 1914—W EIGHTEENTH Ave, 125 N Clement, N 25xW 120. Mission Plate and Window Glass Co. vs. E. H. Lapham and E. J. Helms.....\$70

Aug. 24, 1914—N MISSION, 343-4 1/2 W 7th, 31-7 1/2 xN 165. Eva Mordecai as Eureka Teaming Co. vs. Talbot Inv. Co. and Neal A. McLean.....\$325

Aug. 26, 1914—N JUDAH, 157-6 E 48th avenue, E 25xN 100; N Judah 182-6 E 48th avenue, E 25xN 100. Eureka Sash Door and Moulding Mills vs. Ida M. Cambridge and George V. McCausland.....\$254.22

Aug. 24, 1914—W EIGHTEENTH Ave, 125 N Clement, N 25xW 120. M. H. Gnecco vs. E. F. Helms and Edward N. Lapham.....\$65

Aug. 26, 1914—W EIGHTEENTH AV, 125 N Clement, N 25xW 120. Acme Lumber Co., \$192.57; Reinhart Lumber and Pl. Mill Co., \$261.86. vs. Edw. N. Lapham, Fern R. Lapham, E. F. Helms.....

Aug. 26, 1914—W EIGHTEENTH AV, 125 N Clement, N 25xW 130. Howard Jimes, \$128.85; A. Sundberg \$51.80 vs. E. F. Helms, E. N. Lapham.....

Aug. 26, 1914—N JUDAH ("J") 157-6 E 48th avenue, E 25xN 100. A. Consani, \$49.56; H. C. Mulvaney, \$78.50 vs. Ida M. Cambridge and Geo. V. McCausland.....\$49.56

Aug. 26, 1914—W EIGHTEENTH AV, 125 N Clement, — 25 W 130 S 25 E 130, Phil Wesendunk, \$166; Otto Norwall, \$88; vs. E. N. Lapham and E. F. Helms.....

Aug. 26, 1914—N JUDAH (J) 182-6

E 48th avenue, E 25xN 100. A Consani vs. Ida M. Cambridge and Geo. V. McCausland.....\$49.56

Aug. 26, 1914—N JUDAH, 132-6 E 48th avenue, E 75xN 100. Columbia Lumber Co. vs. Ida M. Cambridge and Geo. V. McCausland.....\$943.23

Aug. 28, 1914—W FORTIETH AVE., 175 S Lincoln Way, 25x100. A. Consani to Peter, Michel and Geo. V. McCausland.....\$80.50

Aug. 13, 1914—N MISSION 343-4 1/2 W Seventh W 31-7 1/2 xN 165. Pacific Mfg Co vs Talbot Invst Co and N A McLean.....\$473

Aug. 17, 1914—N MISSION, 343-4 1/2 W 7th, W 31-7 1/2 xN 165. Petersen-James Company vs. Talbot Imp. Co., Neil A. McLean.....\$648

Aug. 17, 1914—N MISSION, 343-4 1/2 W 7th W 31-7 1/2 xN 165. Woods & Huddart vs. Talbot Investment Co. and Neil A. McLean.....\$2,650

Aug. 18, 1914—N MISSION 343-4 1/2 W 7th, W 31-5 1/2 N 165 E 31-7 1/2 S 165. Bay Development Co. vs. Talbot Investment Co. and Niel A. McLean.....\$1177.65

Aug. 19, 1914—W EIGHTEENTH Ave., 125 N Clement, N 25xW 130 Elwood L. Walter vs. S. F. Helms and E. N. Lapham.....\$74.50

Aug. 19, 1914—S HAYES, 165 W Laguna, W 25xS 100. A. Lettich vs. P. J. Durham, J. J. and M. E. Silvey.....\$144.10

Aug. 21, 1914—NW LYON AND TONQUIN, W 400 N 250 E 450 S 250. C. W Withington vs. Panama-Pacific International Exposition Commission, State of New York; Norman E. Mack, Arthur A. McLean, Joseph E. Mayer, Winfield A. Huppuch, Jas A. Foley, Thomas H. Cullen, James J. Frawley, Geo. H. Cobb, John F. Murtaugh, Thos. H. Bussey, John R. Yale, Geo. H. Whitney, Alfred E. Smith, Daniel D. Frisbie, Frank L. Young, Daniel L. Ryan, Secretary; William Leary, Assistant Secretary; and Neil A. McLean.....\$1410

Aug. 21, 1914—N MISSION, 343-4 1/2 W 7th, W 31-7 1/2 N 165 E 31-7 1/2 S 165. Pope & Talbot vs. Talbot Inv. Co. and Neil A. McLean.....\$3218.65

Aug. 21, 1914—SW LYON AND TONQUIN, N 400 S 250 E 45 W 250. The Paraffine Paint Co. vs. Neil A. McLean, State of New York Panama-Pacific International Exposition Commission.....\$779.80

Aug. 21, 1914—NW LYON AND TONQUIN, W 400x250. Pope & Talbot, \$11,174.08. Forderer Cornice Wks., \$1,100 vs. Panama-Pacific Exposition Commission, State of N. Y., Commission, State of New York, Norman E. Mack, Arthur A. McLean, Jas. E. Mayer, Winfield A. Huppuch, Jas. A. Foley, Thos. A. Cullen, Jas. J. Frawley, Geo. H. Cobb, John F. Murtaugh, Thos. H. Bussey, John R. Yale, Geo. H. Whitney, Alfred E. Smith, Daniel D. Frisbie, Frank L. Young, Neil A. McLean.....

ALAMEDA COUNTY.

Aug. 15, 1914—LOT 28 Map A J Snyder's Piedmont Terrace-by-the Lake, Okd. Hogan Lumber Co vs Fred Peters and Louis Bernstein.....\$707.06

Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6x E 100, Oakland. Hogan Lumber Co. vs. Ernest Andersen and Barbara Strett.....\$2398.69

Aug. 20, 1914—NW GRAND and Elwood Ave., W 109.03 NE 34.33 SW 105.85 S 43.06, Oakland. Aikinson Mill and Mfg. Co. vs. Louis Bernstein and Fred Peters.....\$142.80

Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6 E 100, Oakland. Hogan Lumber Co. vs. Ernest Andersen and Barbara Strett.....\$239.69

Aug. 28, 1914—LOTS 58 & 59 BLK 7, Map No. 4, Regents Park, Oakland Tp. Bruce Lumber and Mill Co. vs. John Larson, D. Buckley and R. Duffke, Jr.....\$332.42

Aug. 28, 1914—SW MARKET & 14th, W 125xS 89-6, Oakland. Pacific Fuel and Building Material Co. vs. Dora Meese and N. J. Lindstrom.....\$77.40

SAN MATEO COUNTY.

RECORDED AMOUNT

Aug. 18, 1914—LOT 31, BLK 6, Crocker Tract, Daly City, S. Chervin vs. F. John Bouthard.....\$329.45

Aug. 19, 1914—ARLINGTON AVE., Valota Park, Redwood, Floyd L. Baird and Earl D. Baird vs. Mathias Schmidt.....\$169.45

Aug. 19, 1914—LOT 4, BLK 24, Map of Redwood Highlands, J. H. Bailey vs. Laura McCann Bennett and William P. Bennett.....\$281.20

SACRAMENTO COUNTY.

RECORDED AMOUNT

Aug. 22, 1914—W 42 FT OF N 100 feet lot 2, L-M, 7-8, Sacramento. D. Tatti vs. Allesandro and Edna E. Cahen.....\$253.58

RELEASE OF LIENS.

SAN FRANCISCO COUNTY.

Aug. 17, 1914—NE UNION & LAGUNA N 50xE 45. Herbert I. Lauder to Marcus Marcussen and Mrs. A. S. Kellogg.....

Aug. 24, 1914—N FRANCISCO, 130-2 1/2 W Grant Ave., W 26-5xN 68-9. Mangrum & Otter, L. A. Hufschmidt, Francis E. Teltz to K. C. and Maggie Gardner.....

Aug. 14, 1914—S THIRTY-THIRD 38-9 ft m W line Telegraph Ave W 40xS 123, Okd. Niels Jacobsen, \$457.50; E K Wood Lumber Co, \$2050.30 to E B Wickersham, Laura C and J C Peterson.....

Aug. 14, 1914—SE SIXTY-SECOND Ave and NE Virginia Ave NE 50x SE 100, Okd. W P Fuller & Co to East Bay Home Builders.....\$102.50

Aug. 20, 1914—SW 37-4 LOTS 13, 14, 15 and 15, Blk 89, Higby's Map of Town of Clinton, Oakland, John Geary to Ike Harold et al....\$56.55
 Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6 E 100, Oakland, Hogan Lumber Co. to Ernest Anderson, Barbara Street.....\$239.69
 Aug. 22, 1914—LOT 21, BLK D, Map Piedmont Knoll, Oakland, Redwood Manufacturers Co to Wickham Havens et al.....\$155.39

SAN MATEO COUNTY.

RECORDED AMOUNT
 Aug. 26, 1914—LOT 17, BLK D, Mission St. Tract, Hugh H. Smith to Stephen Sponder.....\$675.04

TRADE AND GOVERNMENT.

If you were in business on a big or little scale and you had a stock of commodities lowered in value by such an untoward emergency as war you would have to take your losses. If, on the other hand, the circumstances gave your commodities an upward value you would feel it your right and your self-obligation to take your unforeseen profits. Whether you did or not, others would. And this would hold especially true in a competitive business where each would feel his powerlessness to control the market by his own ethics or altruism.

It is chiefly this inherent fact or necessary rule of business that makes governmental trade commissions advisable; that justifies congressional actions to supervise the so-called law of supply and demand and to see that that law is not manipulated unfairly. The government is the best available force for doing fairly what a complete private monopoly might do more efficiently, but would probably do unfairly.—Kansas City Star.

BUILDING TRADES EMPLOYERS' ASSOCIATION HOLDS FIFTH ANNUAL BANQUET.

By Wm. E. Hague.

On Thursday evening, August 27th, the Building Trades Employers' Association held its fifth annual banquet in Hale's Pompeian Cafe. Over 200 members and guests were present, and undoubtedly this was one of the most successful banquets which the organized building industry of this city has ever seen.

National leaders among the employers and manufacturers of this country were among the speakers of the evening, and their interesting remarks were listened to with a rare attention from all.

Mr. Grant Fee, the newly elected and popular President, spoke briefly at the opening of the program and closed later with a forceful speech on the need of the building business standing together for an improvement in conditions, pointing out the absolute necessity of their exercising their right of franchise to vote and see that the right men are elected to office in the political positions throughout the state.

Mr. Walter Drew, of the National Erectors' Association, gave a concise and forceful history of the work being carried on in the steel and iron industry through the medium of the Na-

tional Association, touching briefly upon the McNamara case and the conviction of the large number of labor leaders at the head of the structural iron workers' union.

Mr. Drew was followed by Mr. Neumacher, of the National Manufacturers' Association, whose humorous and witty remarks created much merriment, and whose closing words upon the need of active interest among the employers in electing political candidates suitable to office were listened to with close attention.

Mr. John Kirby, President of the Dayton Manufacturing Company and Vice-President and director of the National Association of Manufacturers, complimented the building business upon the success of its central organization, and the co-operation evidenced by the large attendance at the banquet.

Mr. James A. Emery, general counsel of the National Association of Manufacturers and national counsel for industrial defenses, proved to be an orator of great ability, and delivered a speech such as the building industry has seldom had an opportunity of listening to, as being directed in its behalf. Mr. Emery was born and raised in San Francisco and is regarded in the east as one of the most enlightened speakers on industrial relations.

Mr. John Macintyre followed Mr. Emery with a few well chosen remarks; President Grant Fee then making his closing address, followed by the entire assemblage rising and singing the Builders' Refrain to the tune of Yale Boole.

Mr. J. W. Schouten was the popular toastmaster of the evening and fulfilled his duties with the Beau Brummel courtesy for which he is celebrated.

During the dinner the Doris De Fides company of sixty juveniles rendered a pleasing program, and in between the speakers Mr. Otis Johnson sang a delightful number, and later on Mr. L. A. Larsen sang a song written by his accompanist and was brought on for two rousing encores.

Much credit for the success of the evening is due to the Committee of Arrangements composed of Messrs. H. J. Hughes, W. B. Kyle and G. S. McCallum.

In the past it has been the custom for a number of those present at a building industry banquet to indulge too freely in the wines offered for consumption. It was worthy of note that on this occasion the wine was sparingly used and all present were able to enjoy in peace the speeches and entertainment which followed the dinner. There were no noisy interruptions and we will hope that this will always be so at our future banquets.

THE WOMEN SPEAK.

By Gerald H. Breilgum.

Over the farm lands, plowed and sown,
 Our men go tramping off to war.
 Who will reap when the grain is grown?

Why, we. We've reaped before.

Reaper? Why, yes, see our hands are worn,

Our backs are bent, our faces dull,

Our men, you see, are bound ere
 To keep the armies full.

So, water the stock and till the land
 Feed the children our men begot
 Wait for the time expired band—
 That is the women's lot.

But now the dread we always knew
 Has sickened all the land with
 The young, the strong, the old must
 Ruin and Death draw near.

Our lands are stripped of all our
 The war kings call the conscription

What for? God knows; not we,
 then,
 Who are we, to doubt!

Blood will stain all our rivers broad
 The red flame leap across the land
 Pillage will waste our thin
 down—
 All at the kings' command.

Our driven men with a last caress
 Go tramping off to war. For we
 Their children will be fatherless—
 That is the peasants' lot.

ONE-FIFTH OF STATE'S VALUE HERE.

One-third of Population in Bay District.

The total value of the property in San Francisco County, according to reports of the county auditors, is \$1,057,891. The total for the whole State is \$2,458,801,743. Therefore nearly fifth of the entire value of the State is located within the borders of the County of San Francisco. The population of San Francisco is 560,000 while the population of the metropolitan area, or bay region, is 910,000, one-third of the entire population of the State. This is worth talking about.

One-fifth of State's valuation found in San Francisco.

One-third of State's population found in bay region.

The Riverside Press objects to Exposition Company giving the 1000,000 Auditorium to San Francisco claiming that this city should not receive any special favors. The Immigration and Statistical Department of the Chamber of Commerce has gathered a few figures for the benefit of the southern editor. Out of a total of \$17,500,000 raised in the State for the Exposition, this city has raised \$5,000,000—five million from a city bond issue, \$7,500,000 raised by popular subscription, and \$1,000,000 as its share of the State bond issue of \$5,000,000. Here are the figures:

Raised in the State for Panama-Pacific Exposition...\$17,500,000
 San Francisco's share in the above.....\$5,000,000

The appropriation states the dimensions of the canal and gives the southern terminal of the canal to be Yuba River at a point about ten miles north of this city. Enslow is a civil engineer and hydraulic engineer, formerly of Butte and Plumas Counties. GROSVILLE, BUTTE CO., CAL.—Several members of the State Highway Commission who are in this city announce that plans and specifications for all of the highway not already under construction in this county will be ready during the coming fall. 1

will be asked during the winter, and by spring the successful contractors may start to work.

CHILEAN COMMERCIAL PROGRESS.

[Consul Alfred A. Winslow, Valparaiso] Notwithstanding financial and other difficulties in the Republic of Chile during last year, the country advanced commercially and the outlook for the future is fair. A number of projects for development are contemplated as soon as financial conditions improve. Much interest is manifested in the opening of the Panama Canal, and American interests should avail themselves of this growing market brought near their doors.

Lumber Imports and Resources.

Notwithstanding the fact that Chile has extensive forests, there are imported 75,000,000 to 80,000,000 feet of lumber annually, the greater portion coming from the United States. It is claimed that originally there were 75,000 square miles of forests in this country and that fully one-half still remain, but they are fast disappearing, as indicated by the following from a local publication:

The wholesale destruction of forest and, which is proceeding without check year by year in southern Chile and is assuming such serious proportions, has not yet roused the authorities to take preventive action. The "roces," or vast forest fires, have devastated and are still sweeping away thousands of acres of valuable timber, leaving large tracts of country to dry up under the fierce rays of the summer sun; and the agriculturist is clearing further tracts to increase his farm lands. For some time past the press has repeatedly called attention to the danger which threatens the country as a result of this wanton destruction of timber, and many a voice is now raised in warning. What effect will the disappearance of the forests have on the country? Don Vicuña Iakenna, writing on the subject many years ago, stated: "That which is coming to an end in Chile is not only the rain but the rivers, because of the disappearance of the trees overshadowing their sources."

Some of the principal reasons why so much Chilean lumber is consumed are the need of transportation facilities to get it to the market, the difficulty of logging and floating the logs to the mills because the timber is all so heavy, and the almost impossibility of cutting the timber during the winter when the sap is down because of excessive rains. A law has been enacted prohibiting the cutting of dead timber for lumber, or to cut timber when the sap is in it, or to offer for sale lumber within six months after the lumber is cut.

The question of increasing the duty now paid on imported lumber about 25 per cent has been before the Chilean Congress during the past year. Should the increased duty be levied, it is feared that the American lumber trade will suffer, as the present duty seems to be about all it will stand.

Railway Construction and Operation.

Work was pushed during 1913 on most of the railways under construction. Little new work was begun, and new lines seem to be much in view for 1914. During the year the Longitudinal Railway from Calera to Iquique, a distance of 682 miles, was opened to traffic. The Arica to La Paz line was opened a distance of 272 miles, and several shorter lines in the south. It is now possible to travel by rail from Iquique in the north via Santiago, a distance of 1,969 miles. About \$15,000,000 was expended on railway construction in Chile during the year, more

than one-half being private capital guaranteed by the Government. English capital controls 867 miles of Chilean railroads at a total investment of \$120,096,468.

A Government commission has been appointed to thoroughly reorganize the operation of the State railways with the view of putting them on a paying basis. In connection with this it is proposed to place a loan for \$24,232,500 to purchase rolling stock, to reorganize the repair shops (see Trade Opportunities No. 11194 published in the Daily Consular and Trade Reports for June 27, 1913), and to complete double-tracking the line from Valparaiso to Santiago. The Government railways have shown a deficit each year for the past five years notwithstanding that freight and passenger rates have advanced more than 30 per cent. For 1913, the deficit was \$2,000,000.

Comparatively little rolling stock was purchased for the Government railways during last year with the result that the service suffered, and the lines are short of equipment. It will pay American manufacturers and exporters of railway supplies to watch this market later in the year, provided an advantageous loan can be negotiated.

The electrification of the first section of the Government railways is still under consideration. It is understood that the plans are completed and only await the financial conditions to improve before putting the machinery in motion. The current is to be supplied by hydroelectric power.

Public Building & Improvement Scheme

The Chilean Government developed during the year comprehensive public scheme to cover a period of 10 years, beginning with 1914, at a total cost of \$22,995,000. This scheme includes the President's palace at Santiago, several capitols, penitentiaries, customhouses, and many public-school buildings. The Inspeccion General de Arquitectura, at Santiago, Chile, has the matter in hand.

An additional water supply is being provided for Santiago at a cost of about \$5,000,000. The pipe line is about 12 miles long, with the reservoir well up in the Andes. No pumping will be necessary, since the source is about 2,000 feet above the city. An English firm has the contract.

The Government has a reorganization plan that calls for remodeling four repair shops on the Government railway as well as extensive terminal improvements at the port of Valparaiso, which will call for the expenditure of \$5,000,000 to \$10,000,000 and for a large amount of up-to-date machinery and supplies. These improvements are in charge of the Direccion General de los Ferrocarriles del Estado, at Santiago, Chile.

Besides the above are extensive municipal improvements under way at Vina del Mar, a suburb of Valparaiso that are to be completed during 1914 at a total cost of \$1,500,000, and the boulevard and parkway along the beach connecting the cities of Valparaiso and Vina del Mar at a cost of about \$1,200,000.

Hydroelectric Power Development-Port Improvements.

During last year work progressed on the extension to the hydroelectric power plant in connection with the Braden Copper Co., near Rancagua, Chile, and plans have been under consideration to develop the water power of the Aconcagua River above Valpa-

raiso for the use of the cities in the valley as well as for Valparaiso where the current is now generated by steam with coal selling at \$6 to \$8 per ton. The current is sold in Valparaiso for lighting purposes at 14 cents per kilowatt-hour. The country is full of fine water-power sites that await capital to turn the waste into electric current for distribution to the cities and towns where are located small plants now run by steam power, where coal costs \$9 to \$12 per ton. It is generally understood that this would be a paying investment from the start, and would be much more profitable when demands for electric power became greater.

Much work was done during 1913 on the extensive port works at Valparaiso and San Antonio, which are to cost about \$17,000,000 and which are to be completed before the close of 1919. There were 700 men employed on these works at the close of the year, assisted by up-to-date machinery. Work at San Antonio is further advanced than at Valparaiso, but it is a much smaller undertaking. Plans are also ready for port works at Arica, Antofagasta, Talcahuano, Lebu, and Valdivia at an estimated cost of \$21,412,000. It is expected work will begin at Antofagasta next, where improvements are so badly needed.

Wireless Telegraph Stations.—Aviation.

During 1913 the chain of seven wireless stations along the coast of Chile, viz, Arica, Antofagasta, Coquimbo, Valparaiso, Tacahuano, Puerto Montt, and Punta Arenas, were completed, save the station at Puerto Montt, which is under way, and good progress was made on the station on Juan Fernandez Islands to the west of Valparaiso. The Chilean Government has taken steps to put this service at the disposition of the commercial world, and the Director General of Telegraph of the country is authorized to prepare a tariff list and such other regulations as seem best to connect up for commercial purposes with the other 500 stations of the world.

Studying South American Trade Possibilities.

More Americans visited Chile during 1913 for the purpose of studying the openings for business and investment than in any previous year, with the result that imports from the United States are increasing and more American capital is being invested in mining enterprises, which will call for still more American wares.

Americans are received with open arms, and the better they know South America, and Chile in particular, the clearer they will understand the possibilities for business and investment in this country.

The imports of manufactured products amounted in value from \$120,000,000 to \$125,000,000 annually, of which the United States at present is supplying about \$20,000,000 worth, when at least twice that amount should be supplied from that source. Active propaganda work will count for as much as in Chile as in any other part of the world if not more.

In the effort to extend American trade in Chile it should first be ascertained whether there is sufficient business in a particular line to warrant an active campaign. If so, the best man that can be had should be sent into the field, thoroughly equipped, and given ample time to do the work well.

He should speak Spanish, and should not be held down too close with expense allowance. Conditions are such here that a salesman can not successfully push business as at home, so he must bide his time if he expects to sell his goods. If one is not prepared to enter the field in this manner he had better not waste his time and money.

News In Brief.

VALLEJO, Solano Co., Cal.—The work of installing three seventy horsepower boilers for the steam heating plant for the Naval Hospital, at the Navy Yard, has been started under the direction of the Yards and Docks Department. A temporary boiler has been installed to supply steam for the hospital until the new boilers are placed in operation. The work will be completed in about three months.

LOS ANGELES, Los Angeles Co., Cal.—Estimates are now being prepared under the supervision of the City Board of Supervisors of the cost and survey of a route for a heavy truck road from Los Angeles to San Pedro Harbor. The proposed road will be twenty miles long and thirty feet wide and will be constructed of concrete.

OROVILLE, Butte Co., Cal.—Fredrick Whitton, representing the Interstate Resort Company of New York, is now in this city making preparations for letting of contracts on the new resort to be constructed at Blairsden. Bids will probably be taken on the wood work immediately, this work costing in the neighborhood of \$30,000. The total cost of the enterprise is estimated at \$100,000. The resort is to consist of a central dining room with log cabins surrounding the main building. Construction throughout will be of rustic.

ANAHEIM, Orange Co., Cal.—Plans for the construction of a new City Hall have been presented to the City Trustees for their approval. According to plans submitted every city official will have a separate office. Bids will be called for on the approval of plans.

STOCKTON, San Joaquin Co., Cal.—The City Council has awarded a contract to James Mulcahy for the construction of the Sutter street bridge over Mormon Channel. Mulcahy's bid was \$13,680, the lowest of the five submitted. The structure will be 200 feet long and 40 feet wide and will be built principally of concrete.

DINUBA, Tulare Co., Cal.—Plans are now being prepared for the construction of a new sub-station for the Mt. Whitney Power Company just east of Tulare, to replace the temporary station which was destroyed by fire some time ago. The building will be constructed entirely of steel and heavy glass and will be absolutely fireproof.

RICHMOND, Contra Costa Co., Cal.—All of the old wooden trestles which were built when the tracks of the Santa Fe Railroad were first laid are now being torn away and steel spans are being replaced. A crew of men have started excavating and putting together the steel for a six foot span over the San Pablo Creek at San Pablo. It will be necessary to go fifty feet below the bed of the creek to find hard

pan. The concrete piers and foundations are now being laid. Contractors Schoop & Filler of Los Angeles are doing the work. Each bridge will cost in the neighborhood of \$50,000.

CHICO, Butte Co., Cal.—Owing to the growth of business, the Associated Oil Company has decided to establish a depot in this city. Land near the Southern Pacific tracks is being looked over with a view of acquiring a site.

VALLEJO, Solano Co., Cal.—Contractor Michael Murphy of Berkeley has been awarded the contract for the extension of sewer No. 2 by the City Council and has started work at the corner of Sutter and Maine streets.

HENDERSON, Shasta Co., Cal.—Material has arrived for the construction of a bridge across the Pit River at this place. A crew of men are now at work arranging the materials. It is proposed to build a road from this settlement to Bartle, the eastern terminus of the McCloud Railroad. The road, if constructed, will be 18 miles in length.

NORDHOFF, Ventura Co., Cal.—The Southern Pacific Company is at work rebuilding the Ojia Valley railroad, which was destroyed by the floods last winter. The new road will follow the old course. Materials are on the ground and the work will be rushed to completion.

BETTER FIRE PROTECTION NEEDED FOR RICHMOND DISTRICT.

Battalion Chief John R. Maxwell has called Fire Chief Murphy's attention to the fire protection in the Richmond District. He states that on Lake street from 16th avenue to 19th avenue on California from 14th avenue to 15th avenue, also from 24th avenue to the ocean; on Clement from 15th avenue to 20th avenue and on 32nd avenue to the ocean there are no fire hydrants. This district is thickly settled and is chiefly constructed of frame buildings. He recommends that two new cisterns be installed in several parks in the district as there are only two cisterns operating in the district at the present time.

Hearst is lamenting on the horrors of war and commenting upon the fruits of peace and congratulating the United States on the fact that it has kept its head and is a neutral nation. Bryan has been the subject of more criticism and cartoons on the "doves of peace" episode than anything else. And Hearst has long been even resorting to all kinds of methods to discredit the administration on account of its peace program. Now that the wisdom of the President's plan has become evident to everybody Hearst with his usual style fans about and claims credit for the whole thing.

That portion of the Republic of Panama lying between the Canal Zone and Costa Rica is to have railway facilities by which the coffee from the Eoquetta district may be readily brought to the coast. A 36-in. gauge road will be constructed from Pedragal to David, 5 miles, and thence to Eoquetta, 28 miles. From David a 22-mile branch line will be built to La Concepcion. An American firm will build the road, which will cost about \$1,600,000.

A CITY'S WASTE.

J. E. Crichton, M. D.

(Continued From Page 11.)

proved successful beyond our fondest anticipation. When first engaged to write an active health work I wrote a paper recommending a form of garbage disposal by plowing this substance into the ground at a slight depth only did not know just what I was advocating excepting from personal knowledge gained from working on a farm when a boy. I knew that organic materials quickly disappeared when buried to a very slight depth in the soil on the farm where I was employed. My father was a Scotch physician and pronounced ideas as to the proper preparation and fertilization of the soil. Scotch farming means the spading of soil and not the plowing. To us boys was delegated the task of turning the soil for intensive development. In going over the paper recently I found that the subject was treated at all intelligently, but nevertheless from this thought has come a practical operation of our sanitary for the disposal of mixed waste without the slightest attempt at segregation, and, as I have said before, we are destroying satisfactorily the putrescible substances which naturally accumulate in a great city.

This method will, I trust, prove the most economical and satisfactory method yet attempted for the disposal of mixed waste. It will admit of short haul, that portion of waste activities which costs about eighty cents on the dollar of the garbage levy, the handling of our waste with very fewest employees. By this method we can fill, in many instances, low valueless lands, making them more valuable and, in some cases, leave unsanitary conditions.

These subjects should receive a hands of our officials much closer than is usually given them, for their correct solution depends largely the health and lives of the people. The death rate of a city now asked about as frequently almost as is the tax levy. Cities can no longer ignore their sanitary conditions and expect to compete with those cities which are clean and free from things which cause physical decay and death.

The fact that John Eshelman received the Republican nomination for Lieutenant Governor seems to indicate that the people who registered as Republicans are likely to exercise judgment in the final ballot. If Eshelman was nominated there is no reason why he should not be elected. Eshelman is elected there is a reason to believe that Johnson should be elected also. For Eshelman has been the head of the Railroad Commission which is the chief means by which Governor Johnson has fulfilled his promise and kicked the Southern Pacific out of the politics of the State. The Lieutenant Governor did not support the Republican nomination and squarely on the Progressive platform. So far as the people are concerned seems that they still have some independent thought and a major part of them are capable of exercising independence and intelligence in following the lead of political bosses who appeal to bat-eyed dice and the bigotry of partisans.

The problem of lighting is one that confronts everybody and particularly builders. The question of economy coupled with efficiency is the one with which builders have to deal, but after all the real test of efficiency and consequently economy is the effect of lighting systems upon the human eye.

The following editorial from the current number of the Scientific American gives the result of an exhaustive and scientific test:

Best Light for the Eyes.

Some three years ago the American Medical Association appointed a special committee to make a study of the effect of different lighting systems on the eye. The problem of lighting, as treated by engineers, has been for the most part an attempt to discover the most efficient forms of lighting from the point of view of economy—that is, how to get the most illumination for the least expenditure of energy. The problem of this committee has been to discover the form, distribution, intensity, and quality of light from the point of view of the health of human eyes.

The work of this committee is not yet completed, but preliminary announcements of results are of considerable interest. Among the aspects of lighting that have definite relations to the eye are: (1) evenness of illumination; (2) the angle at which the light falls on the object viewed; (3) the diffuseness of the light; (4) the evenness of surface brightness; (5) the intensity of the illumination; and (6) the quality of the light. The first four of these factors have been found by means of experimentation to be closely connected, although not absolutely uniform in their variation. Together they constitute what the experts call the **distribution of the light**. The ideal condition of distribution is to have the illumination as uniform as possible over the field of vision, with no extremes of surface brightness.

Daylight has been found to be the most satisfactory form of illumination, from the point of view of distribution. Daylight is pretty well diffused by numerous reflections before it reaches the windows. Inside the room, the window or skylight has a comparatively large area of relatively low brilliancy. These two factors contribute to a nearly uniform illumination of diffused light, with absence of extreme surface brightness.

Of the systems of artificial illumination, the so-called indirect is the best. In this system, the source of light is concealed from the eyes, the light being reflected to the ceilings or walls, and from these to the working surface. In direct illumination there is always the danger of having extremely bright spots in the illuminated surface. A system called the "semi-indirect" was found to be little better for the eye than the direct system. In this the light is thrown to the ceiling or walls, as in the direct system; but part of the light is allowed to come through translucent shades.

The relation of the different systems of lighting to the diminishing efficiency of the eyes was brought out in a series of experiments in which daylight was shown to be almost without effect upon the eyes after three or four hours of work; under direct artificial illumination the eye loses working power at a very rapid rate, and

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting **direct sales and returns.**

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Building and Industrial News

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almost as rapidly with the semi-indirect illumination. The indirect illumination was found to be nearly as harmless as the daylight. Sharpness of vision was also found to be highest, for any given degree of illumination, under daylight, and poorest under direct artificial lighting.

The deteriorating effect of the light upon the efficiency of the eye seems to be due to the fatigue of the muscles, rather than to any action upon the retina. Both the muscles of accommodation and of fixation seem to be affected.

This explains why the work in daylight, under proper distribution of windows, and with sufficient intensity of illumination, is not so tiring as artificial illumination.

Of course this is not the only element that concerns the health of the eyes. The intensity and the quality of the light are also of great importance.

For daylight and the indirect system, a wide range of illumination allows the eye to continue at work for several hours without undue strain, or rather without considerable falling off in efficiency. But with the semi-indirect and the direct system, there is no evidence of fatigue at every intensity of illumination. In the semi-indirect, however, the eye can continue at work comfortably at an illumination represented by something more than two candle-power at the distance of a foot from the working surface. When the intensity is considerably more or less than this, even the semi-indirect illumination soon tires the eye. As most artificial lighting systems give a much greater intensity than this, the semi-indirect systems are as injurious

to the eyes as the direct systems.

However, the safe intensity of illumination for the semi-indirect system is far too low for clear vision in most kinds of work. It is, therefore, impossible to get high acuity and low loss of efficiency with any system of artificial lighting except the indirect, although the semi-indirect will suffice at the safe intensity for the most home work and office work.

SAN FRANCISCO'S AUDITORIUM.

San Francisco's million dollar auditorium, when completed will have many features which will make the big assembly hall one of the best of its kind in the country. It will have a capacity of more than 10,000 people; two banquet halls, 56x136; four exhibition rooms, 60x136, and four reception rooms, 24x32. In all there will be ten committee rooms, two 16x18, four 16x22, two 40x64 and two 12x18. There will be moving picture facilities in connection with each of the banquet halls and an immense kitchen. There will be fourteen stairways to the second floor, or balcony, and twenty-two exits. From the main floor of auditorium there will be eleven exits. The lighting and ventilating system will of the finest. Telephone and telegraph exchanges and rooms for checking 7,920 hats, umbrellas and coats will also be provided. The dome of the building, architecturally known as of the low octagonal type, will be the largest of its kind in the world. An immense organ will be installed at the close of the Fair.

Efficiency and Advertising

by Lloyd C. Comegys

Points About Advertising Campaigns.

In order to understand how advertising can make money for you it is necessary to understand what advertising is and what it can accomplish. Advertising in its broader sense, is:

First: PUBLICITY:

Which is that acquainting the public in a general way with the name of a firm or its offerings which does not have the appearance of direct advertising and is largely received by the public as news.

Second: TRADE NAME ADVERTISING:

Which appears to the public frankly as Advertising. It aims to make known the name of the firm and the goods it carries. Trade name advertising does not count on direct results, relying upon sales being made by its own salesmen or by the other firms and salesmen who are acting or selling for them.

Third: DIRECT ADVERTISING:

Which is the selecting of definite parties or a definite locality to whom you desire to sell your offerings and getting your proposition, as directly as possible from you to them. In this you can figure the cost of doing so, the total amount realized on the volume of business obtained thereby and your profit on such business. You can submit a definite, concrete offer to them, and provide for a means of closing that offer and realizing your profit. This allows you to pick out a large number of parties, submit your proposition to them and continue to follow up submitting it to them, until you have effected a sale or found that a sale cannot reasonably be made. In other words, advertising and especially direct advertising is that scientific method or aid which can be used in disposing of whatever you have to offer, instead of relying entirely upon personal salesmanship as of old. Properly used advertising can make more money for you than possibly any other single business facility that there is.

If you can sell your offering to more than one party try at the same time to sell it to a thousand or more.

To hire salesmen would cost you much and it would be impossible for you to go to each of a thousand within any reasonable time. By advertising you can talk your proposition to the thousand in a single day. You can learn who is interested and who will not take your line.

You eliminate the time of personally seeing those who won't buy.

You eliminate the cost of personally seeing those who won't buy.

Your time is your capital and what is saved is added capital for additional endeavors.

Advertising enlarges your field of action, enabling you to make more money.

Proper direct advertising also accomplishes trade-name advertising.

Why Some Advertising Does Not Seem To Pay

Advertising does pay. That has been proven conclusively. The accumulating of large fortunes almost entirely through the use of advertising is the convincing evidence. The many detailed records of its use, its cost and its returns, show how it has been used to advantage. Therefore it is not necessary to establish the fact that advertising has been made to pay many, many hundreds of times. It can be made to pay. Why it has not been made to pay more often is the point we are interested in.

The main defects of advertising campaigns seem to be:

First—That the proposition to be advertised is not fully and scientifically analyzed and charted.

Second—That no competent advice is brought to bear as to what can and should be done in the way of advertising.

Third—There is no definite and scheduled plan of the results expected and there is no record kept of what is being accomplished.

Fourth—There are no methods and records for following up the percentage of results and finding out why they have not come up to the scheduled plan.

Under the first point it would seem almost unnecessary to say that the proposition to be advertised should be carefully analyzed and charted from an advertising and selling standpoint. But right here at the very foundation of a proper advertising structure, lies most of the troubles of the campaigns or expenditures that do not seem to pay.

Second—And when parties say that they are competent to do their own advertising, without having spent time in training for the work, it shows the ignorance of not knowing they are ignorant on that particular subject. Whether to use Publicity methods in your advertising campaign and how

much and in what manner; how much Trade Name advertising to do and in what manner; and how much Direct Selling advertising to do and in what manner, are questions that must be thoroughly understood, answered and the answers carefully charted. Without knowledge and training in advertising it is simply impossible for a person to answer these questions properly.

Third—Definite plans should be made and the standards of the results expected should be carefully established and charted.

Fourth—And lastly, but most important is the work of following up the percentage of returns.

The Advertising Value Of A Trade Journal.

Eliminating the Publicity end of Advertising, it being too advanced a branch of the work for the general public to try and handle, and considering only the TRADE NAME part and DIRECT SELLING part of Advertising, we find:

That for the purpose of acquainting regularly and most surely, a large number of serious minded people with the name and quality of your goods and the name and location of your firm that the Trade Journal or paper is one of the best mediums. And it is right here where the disappointment in a great deal of advertising comes in, because advertisements that are purely Trade Name advertisements are expected to bring in the returns of Direct Selling advertising.

Never figure on trade name advertising alone, but always in connection with a further campaign or effort of advertising or salesmanship along Direct Selling lines.

Trade Name advertising is an important part, but is only a part of an advertising campaign.

Your little ad coming into an office with every issue is the cheapest and best of ways of reminding people of your existence and your goods.

In Direct Selling campaigns, if the particular Trade Journal or paper covers the field or part of the field you wish covered, it can be made to bring you very great results.

Read your Trade Journals and papers and study carefully how you can use their valuable advertising space for your own advantage and profit.

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"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

== THIS WEEK'S ILLUSTRATIONS: ==

Court of Palms at the Panama-Pacific International Exposition Showing the Liberal Arts Building and Dome of the Horticulture Building in the Distance.

Tower of Jewels, One of the Most Impressive Buildings at the Panama-Pacific International Exposition.

Wednesday, September 9, 1914.

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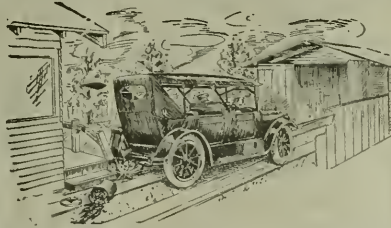
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San Francisco, September 9, 1914

Fourteenth Year, No 36



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Editorial Comment.

HOW BAD IS WAR?

It is noteworthy and really remarkable that the French, amid all their excitement of trying to keep out a foreign invader that forty years ago took their capital, are now on the one hand taking steps to care for the hundreds of thousands of men who have been thrown out of employment in France by the cessation of the American trade, and on the other hand are giving their attention to investigating the stories that their own people are telling about the cruelties of the Germans. Whatever the motives of the French government may be in this last matter, it is one which undoubtedly will be imitated by the impartial people of the rest of the world. In a sense such conventions as those that have gathered at The Hague in the last twenty years have propounded rules by which the game of war shall be played, are on trial. Can men be anything but brutes when they are out after victory? When they are playing with death, will they be limited by any particular methods of securing death? Will new rules as to exclusion of novel methods of warfare be honored or ignored, when some new method is the only one possible to Kaiser or Czar at a time when they are fighting for what they consider a righteous cause.

It is true that conventions have agreed that things liked poisoned bullets shall not be used in war, and as a fact they are not used. But is it because of the agreement? Would not the use of poisoned bullets be child's play anyhow? Modern warfare can not take notice of anything so merely incidental as the use of a poisoned bullet. Any ordinary bullet is serious and effective enough when well directed. But would any convention agreement excluding the use of aeroplanes from warfare have been lived up to by either French or Germans in this last fortnight's reconnoitering? It is hardly thinkable.

What the French will find out is whether the stories that their own people are telling about German cruelty are true. If confirmed, doubtless the French will use them effectively in their later campaign before the newer and most effective judge, world public opinion.

But the Germans, on the other side, will be able to gather many stories of cruelty committed by French and Belgian and British. Where these are merely acts of marauding, committed incidentally here and there, they will simply go to confirm the general demand for the ending of all war. But where it appears that they are the re-

sult of intentional planning of commanders, or of gross neglect on the part of the warring government, they will go far to add to the world condemnation of one side or the other in the war. Further, they will go to the question as to whether the word of any government will be worth much in attaching its signature to such an agreement as a neutrality treaty or a convention for the limitation of the effects of war.

The censorship is now heavy upon the battlefield of Europe, but in a very short time the fierce light of publicity will shine upon it as it never has before in the world's history. There doubtless was much cruelty in the war of the allies against Turkey, but the Balkans were rather far removed from European attention or sympathy. Belgium as a war scene will be card catalogued and cross indexed very effectively. We will soon not only know that war is hates, but why it is, and how much.—Fresno Republican.

THE TRADE ROUTES.

The war in Europe has not only interrupted international trade, but it presents serious difficulties which must be surmounted before a normal movement of merchandise is possible along the old trade routes. With this abnormal condition great consumers of wealth abroad, their European supplies having been cut off, are looking to the United States for merchandise.

The American manufacturer is not only prepared to meet these foreign demands, but he is confident that with the establishment of friendly trade relations, he will be able to compete with Europe and retain his new foreign customers after treaties of peace have been signed. This is indicated by the steps which are being taken to develop the new trade routes on a permanent basis, which is evidenced by the many trade-marks which are being registered abroad by citizens of the United States.

The receipts from the Panama canal since it has been opened are said to have not even paid for operating the locks. So that had the coastwise tolls exemption not been repealed there would have been no revenue whatever under present conditions. Whether or not President Wilson anticipated the present world war our situation now is absolutely impartial no matter what may be the outcome of hostilities in Europe.

And as events are now shaping themselves it looks like it will be up to us to supply the world's commerce for the next year or two. In any event the loud criticism of the President by the newspapers that were seeking some thing to criticize is now silent.

The Planing Mill Construction.

C. D. Gray In The Woodworker

Great changes have been noticeable in the planing mill business during the past few years, and there is every reason to believe the tendencies which have been in evidence will be more emphasized as time goes on. The lot of the planing mill owner is not an easy one, or conditions under which he must work are getting more and more severe all the time.

The fact that stock mill work has been gradually encroaching on the territory of the planing mill man, so that making up goods to specifications is not demanded so often as formerly, is the biggest feature which is affecting the situation. It must be admitted that the planing mill owner, who was once able to show better quality than the concern making large quantities of doors and other mill work could always do, is no longer able to point out defects in the goods of his competitor, and is finding factory goods carried in stock by the retailer hard to beat as to quality and possessing a big advantage as to price.

With the cost of materials generally advancing, and with lumber and labor alike costing more, the builder is looking for all the short cuts he can possibly take advantage of. One of these is the use of stock designs of mill work, which are turned out of the large plants in such immense lots that the cost of production is very much lower than when the planing mill makes up each lot according to the specifications of the architect for that particular job.

The architects themselves have come around to the stock design in a lot of cases. A veteran planing mill man said the other day that some of the best architects in the country, who formerly made their own designs and superintended the construction of their mill work in local planing mills, are now specifying stock doors which have been pushed under trade names by the manufacturers. With the sentiment of the architects changing in this direction, the planing mill depending more or less on local custom is again hard pushed to make a showing.

Dull times with many planing mills have resulted in efforts being made to get business in ways that were formerly not thought of; general contracting is one of these. The planing mill man heretofore contented himself with soliciting the contracting carpenter for the mill work he would require on jobs for which he got the contract. If the work happened to go to a contractor with whom the planing mill man was not acquainted, or who had friends of his own in the business, there was little opportunity of getting the job. Losing out in cases of this kind was naturally distasteful, and the aggressive mill work man began to look around for a surer system of getting the business.

The most obvious method that presented itself was the plan of taking general contracts. If the mill owner

were able to get the entire job, he could sublet those parts of the work which he was not in a position to handle, and take care of the carpentry end of it only. If he liked, he could have a contracting carpenter supply the labor for this portion of the work, and simply furnish the material. In this way he would be sure of getting work for his mill, without the necessity of doing anything except the kind of work the concern had specialized in.

This plan has been used by a large number of planing mill owners and has worked out well, as a general rule. Sometimes, it is true, the mill man, lured on by the opportunity of making a "clean-up," decided to handle the other work himself, instead of subletting it, and in some cases of this kind big losses were suffered. But usually one or two experiences were sufficient to show the planing mill manager that the better plan was to sublet all the work except that involving the mill work, and this is the plan which is in general use.

There are a lot of disadvantages connected with the system, of course. One of them is the increased cost of office work. Instead of having estimators figure only on the mill work, it is necessary to get bids from sub-contractors covering all the other items, and check these up with the plans. That means that if a job is lost, the loss involved in figuring and bidding is much greater than it would have been if the concern had confined its interest to the mill work.

Again, those who are in the contracting business exclusively, and have no mills, resent the competition of concerns like planing mills, which come in and compete against them. If the exclusive contractors manage to get the business, they are not likely to feel friendly enough to the planing mill which had in a bid on the whole contract to turn any business its way, but usually buy the necessary mill work from a planing mill devoting itself exclusively to that business, without attempting to get into the contracting game.

That limits the possibilities in that direction; and the plan of doing general contracting, if adopted by one mill, is likely to be followed by others in that territory, since competitors usually adopt each other's innovations if they have value. Thus the proposition is likely to be reduced ultimately to its original terms, with competition among the planing mills still in evidence, though covered up by the general contracting system.

The planing mill man who has had a nice little business, operating in a comparatively small territory and handling jobs close at hand, and who, under the stress of increasing competition and restricted business, has been forced to go far afield as a general contractor in order to get sufficient business to keep his plant going, must indeed feel that he has fallen upon evil days; and certainly this business

is not so desirable nor so comfortable as the other kind. Contracting involves big risks, of which credits are not the least. The general contractor, no matter how carefully he secures himself by bonding his sub-contractors, necessarily has a bigger stake in the game than the man whose attention is confined to conducting a planing mill.

On the other hand the planing mill owner who does general contracting gets a profit not only on the mill work furnished for a job, but a percentage on the work of the sub-contractors. Hence the increased earnings on a single job may more than make up for the increased expense and risk. In some cases, however, the mill work manufacturer is so anxious to keep his machines busy and his plant going that he shaves his bid to the lowest possible amount, in order to insure getting the business. In that event he makes little, if anything, more on the whole job than he would have done on the mill work only, handled under ordinary conditions.

"We wouldn't do any general contracting at all if we could get enough work for our mill otherwise," said the general manager of a large plant in an Ohio valley city. "We've got our investment in buildings, machinery and other equipment, and we want to keep our force together. That means that we must get a larger proportion of the building work of our community than we formerly did. The only way we can do that is to go after general contracts, and that is just what we have done. But it's not altogether satisfactory, and we are handling it only as a matter of necessity."

The entrance of concerns like planing mills into the general contracting field has resulted, too, in a strong movement on the part of concrete and brick contractors, heating and roofing concerns and others who ordinarily operate under subcontracts, in favor of having the work let in detail. It is pointed out that the general contractor is too often a broker, who places sub-contracts wherever he can get the work done the lowest, and the argument is made that the interests of the owner would be best served by having the architect let subcontracts and exercise detailed supervision over these. This is another feature which complicates the situation and makes the future of the planing mill uncertain.

The carpenter, the planing mill and the retail lumberman are all pretty close together. The retail lumberman in some cases has undergone a metamorphosis as a result of the increasing demand for building materials other than wood, and has taken on cement, lime, roofing, builders' hardware, paints, etc., carrying lumber merely as one item in a general stock of building supplies. In other instances he has added a carpenter shop and gone into the contracting end of the business, perhaps adding a line of

mill work to fill out his requirements. The carpenter is now cutting up a lot of lumber on his own account, and many cases is carrying as big a stock of lumber as the ordinary retailer, from whom he differs in name but not in anything else. He, too, is doing stock mill work, as his shop will not rise to the dignity of a planing mill, but has only enough equipment to enable material to be cut to size and dressed, no attempt being made to manufacture doors and other jobs requiring more elaborate equipment and greater skill. But this is not very far away from the planing mill, especially the sort of work which is doing carpenter contractor or general contracting as a means of increasing its volume of business by making up for the holes caused by competition of cheaper lines of goods.

Along the line, then, there is a movement in the direction of holding the volume, changing to meet the conditions, and adapting the business to the demands of the times. This is the only way to insure continued success and even continuance in the field, may be conceded. The mill always be need of the services of the mill work man; and while stock designs and low prices of big manufacturers may restrict opportunities of the local plant, machines can nevertheless be kept in use by resorting to one or another of the devices which present themselves to the business man who keeps near to the ground and never goes far from his work.

MONOLYTE CONCRETE HOUSES MEET WITH FAVOR IN AUSTRALIA.

The pouring of concrete into moulds to make houses has, for several years, been the subject of articles in British, American, and Canadian journals, the name of the foremost inventor of the day has been associated with the development. After conducting extensive experiments, particularly with regard to the mixing plant and the proportions of the ingredients composing the concrete mixture, an Australian builder—Mr. B. Marchant, of Adelaide—erected a large number of houses in 1913 in his own city, under the name of "Monolyte" process. The success attained by the practical demonstration of his methods has caused the company to be formed to exploit the process in Australia, and to dispose of the patent rights held abroad. The company employed by Mr. Marchant is believed to be the nearest approach that has yet been made to realize the prophecy of Mr. Edison with regard to concrete building.

Far the system has been only used for plain and strong houses, such as men's cottages and buildings of the class, but it is claimed that the material can be utilized in a superior form of dwelling. In the houses erected at Adelaide, the walls and chimneys are monolithic, while the roofs and floors are of ordinary construction, but the floors and ceilings can be of reinforced materials. The advantages claimed are the speedy and economical construction of cottages for workers, in which lighting,

ventilation, and sanitation are carefully studied, while the cost of maintenance is reduced to a minimum. By improvements in the moulds and their adaptation, a six-roomed house was recently finished complete in 96 hours, the cost (in Australia) being considerably less than brick and almost as cheap as wood. The Commonwealth Government acting under expert advice, recently purchased a Monolyte plant for use in the northern territory.

Process Used for Building Concrete Houses in Australia.

The Monolyte system of ferro-concrete structure varies considerably from that practiced by other somewhat similar processes. The moulds are of wood—with inside faces of iron—and stand the full height of the wall. The concrete is mixed dry on the ground and then conveyed by an elevator to flues (above the moulds) fed with water, and the wet concrete is poured into the moulds in one continuous stream until the walls are filled in. Briefly, the Monolyte process is recapitulated thus:

The ingredients used in the mixture are six parts by measure of three-quarter-inch stone screenings, three parts sand and one part cement. These materials are measured out, roughly mixed and placed at the foot of the elevator, which—with its endless chain buckets—lifts it to the mixing trough, situated above the tops of the moulds. In the mixing trough is a revolving spindle, with arms so designed that as the material is mixed it is also moved along and delivered into galvanized iron shoots, which carry it to any desired position. The material is elevated to the mixing trough in a dry state, and there the water is added from an expert concrete mixer. The whole apparatus is worked by an 8 h. p. petrol engine, which elevates, mixes, and delivers the material. The moulds are constructed of framed wood panels, the full height of the wall, held together where they meet by hinges, the pins of which draw out, and thus allow of their being readily locked together or taken apart. These are lined on the inside faces with plain galvanized iron, which gives true surfaces to the walls.

The moulds when taken down are used repeatedly for other buildings, and a certain degree of variety has been introduced into the construction of the houses by using interchangeable parts, which relieves the monotonous appearance of a number of cottages of this class erected close to each other.

When the moulds are removed the surfaces of the walls are scratched with steel combs to give a key for the plaster. The reinforcement for foundations consist of 1/2-inch steel rods, all hooked together at points and turned corners; for the walls 3/4-inch, 5-16-inch, and 1/4-inch rods as desired, placed 18 inches to 2 feet apart, vertically and horizontally, and wired together at all intersections. These are put together on the ground and lifted bodily into position in the center of the mould space. They are held in place by distancing pieces of wire at necessary intervals,

All cone-shaped plugs for picture mouldings, etc., are placed in position within the mould, also conduit pipes for electric wires, and the material poured around the same. The houses are plastered on the inside (some with fibrous plaster ceilings) and rough-cast on the outside.

Concrete Houses With Steel Frames.

One of the Australian problems of the moment—as rents are continually increasing—is to discover the cheapest and most durable dwelling house, and builders have in concrete a material which is being largely experimented with for construction purposes. Some villa homes, with light steel frames imbedded in concrete, are now being erected in Melbourne suburbs. The steel studs, stanchions, and templates are ingeniously fitted without screws or bolts being required. And the window sashes and door frames are adjusted by a similar device. The advantages claimed for this class of construction are the saving of labor and cost of material, thus giving a durable building at a moderate outlay.—Western Canada Contractor.

JOHN R. COMMONS ADDRESSES THE GENERAL CONTRACTORS' ASSOCIATION.

The members of the General Contractors' Association listened to a very able talk from John R. Commons, Professor of Economics of the Wisconsin University, last Thursday night at their headquarters, 110 Jessie street.

Mr. Commons is on the Industrial Relations Commission, appointed by President Wilson, now holding sessions in this city.

During his address Mr. Commons told how the State of Wisconsin formed its labor laws. Wisconsin was in a condition very similar to California, in that the Statute Books were crowded with labor laws. Wisconsin at one full swoop wiped out 163 labor laws and appointed commissions from the ranks of the laborers and from the manufacturers, merchants, employment agencies, etc., called public hearings and thereby harmonized all conflicting laws. Labor agitators, lawyers, secretaries and professional men were barred from commissions.

Many interesting questions were asked and answered.

All those who were fortunate enough to attend were well paid for the time consumed.

Mr. Commons is practically well having made them a life study, qualified to discuss labor problems.

PALERMO, Butte Co., Cal.—Grinnell Burt, H. P. Burt and Dunning Fowler, large olive growers, are the principal figures in the organization that has been affected for the construction of an olive pickling plant at this place. They will be ready for operation this season and the plant will cost about \$12,000.

PORTERVILLE, Tulare Co., Cal.—A petition will be presented at the next meeting of the City Council, asking for the paving of Oak street. The petition has more than the number of signatures required, and it is thought the immediate steps will be taken to have the street improved.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel or reinforced concrete. Cost not stated. Architect, Carl Geiffuss, 16 Kearny street, S. F. Owner's name withheld. The building will be erected on Powell street in the Fifty Vara District, and will command an excellent view of the entire city and bay. There will be six apartments in the building, each containing seven rooms. The living and dining rooms will be connected by a reception hall. Each apartment will have three chambers, each with a private dressing room and bath. Interiors will be finished to suit the individual taste of the tenants. Plans provide for steam heat, elevator service, electric dumb waiters, hot water system and vacuum cleaning. All bath rooms will be finished in tile. Exterior of the building will be faced with glazed terra cotta. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogree, 1011 Hyde street, S. F. The building will be erected at the northwest corner of Hyde and Pine streets, covering an area of 37½ by 87½ feet. There will be 21 apartments arranged in two and three room suites. Interiors will be finished in pine with some elm panels. There will be steam heat, elevator service and a hot water supply. Wall beds will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Carl Geiffuss, 16 Kearny street, S. F. Owner's name withheld. The building will be erected on Van Ness avenue near the Exposition Grounds, and will cover an area of 30 by 30 feet. There will be six suites of three rooms and six of two rooms. Interiors will be finished in pine with some elm panels and oak floors. All apartments will have wall beds and private baths. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$20,000. Architect, William Wither 1725 Broadway, Oakland. Owner, R. Pozzi. The building will be erected at the corner of 22nd and Harrison streets, and has been designed to contain a number of two and three room apartments. Interior finish will be of pine and red-

wood with some oak floors. All apartments will have wall beds and private bath rooms. Baths will be finished in tile and will have composition floors. Plans provide for steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, W. Wakefield. The building will be erected at the southwest corner of California and Stockton streets, covering an area of 66 by 105 feet. There will be a total of 11 apartments of two and three rooms. Interior finish will be of pine and hardwood. Plans provide for steam heat and automatic elevator, hot water supply and vacuum cleaning. All bath rooms will be finished in tile. Wall beds are specified. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for at once.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,500. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, P. D. Bernhard. Contractor, H. C. Warwick, Hearst Bldg., S. F. Contract price, \$12,500.

BATH HOUSES.

SAN FRANCISCO—Bath house addition, 3 story and base, reinforced concrete. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Olympic Salt Water Co. This addition will be constructed on property adjoining the present Lurline Baths on the west, and will have a frontage of 70 feet on the north side of Bush street by a depth of 120 feet. The new portion of the building will be used for Turkish and Swedish bath parlors, additional dressing rooms and a completely equipped laundry. Construction will be similar to the present building, although the design will be slightly modified owing to the uses of the new portion. The present system of heating will be extended into the new portion of the building. Interior will be finished in pine and hardwood plaster. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

BONDS.

NORTH SACRAMENTO, SACRAMENTO CO., CAL.—The State Board of Control has purchased \$25,000 of the North Sacramento School bonds. The bonds bear 5 per cent interest, which will be devoted to the State compensation insurance fund,

GALLATIN SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Sealed bids to be received by the Board of Supervisors of Los Angeles County for the purchase of the Gallatin School bonds in the sum of \$10,000. Bonds will be 5½ per cent interest per annum. J. Leland in the County Clerk.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—An election will be held in the Crest School District for the purpose of voting bonds in the sum of \$2,500 to raise funds for the erection of a school building and the purchase of the necessary equipment. Geo. H. Dexter, H. G. Hansen and H. Neils are the School Trustees.

SANTA CRUZ, SANTA CRUZ CO., CAL.—A movement has been started here to call a bond election for the construction of a bridge over the San Lorenzo River at Sequel avenue. The proposition is now being considered by the City Council. There is also some talk of the construction of a pipe line from Laguna, and it is thought that bonds for this work will be voted also.

ORANGE, ORANGE CO., CAL.—One bid was received here by the City Trustees for the construction of a bridge across the Santiago creek at East Chapman street. The First National Bank of Orange bid par. The matter was taken under advisement. The bridge will be of reinforced concrete construction and will cost in the neighborhood of \$20,000.

REDONDO, LOS ANGELES CO., CAL.—A local newspaper in giving the minutes of the meeting of the City Council states: "In the matter of the ordinance submitting to the voters Redondo Beach the proposition of incurring an indebtedness in the sum of \$121,000 for the acquisition and construction of a municipal wharf at the foot of Emerald street, came up for final passage. After discussion it was moved that before any further proceedings the clerk write to Mr. Shot regarding the securing of an easement to the approach to wharf No. 1, which was seconded and carried."

PINER SCHOOL DISTRICT, SONOMA CO., CAL.—A bond election here carried by a vote of 47 in favor of the issue and 12 against. It is the intention of the school trustees to erect a two-room school house. The bonds were for \$4,000.

AUBURN, PLACER CO., CAL.—Attorneys for Torrence Marshall & Co. purchasers of the school bond issue of Auburn and Roseville, have turned down the bonds on account of alleged irregularities in regard to the publication of the notices of sale of the bonds and calling for an election vote the issue. The bonds voted Auburn amounted to \$17,000 and were for the erection of new Grammar School buildings. Those issued Roseville were in the sum of \$45,000 and were for the erection of a High School. Both these buildings will be delayed and it is probable new elections will have to be held.

PRINCETON, COLUSA CO., CAL.—The \$15,000 school bonds voted here over one year ago for the construction of a new grammar school building have been cancelled by the Supervisors. The action of the Supervisors is due to the fact that the life of the bonds had expired. It is probable that another election will be called.

ALBANY, ORE.—Bids will be received by the Board of Directors of School District No. 5, Linn County, until October 1st for the purchase of 50,000 bonds, dated 20 years, optional for ten years, with interest at 5 per cent.

Plans for the proposed school building, which will be built as soon as the bonds are sold, are being prepared by Charles Burgraff, architect, of Albany, Ore.

SHOSHONE, IDAHO.—The special election held here to vote on the issuance of \$18,000 in bonds to purchase the local water works system and installing filtration plant, resulted in favor of the proposition.

TACOMA, WASH.—Bids will be received here until September 19th for the purchase of bonds in the sum of 35,000 for street railways. John F. leads is the City Comptroller.

OAKDALE, STANISLAUS CO., CAL.—At a meeting of the Board of Directors of the Oakdale Irrigation District it was decided to call a special election to decide whether or not an issue of 400,000 shall be made for improvements in this district.

The date of the election has been set for November 5th. The bonds, if issued, will be used to extend the laterals of the system and make other necessary improvements.

TURLOCK, STANISLAUS CO., CAL.—The election for park bonds in this city resulted in the voting of 413 votes for the issue and 188 against. The voting of these bonds is in compliance with an order of the State Railroad Commission whereby the Southern Pacific Company is required to erect a new depot in this city at a cost of not less than \$10,000, provided the city acquires and parks block 6, which adjoins the depot site.

GARTNA SCHOOL DISTRICT, MARIN CO., CAL.—An election will be held here on September 19th for the voting of bonds in the sum of \$2,500 to provide for the erection of a school building. Mrs. Alice Gamhoni, Mrs. E. M. Hardman and Mrs. L. Evans are the school trustees.

LINDSAY, TULARE CO., CAL.—A meeting of the citizens held in the council chambers resulted in the favoring of the issuing of bonds in the sum of \$1,000,000. No date as yet has been set for the election.

TURLOCK, STANISLAUS CO., CAL.—G. B. Blymeyer & Co. of San Francisco, the successful bidders for the \$15,000 issue of bonds in Turlock for the purchase of additional fire equipment, have notified City Clerk Weber that they will not take the bonds and request that they receive their certified checks. The firm has abandoned the purchase of the bonds owing to a discrepancy in the ordinances calling the election. It is probable that another election will be called.

CALEXICO, IMPERIAL CO., CAL.—A petition is now in circulation asking the city officials to call a special bond election for the purpose of rais-

ing funds with which to make improvements to the present irrigation district.

SUTSUN, SOLANO CO., CAL.—District Attorney J. M. Raines states that he has been assured that the State Board of Control will purchase the \$60,000 High School bonds, which were rejected by a Los Angeles bond broker.

BRIDGES AND DAMS.

SAN FRANCISCO—Pier, bulkhead and shed, creosoted pile and timber construction, \$204,300. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids opened for the construction of Pier No. 37 together with the adjoining bulkhead wall and pier shed were opened by the Board of Harbor Commissioners on September 3rd. Healy-Tibbitts Construction Co., S. F., submitted the lowest figure at \$204,300 and will be awarded the contract. Four other sets of figures were submitted. A complete list of the bids will be found under San Francisco in this issue.

RICHMOND, CONTRA COSTA CO., CAL.—Railroad bridges, 2, steel construction, \$50,000 each. Engineer, G. W. Harris, Kerchoff Bldg., L. A. Owners, Santa Fe Railroad Co. The company is now replacing all timber bridges along its right of way with modern steel structures. Two bridges near Richmond are now being built by Schoep & Filler of Los Angeles, and plans are underway for several more steel structures.

FAIRSVORTH, COLUSA CO., CAL.—Reinforced concrete bridge. Cost not stated. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans and specifications are complete for a reinforced concrete bridge over the drain at Farnsworth Place, and figures are now being taken for the work. Plans and specifications can be secured from the County Clerk at Colusa. Bids will be opened on September 10th.

MARE ISLAND NAVY YARD, CAL.—Piles and timber for quay wall. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on September 9th at Washington, D. C., for furnishing piles and timber for constructing the new quay wall at the Mare Island Navy Yard. Plans and specifications can be secured from either the Bureau of Yards and Docks or from the Commandant at Mare Island.

Contracts Awarded.

CAMPBELL, SANTA CLARA CO., CAL.—Retaining wall, earth construction, \$5,000. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, M. E. Kilcourse. San Jose. Contract price, \$5,845.

ESPARTO, YOLO CO., CAL.—Bridge, reinforced concrete, \$30,000. Engineer, County Surveyor, Woodland. Owners, Yolo County. Contractors, Ross Construction Co., Sacramento. Contract price, \$28,760. Earth work, Sam Schwab, Esparto, 17½¢ per cubic yard for 3,600 yards.

WALNUT GROVE, SACRAMENTO CO., CAL.—Bridge, steel and reinforced concrete, \$77,660. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Contractors, Jenkins & Wells, address in care of Sacramento

County Surveyor, Sacramento. Contract price, \$77,660.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridge, steel and reinforced concrete, \$13,680. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Contractor, James Mulcahy, Stockton. Contract price, \$13,880.

CHESSEY, MERCED CO., CAL.—Bridge, reinforced concrete, \$11,700. Engineer, County Surveyor, Merced. Owners, Merced County. Contractors, Mesmer-Rice, Marsh-Strong Bldg., L. A. Contract price, \$14,700.

ASTORIA, ORE.—Docks, 1 and 2 story, pile and timber, \$145,425. Engineer, F. J. Walsh, Port of Astoria Commission, Astoria. Owners, City of Astoria. Contractor, C. L. Houston, Astoria. Contract price, \$145,425.

CHURCHES.

LOS ANGELES, CAL.—Church, 1 and 2 story and base, brick and steel, \$100,000. Architect, Frank L. Meline, 6621 Hollywood avenue, L. A. Owners, Fifth Church of Christ, Scientist. The building will be erected on a large lot recently secured at the corner of La Brea and Hollywood Boulevard. Interior will be arranged for a number of lecture rooms, study rooms and reading rooms. Interior finish will be of pine and hardwood with ornamental plaster. There will be a modern system of heating and ventilating. Art glass will be used. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared. Further mention will be made of the work.

COURT HOUSES.

SAN FRANCISCO—City Hall carpentry work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the regular Wednesday meeting of the Board of Public Works for the carpentry and mill work in the new City Hall show Monson Bros. low on all three propositions as follows: (1) \$40,768; (2) \$156,818; and (3) \$197,768. A complete list of the bids received for this work will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—City Hall elevator work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened for furnishing and installing the elevator equipment in the new City Hall show Otis Elevator Co. low on Prop. 1 at \$59,755, and the Van Emon Elevator Co., low on Props. 2 and 3 as follows: \$41,400 and \$40,400. Contract has not been awarded.

NEW WESTMINSTER, B. C.—Court house addition and completion. Class A construction. Cost not stated. Architect's name not given. Owners, British Columbia. The Public Works Engineer, J. E. Griffith, of the Provincial Department of Public Works at Victoria, will receive bids until September 15th for erecting and completing an additional building and making additions to the present court house at New Westminster. Plans, specifications and full information can be had from the Government Agent, New Westminster and Vancouver, or at the Department of Public Works, Victoria, B. C.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Factory, 2 story and base. Class C construction, \$30,000. Architect, none. Owners, Moody Estate, Kohl Bldg., S. F. Contractors, H. H. Lasen & Bro., 68 Post street, S. F. Contract price, \$30,000. Note: This building will be occupied by the National Biscuit Co.

LOS ANGELES, CAL.—Laundry, 1 story and base, brick and steel, \$35,000. Architect, Fred A. Hale, 624 San Fernando street, L. A. Engineers, Hunter & Hudson, Rialto Bldg., S. F. Owners, Los Angeles Laundry Co. The building will be erected on Yale street, covering an area of 155 by 260 feet. Besides the several large work rooms the building will contain offices of the company. There will be a large amount of special machinery. A complete pumping plant will be installed. Metal window sash and frames and fireproof doors will be used. An automatic sprinkler system will be specified. Exterior of the building will be faced with sand lime brick. Plans are complete and figures are being taken.

Contracts Awarded.

SEATTLE, WASH.—Grain elevator, reinforced concrete, \$197,900. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, W. T. Butler Contracting Co., Central Bldg., Seattle. Contract price, \$197,900.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Detention home, 3 story and base. Class A construction, \$50,000. Architects, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. The first of a new group of buildings which will comprise the new Juvenile Detention Home will shortly be erected on West Mission street between Brady and 13th streets. The building will have a complete steel frame and brick exterior walls. There will be the main administration offices, dormitories, dining room and kitchen and private detention rooms. Interior partitions will be of hollow tile. Pine and hardwood finish will be used. Plans provide for steam heat and a hot water system. Exterior will be faced with pressed brick. The Board of Supervisors has appropriated \$50,000 for this work and next year will appropriate a like amount. Only preliminary plans have been prepared by the Department of Architecture. Further mention will be made of the work.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner, Dr. J. N. Powell. The building will be erected on the west side of 4th avenue south of Irving, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$4,500. Architect, Charles F. Mau, Macdonough Bldg., Oakland. Owner, F. W. Largesen. The building will be erected at the corner of 10th and Magnolia streets and has been designed to contain two modern flats of five and six rooms. There will be hardwood floors in the principal rooms. Interiors will be finished in pine and redwood. Open fire places will be used. Mantels will be of tile or brick. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GARAGES.

Contracts Awarded.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner, Col. Adolph Huber. Contractors, Camp & Carillon, S. F. Contract price not stated.

GOVERNMENT WORK & SUPPLIES.

Medford, Ore., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Medford, Ore.:

Bid 1. Fred A. Erixon, Salem, Ore.
2. Palmberg & Mattson, Astoria, Ore.

3. Welch Bros. & Hannaman, 5th and Jefferson streets, Oakland, Cal.
4. Wm. O'Neil & Son Co., Faribault, Minn.

5. Sound Construction & Engineering Co., 1009 Lowman Building, Seattle, Wash.

6. John Almeter, 309 Railway Exchange Building, Portland, Ore.

7. A. W. Kutsche, 307 Yeon Building, Portland, Ore.

8. King Lumber Co., Charlottesville, Va.

9. R. E. Campbell, Salt Lake City, Utah.

10. J. L. Murphy & Son, Charleston, Wash.

Proposal No. 1 (using limestone for all exterior stonework, except where granite is required)—Bid 1, \$100,882; 2, \$92,686; 3, \$92,697; 4, \$99,741; 5, \$76,780; 6, \$87,277; 7, \$75,645; 8, \$100,000; 9, \$88,600; 10, \$113,680.

Proposal No. 2 (using sandstone for all exterior stonework, except where granite is required)—Bid 1, \$99,882; 2, \$92,686; 3, \$92,697; 5, \$77,000; 6, \$87,177; 7, \$75,445; 8, \$99,400; 9, \$88,400; 10, \$113,680.

For alternate No. 1 (substituting Keene's cement for hard plaster on walls of all finished rooms throughout the building, as specified), add—Bid 1, \$715; 2, \$600; 3, \$600; 4, \$1,000; 5, \$1,762; 6, \$330; 7, \$325; 8, \$2,500; 9, \$1,200; 10, \$3,478.

For alternate No. 2 (painting all plastered surfaces of walls and finishing ceilings in distemper throughout the building, as specified), add—Bid 1, \$1,950; 2, \$2,500; 3, \$1,410; 4, \$2,500; 5, \$1,971; 6, \$2,080; 7, \$1,410; 8, \$2,400; 9, \$2,200; 10, \$3,500.

For alternate No. 3 (substituting concrete for the macadam driveway, as specified), add—Bid 1, \$321; 2, \$500; 3, \$278; 4, \$600; 5, \$242; 6, \$330; 7, \$400; 8, \$700; 9, \$400; 10, \$1,168.

For alternate No. 4 (substituting limestone or sandstone for face brick below the first floor level), add to proposal No. 1—Bid 1, \$1,187; 2, \$800; 3, \$4,640; 4, \$950; 5, \$754; 6, \$1,000; 7, \$750; 8, \$3,000; 9, \$900; 10, \$875.

Add to proposal No. 2—Bid 1, \$987; 2, \$800; 3, \$1,640; 5, \$921; 6, \$340; 7, \$600; 8, \$2,700; 9, \$800; 10, \$875.

For alternate No. 5 (substituting terra-zo for cement floors in lobby and postmaster's toilet, as specified), add—Bid 1, \$234; 2, \$800; 3, \$365; 4, \$1,000; 5, \$390; 6, \$470; 7, \$200; 8, \$1,000; 9, \$480; 10, \$598.

For alternate No. 6 (for alternate design of elevator inclosure, as specified), add—Bid 1, \$987; 2, \$4,000; 4, \$1,000; 5, \$1,528; 6, \$3,990; 7, \$4,000; 8, \$1,000; 9, \$1,400; 10, \$950.

For alternate No. 7 (for more elaborate finish in the courtroom, as specified), add—Bid 1, \$1,945; 2, \$3,000; 4, \$3,626; 5, \$1,470; 6, \$2,150; 7, \$2,400; 8, \$1,750; 9, \$2,500; 10, \$800.

For changes in lighting fixtures, as required by alternate No. 7, add—Bid 1, \$197; 2, \$275; 4, \$100; 5, \$250; 6, \$357; 7, \$50; 8, \$100; 9, \$180; 10, \$200.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 1, \$1,189; 2, \$1,550; 3, \$1,550; 4, \$1,850; 5, \$1,500; 6, \$1,437; 7, \$1,450; 8, \$1,200; 9, \$1,500; 10, \$1,600.

Fibre Conduit, Okanogan Project.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing fibre conduit, etc., for the Okanogan project:

Item 1, 400 feet 2-inch fibre conduit;
2, loricated conduit and fittings; 3, outlet boxes.

Pacific States Electric Co., Los Angeles, Cal., item 1, \$89.74; 2, \$54.91; 3, \$22.86; deliveries, item 1, San Francisco; 2 and 3, Seattle.

Holabird-Reynolds Electric Co., Los Angeles, Cal., item 2, \$54.65; 3, \$27.50; deliveries, Los Angeles.

Pierson, Roeding & Co., Los Angeles, Cal., item 1, \$89.74; at San Francisco.
H. W. Johns-Manville Co., Los Angeles, Cal., item 1, \$125; at Lakeport, N. Y.

T. P. Foster Co., Los Angeles, Cal., item 1, \$130; 2 days.

Denver, Colo., Mechanical Equipment.

As previously reported the contract for the mechanical equipment of the U. S. post office at Denver, Colo., was awarded to the Chris Irving Plumbing & Heating Co., Denver, Colo. In the prosecution of the work nonconducting coverings for heating and water piping manufactured by the Johns-Manville Co. will be used.

Astoria, Ore., Custom House.

As previously reported the contract for miscellaneous changes and installing hydraulic freight lift, pumping plant, etc., in the U. S. custom house, Astoria, Ore., was awarded to the Otis Elevator Co., Washington, D. C., at \$1,049. An additional contract amounting to \$1,023 has been made with this firm for constructing certain changes which were omitted in the first contract.

Eureka, Cal., Oil Plant.

The following bids were opened by the supervising architect, Treasury Department, Washington, D. C., for

an oil-burning plant for heating boiler in the U. S. post office and custom house at Eureka, Cal.:

Marine Iron Works, Eureka, Cal., \$1,751.50; 30 days.

S. T. Johnson Co., 1337 Mission street, San Francisco, Cal., \$910; time, October 25, 1914.

Fess System Co., San Francisco, Cal., \$995; no time.

T. P. Jarvis, 284 Mission street, San Francisco, Cal., \$1,300; 60 days.

Salt River, Earthwork.

The following bids were opened by the U. S. Reclamation Service, Phoenix, Ariz., for earthwork and structures, Wallace Peter Canal, Salt River project, Ariz.:

Item 1, 68,000 cu yds class 1 excavation; 2, 100 yds class 2 excavation; 3, 2,000 rods fence rebuilding; 4, 215 cu yds class 1 reinforced concrete; 5, 60 cu yds class 2 plain concrete; 6, 50 sq yds grouted paving; 7, 150 cu yds excavation for structures; 8, 16,450 ft erecting bridges; 9, laying 160 ft concrete pipe.

D. O. Johnson, Phoenix, Ariz., item 1, 12c; 2, 35c; 3, 25c; 4, 12c; 5, 35c; 6, 25c; 7, \$12; 8, \$9; 9, \$3; total, \$19,538.50.

Martin & Gillis, Tempe, Ariz., item 1, 11.9c; 2, 11.9c; 3, 40c; 4, 11.9c; 5, 11.9c; 6, 40c; 7, 19.60c; 8, \$15; 9, \$2.50; total, \$21,497.20.

W. H. Mason, Hornbrook, Cal., item 1, 16c; 2, 40c; 3, 50c; 4, 16c; 5, 40c; 6, 50c; 7, \$21; 8, \$20; 9, \$3; total, \$27,641.

Maney Bros., Boise, Idaho, item 1, 17c; 2, 40c; 3, 50c; 4, 17c; 5, 40c; 6, 50c; 7, \$9; 8, \$8; 9, \$3; total, \$25,351.

Grant Bros., Los Angeles, Cal., item 1, 12.5c; 2, 35c; 3, 50c; 4, 12.5c; 5, 35c; 6, 50c; 7, \$14.55; 8, \$14.03; 9, \$1.93; total, \$21,034.78.

George Tisdale, Prescott, Ariz., item 1, \$12.75c; 2, 60c; 3, 40c; 4, 12.75c; 5, 60c; 6, 40c; 7, \$17.50; 8, \$15; 9, 2; total, \$22,160.

Air Brake Switch.

Abstract of proposals received by U. S. reclamation service in connection with advertisement No. 323 for air brake switch for McQueen Well, Salt River project, Arizona, bids opened at Los Angeles, Cal.

Pacific Electric Mfg. Co., \$123.30; delivered San Francisco, Cal.; time, 15 days.

Grass Valley, Cal., Post Office.

An additional contract has been made with Welch Brothers, Grass Valley, Cal., for fireproof construction of the first floor and mezzanine and iron stairs in basement and to the mezzanine floor of the U. S. post office at Grass Valley, Cal. The contract price amounted to \$5,900.

Irrigation Service, Culverts.

The contract for furnishing corrugated metal culverts for use on the Grand Valley irrigation project, Colorado, has been awarded to the Hardesty Mfg. Co., Denver, Colo., at \$7,031.72.

Irrigation Service, Steel Pipes.

The contract for furnishing and erecting riveted steel pipes for the St. Mary's storage unit, Milk River irrigation project, Montana, has been awarded to Chicago Bridge & Iron Works, Chicago, Ill., at \$49,500.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Auditorium tile and marble work. Cost not stated. Architect, Supervising Architect, J. J. Donovan, Oakland. Owners, City of Oakland. Plans and specifications are complete for the marble and tile work for the Municipal Auditorium. Plans and specifications can be secured from the Supervising Architect. Bids will be opened on September 14th.

SAN MATEO, SAN MATEO CO., CAL.—Lodge hall and stores, 2 story and base, reinforced concrete, \$40,000. Architect, Will D. Shea, 244 Kearny street, S. F. Owners, San Mateo County Knights of Columbus Hall Association. The building has been mentioned here before when the architect was first commissioned to prepare plans. There will be three stores on the ground floor and large lodge rooms, assembly hall and offices on the upper floor. Interior of the second floor will be finished in pine and hardwood with a maple floor in the assembly hall. Plans provide for steam heat and vacuum cleaning. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Lodge hall, 2 story and base, brick and steel, \$25,000. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Westlake Lodge o Masons. Contractors, Huntsberger-Reed Construction Co., Van Nuys Bldg., L. A. Contract price, \$25,000.

HOSPITALS.

VENTURA, VENTURA CO., CAL.—Hospital, 2 story and base, brick. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Ventura County. The building will cover a ground area of 90 by 175 feet, and will contain the administrative section, dining room, kitchens, wards and about sixty rooms for private patients. An asylum will also be connected with the building. A separate building will house the heating system. Interior will be finished in pine and hardwood with pine and tile floors. There will be special plumbing. Steam heat is specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Plans and specifications can be secured from the architect.

SAN FRANCISCO—Library, 3 story and base, Class A construction, \$1,000,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, City and County of San Francisco. The Library Trustees have officially approved plans for the new building to be erected in the Civic Center as prepared by Architect George William Kelham. These plans will be submitted to the Supervisors for their approval. Construction cannot be started until the \$900,000 bond issue has been sold.

HOTELS.

SAN FRANCISCO—Hotel addition and alteration, brick, \$35,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owners, Normandie Hotel Co., William M. Wise, Jessee. The building at the corner of Gough and Sutter streets will undergo extensive

alterations and the frame dwelling adjoining it will also be altered and connected to the Normandie by an arcade. Included in the work will be new plumbing, painting, electric work, plastering and interior finish. Plans are now being prepared and figures will be called for as soon as working drawings can be completed.

LOS ANGELES, CAL.—Hotel and stores, 11 story and base, Class A construction. Cost not stated. Architect, John J. Frauenfelder, 1116 Story Bldg., L. A. Owner's name withheld. The building will be erected on East 5th street near Los Angeles, and will have a frontage of 50 feet by a depth of 150 feet. There will be two stores besides the hotel lobby on the ground floor and a total of 242 guest rooms with 153 baths on the upper floors. Plans provide for a complete steel frame, brick erected walls and hollow tile interior partitions. Interior will be finished in pine and hardwoods. There will be steam heat, oil burning equipment, freight and passenger elevators, a vacuum cleaning system, hot water supply and metal window sash and frames. Patent store fronts will be used. Bath rooms will be finished in tile. Exterior of the building will be faced with terra cotta and enameled pressed brick. Plans are now being prepared.

OAKLAND, CAL.—Hotel addition, 6 story and base, reinforced concrete, \$65,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, A. C. Aiken. The present one-story store building at the corner of 15th and Jefferson streets will be added to and the upper floors arranged for a modern hotel. The building will cover an area of 50 by 60 feet, and will contain a large number of single rooms and public baths. Interior finish will be of pine and redwood. There will be steam heat, elevator service and a hot water system. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster. A contract will be awarded to F. A. Muller, Syndicate Bldg., and he will let all subcontracts. Plans are complete and subfigures are being taken by Mr. Muller.

Contracts Awarded.

LODI, SAN JOAQUIN CO., CAL.—Hotel, 4 story and base, brick and steel, \$108,000. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owners, Lodi Hotel Investment Co. The following contracts have been awarded for the construction of the building: General construction, Ernest Green, Modesto; electric work, F. J. Wallace, Lodi; painting, J. L. Pickering, Lodi; plumbing, Henderson Bros., Lodi; plastering, P. J. Grauman, Stockton; marble work, J. L. Houghton, Fresno; tile work, H. C. Fisher, Stockton; steam heating, Hatley & Hatley, San Francisco; ornamental iron work, Builders' Iron Works, Stockton; face brick, moulded brick and terra cotta, Gladding-McBean, San Francisco, and elevator work, Otis Elevator Co., San Francisco.

LIBRARIES.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Library, 2 story and base, Class A construction, \$50,000. Architect, Francis W. Wilson, 717 1/2 State street, Santa Barbara. Official approval has been given the design

prepared by Architect Wilson for this building and working drawings will be prepared at once. The building will contain two large reading rooms besides a separate children's room, office of the librarian and stock room. Interior will be finished in pine and hardwoods with maple floor. There will be steam heat and vacuum cleaning. Metal book shelves will be used. Exterior of the building probably will be faced with pressed brick. Plans are being prepared.

PANAMA—PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Telephone exchange. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are now being called for in installing a telephone exchange in the Food Products Building at the Exposition Grounds. Plans and specifications can be secured from the Director of Works. Bids will be opened on September 11th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Marine Gardens cafe, 1 and 2 story, frame and plaster, \$35,000. Architect, Charles Paff & Co., Merchants Exchange Bldg., S. F. Owners, Marine Gardens Cafe Co. The building will be erected in the concessions section of the Exposition Grounds, and has been arranged for two separate cafes for ladies and gentlemen and a larger cafe for both. There will be complete kitchen equipment. Interior will be finished in pine and ornamental plaster. Special kitchen equipment will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work is now being done by Day Labor.

SAN FRANCISCO—State exhibit building, 1 story, frame and plaster, \$20,480. Architect's name not given. Owners, State of Arkansas, Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$20,480. Note: The contract price does not include the lumber which will be furnished by the owners.

Contracts Awarded.

SAN FRANCISCO—Association building, 2 story, frame and plaster, \$25,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. Contractor, John Monk, S. F. Contract price, \$25,000.

POST OFFICES.

SAN FRANCISCO—Public lighting fixtures. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened in Washington, D. C. on September 21st for installing lighting fixtures in the United States public buildings in the following cities: San Francisco, Minneapolis, Minn.; Muskogee, Okla.; and Boston, Mass. Plans and specifications can be secured from the Supervising Architect.

PORTLAND, ORE.—Post office, 4 story and base. Class A construction, \$1,000,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, United

States Government. Competitive plans submitted by Architect Hobart have been approved for the new Federal Building to be erected at Portland. Four other San Francisco firms and one Portland firm were invited in the competition. The building will be of fire-proof construction and will contain the Federal offices and the post office. The design is in the classic style. Only preliminary studies have been made and complete details are not as yet available. Further mention will be made of the work.

MEDFORD, ORE.—Post office, 1 and 2 story and base, semi-fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. A. W. Kutsche, 317 Yvon Bldg., Portland, Ore., submitted the lowest figure for constructing the new Federal building at Medford, and will probably be awarded the contract although official action has not been taken. His bid was \$75,645 for limestone and \$75,445 for sandstone.

RAILROAD CONSTRUCTION AND EQUIPMENT.

RICHMOND, CONTRA COSTA CO., CAL.—Railroad station, 1 story, brick. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Bids will be taken at once for constructing the new Southern Pacific passenger depot at Richmond. Plans have been changed from a frame and plaster structure to a brick building with plastered exterior walls. About \$10,000 will be expended in construction. A freight depot and extensive track work will also be put in.

HIGHLAND, SAN BERNARDINO CO., CAL.—Railroad construction. Cost not stated. Engineer, Chief Engineer Pacific Electric Co., L. A. Owners, Pacific Electric Co. The Pacific Electric Railroad has announced that it will extend its lines into the rich citrus fruit section around Highland. New lines will be built to the packing houses and the old Highland-San Bernardino line will be constructed. This territory has formerly been in control of the Santa Fe Railroad exclusively.

YUBA CITY, YUBA CO., CAL.—Railroad construction. Cost not stated. Engineer's name not given. Owners, Dairy Farm Railroad Co., Yuba City. The Dairy Farm Railroad, operating out of Yuba City, has been granted a right of way through Reclamation District 1601 in Yuba County.

TRUCKEE, NEVADA CO., CAL.—Snow shed construction, \$70,000. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The S. P. Co. is replacing seven thousand feet of snow sheds in and around Truckee. The company will spend in the neighborhood of \$70,000 on the work.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, J. Sheehan. The dwelling will be erected in Sea Cliff Terrace, and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms.

Bath will have tile wainscot and composition floor. An automatic water heater will be installed. Mantels will be of tile. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

SAN FRANCISCO—Residence, 2 story and base, frame and plaster. Cost not stated. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner's name not given. The dwelling will be erected in St. Francis Wood. The first floor will be arranged for a living room, a reception hall, which will open into the living and dining rooms, kitchen, pantry and servants' hall. Upper floor will consist of owner's chamber, son's room and servants' rooms. The three principal chambers will have baths and private dressing rooms. Basement will contain a large billiard room. A garage will be erected in the rear of the lot. An automatic water heater will be installed. Interior of the house will be finished in hardwood with hardwood floors throughout. Brick or tile mantels will be specified. A vacuum cleaning system will also be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 1½ story and base, frame. Cost, \$10,000. Architect, Henry H. Gutterson, 80 Post street, S. F. Owner, Duncan McDuffie. The dwelling will be erected in St. Francis Wood, and has been designed to contain nine rooms, seven on the first floor and two on the upper floor. Interior will be finished in hardwood and redwood. Hardwood floors will be used in the principal rooms. There will be three baths, all of which will be equipped with showers. There will be furnace heat and open fire places. Mantels will be of brick. Roof will be covered with tile shingles. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being figured.

SAN FRANCISCO—Residence, 2 story and base, frame and plaster, \$13,000. Architect, Frederick Boese, 45 Kearny street, S. F. Owner, George A. Clough. The dwelling will be erected on the south side of Francisco street just east of Hyde street. Interior will be finished in pine. Baths will have tile floors and will be equipped with showers. Mantels will be of tile or brick. An automatic water heater will be installed. Hardwood floors will be used in the principal rooms. Exterior of the building will be covered with metal lath and plaster. Plans are now being figured.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Oscar Heyman & Bro. The dwelling will be erected on Lincoln Way near 24th avenue and has been designed to contain seven rooms with bath. Interior will be finished in pine with gum in the living and dining rooms. Floors will be of pine and hardwood. Bath will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. The work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Hanson Walton, S. F. The dwelling will be erected on the west side of 28th avenue south of Cle-

ment street, and has been designed to contain six rooms with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living and dining rooms and reception hall. Mantels will be of brick. Modern plumbing will be installed. Plans are complete and the work will be done under the Day Labor system.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. The dwelling will be erected at the northeast corner of Fulton and 4th avenue, and will contain in the neighborhood of nine rooms and two baths. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, J. M. Peters, S. F. The dwelling will be erected on 19th avenue south of California street, and will contain six rooms and bath. Interior will be finished in pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Exterior of the dwelling will be covered with rustic and metal lath and plaster. The work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Miss Margaret Little. The dwelling will be erected in Northbrae, and has been designed to contain seven rooms with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are now being figured.

OAKLAND, CAL.—Residence, 1 story, frame, \$3,500. Architect, C. C. Dakin, First National Bank Bldg., Oakland. Owners, Oakland Home Corporation, Oakland. The dwelling will contain eight rooms, and will be erected at the southwest corner of Brookdale avenue and Bartlett street. Interior will be finished in pine. Hardwood floors will be used in the principal rooms. Mantels will be of brick or tile. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame and plaster. Cost not stated. Architect, Geo. W. Patton, 2126 Emerson street, Berkeley. The dwelling will be erected in North Crummett, Berkeley, and will contain in the neighborhood of seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Bath will have tile wainscot and composition floor. Mantel will be of tile or brick. There will

be furnace heat and open fire places. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

OAKLAND, CAL.—Residence, 1 story, frame and plaster, \$5,000. Architect, Chas. F. Mau, Macdonough Bldg., Oakland. Owner, Mrs. B. W. McIntosh. The dwelling will be erected on east Last Shore and Santa Ray avenues, and will contain eight rooms and two baths. Interior will be finished in pine and hardwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

SACRAMENTO, CAL.—Residence, 2 story and base, frame and plaster, \$2,500. Architect, none. Owner, H. M. Earle, 3028 Magnolia avenue, Sacramento. The dwelling will be erected on lot 306 in Boulevard Park, and will contain six rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2½ story and base, reinforced concrete, \$20,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on 32nd avenue in the West Clay Park tract and has been designed to contain ten rooms, three baths and sleeping porch. A garage will also be erected on the property. Interior of the house will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably furnace heat. Open fire places and tile mantels will be used. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling and garage will be faced with cement plaster. Plans are being figured.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$3,000 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These dwellings will be erected on the north side of Parnassus avenue west of Hill street and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,500. Architects, J. E. Kraft & Sons, Pheland Bldg., S. F. Owner, Henry Connahrens. The dwelling will be erected in St. Francis Wood and has been designed for a seven-room house with two baths and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. There will be furnace heat and open fire places. Man-

tels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. There will be an automatic water heater. The wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Architectural Designers, First Trust Bldg., Oakland. Owner, C. Haws. The dwelling has been designed for a six room house and will be erected on McGee street. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile mantels. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, W. M. Lewis, 240 South 16th street, San Jose. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile mantel. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architect, Ernest J. Kump. The dwelling will be erected on a country estate about five miles out of the city of Fresno and has been designed in the Mission style. There will be in the neighborhood of twelve rooms, several baths and sleeping porches. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. A central heating system will be installed. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and work will shortly be started.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$20,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Mrs. M. Wiley. The dwelling will be erected in Lafayette Square and has been designed to contain fourteen rooms and four baths. Interior finish will be of pine, redwood and hardwoods with white enamel in the chambers. Hardwood floors will be used in the principal rooms. A central heating system will be installed. All bath rooms will be finished in tile and equipped with showers. Open fire places with tile mantels will be used. Art glass is specified. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof is specified. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and plaster, \$30,000. Architects, Morgan, Walls & Morgan, Van Nuyes Bldg., L. A. Owner, Mrs. L. J. H. Hastings. The dwelling will contain fourteen rooms and four baths. A location has not yet been selected. Interior of the dwelling will be finished in pine and hardwoods with white enamel in the

chambers. Hardwood floors will be used in the principal rooms. There will be a central heating plant, probably hot water. Bath rooms will be finished in tile. Exterior of the house will be faced with cement plaster. Plans are now being prepared.

SACRAMENTO, CAL.—Residences, 1 story, frame. Cost not stated. Architect, none. The following Day Labor jobs are about to be started in Sacramento: R. S. Mackey, 2305 E street, 1 story frame dwelling, \$1,600, and C. Valine, 2417 15th street, Sacramento, 1 story frame, \$1,000.

SCHOOLS.

FOLSOM, SACRAMENTO CO., CAL.—School, 1 story and base, hollow tile construction, \$30,000. Architects, Geo. C. Sellen and Alden W. Campbell, 1005 K street, Sacramento. Owners, Folsom School District. The building has been designed in the Mission style and will contain eight class rooms and a large assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, probably a plenum system. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 16th. Plans and specifications can be secured from the architects.

BURLINGAME, SAN MATEO CO., CAL.—School, 1 story and base, frame and plaster, \$25,000. Architects, Thomas Edwards and F. L. Norberg, Bank Bldg., San Mateo. Owners, Burlingame Meadows School District. The building will contain eight rooms and office. Interior will be finished in pine with maple floors in the class rooms. A plenum system of heating will be installed. Exterior of the building will be covered with cement plaster on metal lath. A metal tile roof will be used. Plans are complete and figures are being taken. Bids will be opened on September 15th. Plans and specifications can be secured from the architects.

RICHMOND, CONTRA COSTA CO., CAL.—School, 1 story and base, brick or hollow tile construction, \$50,000. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Richmond School District. The building will be erected on Main street and has been designed for a twelve-room school with a large assembly hall, teachers' room and principal's office. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern school plumbing. Vacuum cleaning and program clocks will be installed. The School Board are considering both the brick and interlocking types of construction, and figures will be taken both ways. Exterior of the building will be faced with pressed brick or cement plaster. Bids are now being taken.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete, \$43,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church Congregation. The building will be erected at the corner of 14th and Taylor streets and has been designed for a Sunday school building. The building will cover an

area of 100 by 60 feet with club rooms on the first floor. Upper floor will contain a number of class rooms and an assembly hall seating 600 people. Interior will be finished in pine throughout. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are being completed and figures will be called for shortly.

ATHENA, ORE.—School, 2 story and base, brick, \$35,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Athena School District. The building will cover an area of 78 by 128 feet and has been designed to contain ten class rooms, gymnasium and an auditorium seating 500 people. Interior will be finished in pine with maple floors in the class rooms. Furnace heat will be installed and modern plumbing. Plans provide for program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

ROSEVILLE, PLACER CO., CAL.—School, 1 story and base, reinforced concrete, \$11,900. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Roseville School District. Contractor, Harvey A. Klyce, S. F. Contract price, \$11,500.

BUENA VISTA, TULARE CO., CAL.—School, 1 story, frame and plaster, \$12,000. Architect's name not given. Owners, Buena Vista School District. Contractor, L. F. Pratt, Tulare. Contract price, \$10,354.

NORTH SACRAMENTO, CAL.—Schools, 2, 1 story frame. Cost not stated. Owners, North Sacramento School District. Contractors, Wall & Parker, Sacramento. Contract prices, \$1,500 and \$5,000.

FRESNO, FRESNO CO., CAL.—School heating. Cost not stated. Architect, W. D. Coates, Fresno. Owners, City of Fresno. Contractors, Robert Dalziel, Jr., Co. S. F. Contract price, \$3,235.

SEWERS, STREET WORK & WATER SYSTEMS.

CALIFORNIA—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Bids were opened by the State Highway Commission on August 31st for the construction of highways in the following counties: Orange, Los Angeles, Kern, San Luis Obispo, Santa Barbara, Yuba and Colusa. All bids were taken under advisement. A complete list of bids together with the engineer's estimate and the materials furnished by the State will be found under the heading of Stockton, Sacramento and Northern California in this issue.

RICHMOND, CONTRA COSTA CO., CAL.—Elevated sidewalk work. Cost, \$5,000. Engineer, City Engineer, Richmond. Owners, City of Richmond. The Richmond City Council has instructed the City Engineer to secure bids for constructing an elevator sidewalk at the subway on Sixteenth street. The work will be of concrete and has been estimated to cost \$5,000.

SAN MATEO, SAN MATEO CO., CAL.—Storm water sewers. Cost not stated. Engineer, City Engineer. Owners, City of San Mateo. A resolution of intention has been passed by the San Mateo City Council for the construc-

tion of a concrete box storm water sewer with brick manholes to be constructed between San Mateo and Burlingame. Bids on this work will be called at once.

SEATTLE, WASH.—Highway construction. Cost not stated. Engineer, City Engineer, Seattle. Owners, Port of Seattle. The proposal of Gen. Chittenden, of the Port of Seattle Commission, to construct a highway from the business district to Lake Washington has been considered by city officials here. Four schemes, varying in cost from \$687,000 to \$1,840,000. The first scheme calls for a 1,800 foot tunnel, 25x40 feet with a terminus at 35th avenue. It would have two tracks with an elevated track for foot traffic. This would cost approximately \$1,840,000. The second scheme calls for a tunnel 25x60 and to cost \$637,000. Schemes 3 and 4 would cost in the neighborhood of \$800,000 and \$950,000.

RED BLUFF, TEHAMA CO., CAL.—Street paving. Cost, \$3,600. Engineer, City Engineer. Owners, City of Red Bluff. An additional contract for street paving in this city has been awarded by the City Council to the Chico Construction Company.

MODESTO, STANISLAUS CO., CAL.—Concrete flume, reinforced concrete, \$55,000. Engineer, Chief Engineer, Modesto Irrigation District, Modesto. Owners, Modesto Irrigation District. The Board of Directors of the Modesto Irrigation District have accepted plans and specifications prepared by the Commonwealth Engineering Company for sewer pumping plant. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Plans for constructing a discharge pipe for sewer pumping plant No. 2, located on Franklin avenue for a reinforced concrete flume to be built at Gasburg. It will be 720 feet in length and will cost \$55,000.

FRESNO, FRESNO CO., CAL.—Disinfection, have been completed. Bids are now being taken and will be opened by the City Council on September 15th. Plans and specifications can be secured from the City Clerk.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Plans are complete and figures are being taken for constructing a vitrified ironstone pipe sewer with brick manholes along certain streets in Santa Cruz. Bids will be opened on September 14th. Plans and specifications can be secured from the City Clerk.

SAN JOSE SANTA CLARA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, San Jose. Bids will be opened on September 14th at 5 o'clock for street paving in San Jose. Plans can be secured from the City Clerk.

POCATELLO, IDAHO—Sewer construction. Cost not stated. Engineer, City Engineer, Pocatello. Owners, City of Pocatello. Bids will be opened on September 17th for constructing sanitary sewers in Pocatello. The work will require 36,535 feet of pipe and ditch, 1,520 feet of 48-inch sewer, 1,120 feet 42-inch sewer, 5,400 feet 30-inch sewer, 820 feet 8-inch sewer. Vitrified catch basins and laterals will be used. The larger sewers will be of concrete pipe. There will be 22 catch-basin covers and 46 manholes. Plans and

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specifications can be had from the Mayor.

HOOD RIVER, ORE.—Highway con-

Contracts Awarded.

struction. Cost, \$57,758. Engineer, County Surveyor. Owners Hood River County. The contract for the construction of highways in Hood River County has been awarded to the Newport Land and Construction Company of Hermiston Ore., on their bid of \$57,758. Fourteen bids were received, ranging from \$57,758 to \$74,370. Work will start in sixty days.

STORES AND OFFICES.

SAN FRANCISCO.—Undertaking parlors, 1 story and base, frame and plaster. Cost not stated. Architect, Carl Gelfuss, 46 Kearny street, S. F. Owner's name withheld. Working drawings are practically completed for the largest undertaking establishment in the city. The building is designed in the classic style with a large center pediment and ionic columns and will be trimmed with marble. Interior is arranged for five chapels, three of which will be 27 by 33 feet, one 31 by 17 feet and one 22½ by 31 feet. General offices, private office, attendants' quarters and morgue, ladies' parlor and show room. Interior will be finished in natural woods except the morgue which will have tile floor and walls. Each chapel will have a large art glass dome. The exterior will be covered with cement plaster.

SAN FRANCISCO.—Loft addition, 1 story, Class C construction. Cost not stated. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owner, Otto Kertz. The addition will be made to a one-story building on Stevenson street between 5th and 6th streets. New portion will be used for a loft. Interior will be finished in pine. There will be metal window sash and frames. Exterior of the building will be faced with stock brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO.—Assembly hall, 1 story brick addition, \$10,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, J. P. Troulet. An additional story will be erected to the store building now building on the south side of Sutter street west of Larkin. The upper floor will be used for an assembly hall. Interior will be finished in pine and redwood. A maple floor will be used. Modern plumbing and steam heat will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Office, 1 story, frame, \$4,000. Architect, none. Owner, W. E. Whalin, Bacon Bldg., Oakland. An addition of six offices will be made to the one-story frame building at the northeast corner of 24th and Broadway. Interior of the offices will be finished in pine throughout. Exterior

will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story and base, brick and reinforced concrete, \$10,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cohn Bros. The building will be erected on Alcatraz east of Adeline, covering an area of 78 by 60 feet. There will be five stores, all of which will have plate glass windows in patent store fronts. Interiors will be finished in pine and hardwood veneer. Some tile floors will be used. There will be marble wainscot. Exterior of the building will be faced with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Store alterations, brick construction, \$10,000. Architect, William Wilde, 1725 Broadway, Oakland. Owners, Athens Hotel. The ground floor of the building will be altered and five stores put in. There will be patent store fronts and plate glass windows. Interior finish will be of pine and hardwood. Marble and tile wainscot will be used. Plans are now being prepared. Further mention will be made of the work when ready for figures.

SAN JOSE, SANTA CLARA CO., CAL.—Fire escapes, seven buildings. Cost not stated. Architect, none. Owners as follows. Fire escapes have been ordered placed on the following buildings in the city of San Jose: St. John, Oakland, Bristol and Menlo rooming houses, the Hotel Vendome, the Odd Fellows Building and Heald's Business College.

YUBA CITY, SUTTER CO., CAL.—Store, 1 story and base, reinforced concrete, \$10,000. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Diamond Watch Co. The building has been designed for a large drygoods store. Interior will be finished in pine. The ceiling will be 20 feet high and a mezzanine floor will probably be constructed. There will be patent store fronts. Exterior will be faced with cement plaster. Plans have been turned over to the owners who will do the work by Day Labor. Materials are now being purchased.

SEATTLE, WASH.—Lofts, 9 story and base, reinforced concrete, \$850,000. Architect, George C. Nimmius, People's Gas Building, Chicago. Owners, Sears-Roebuck Co. This company is about to construct a nine-story building at the corner of First avenue and Utah street, covering a large ground area. Construction will be fireproof. Plans have been completed by the architect and have been forwarded to Seattle for figures. Details of the building have not been made public, but it is stated that bids will be called for at once. The date for opening figures has not been set. Further mention will be made of the work later.

Contracts Awarded.

SEATTLE, WASH.—Lofts, 3 story and base, reinforced concrete, \$60,000.

Architect's name not given. Owners, The Black Mfg. Co., Seattle. Contractor, D. H. Hoffman, Haight Bldg., Seattle. Contract price, \$60,000. Note: The contractor is now taking subfigures on the work.

THEATRES.

Contracts Awarded.

SALINAS, MONTEREY CO., CAL.—Theatre, 1 story and base, reinforced concrete. Cost not stated. Architect, William Binder, Rea Bldg., San Jose. Owners, H. P. Brown & Son. Contractor, Ratke, Gilroy. Contract price not stated.

UP AND DOWN THE COAST.

FALL RIVER MILLS, Shasta Co., Cal.—Fourteen land owners on the west side of the Fall river are making legal publication of a petition asking the Supervisors to call an election that they may vote to form the Fall River Valley West Side District on September 7th. It is proposed to irrigate the land, most of it in the vicinity of Glenburn, by pumping water from Fall river with electric power and then diverting it over the land through ditches and canals. The point of diversion is named in the petition as being Section 30, Township 38, North Range 4 East.

WEAVERVILLE, Trinity Co., Cal.—Residents of this county are preparing a petition to present to Congress asking for an appropriation to locate and construct a highway in the Trinity National Forest. The proposed road would pass over the "Burrell Survey" and would be about forty-seven miles in length. The petition represents that the proposed route would connect the present road system of Northern California and provide the State with a cross country road.

RICHMOND, Contra Costa Co., Cal.—City Engineer Chapman has been instructed by the City Council to prepare plans and specifications for the improvement of Seventh street to Lucas avenue. A resolution of intention has been passed instructing the City Engineer to prepare plans and specifications for the improvement of Sixteenth street from Ohio street to Cutting Boulevard.

SANTA ROSA, Sonoma Co., Cal.—Building Inspector Charles B. Kotes reports that during the month of August twenty-four building permits were issued representing an expenditure of \$12,868.

CALEXICO, Imperial Co., Cal.—County Surveyor C. N. Perry has a force of men at work on the survey of the sand hill route from Holtville to Yuma. The stretch of three miles will occupy about three weeks in which to be completed with a plank road.

SANTA CRUZ, Santa Cruz Co., Cal.—The City Council has decided to call a special election and put it to the people to decide whether they are willing to have bonds issued to construct a reinforced concrete bridge across the San Lorenzo river at Soquel avenue. The bridge, if constructed, will cost in the neighborhood of \$50,000. A petition bearing 600 names has been placed in the hands of the commissioners asking that the matter be submitted to the people.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 566—Proposals for Furnishing and Erecting Structural Steel for the Cristobal Coaling Plant Wharf Structure.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m., September 21, 1914, which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 867) may be obtained from this office or the offices of the assistant purchasing agents, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WHARF AND SHED

WHARF AND SHED—Sealed proposals indorsed "Proposals for Wharf and Wharf shed" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 21, 1914, and then and there to be publicly opened, for wharf and wharf shed at the navy torpedo station, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, September 21, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Chambers Cottage, Napa State Hospital, Napa, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on and after the opening of the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Chambers Cottage, Napa State Hospital, Napa, California."

(Signed) W. F. McCLURE, State Engineer. (*)

Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, September 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as the Agnew Cottages for Males, Agnew State Hospital, Agnew, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Temporary Cottages for Males, Agnew State Hospital, Agnew, California."

(Signed) W. F. McCLURE, State Engineer. (*)

Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, September 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as "Hospital Cottage" and "Typical Cottages Nos. 1 and 2," California School for Girls, Ventura, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Hospital Cottage and Typical Cottages Nos. 1 and 2," California School for Girls, Ventura, California."

(Signed) W. F. McCLURE, State Engineer. (*)

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 867—Proposals for Steel Angles and Plates, Rivets and Bolts, I Beams and Channels, Soft and Cold Rolled Steel, Steel Plates, Tool Steel, Frogs, Switches, Steel Rails, Track Bolts, Tie Plates, Nut Locks, Suts, Rivets, Boat Spokes, Washers, Reamers, Pipe Cutters, Files, Nails, Wire Rope, Chain, Locomotive Tires, Brass Nuts, Brass Screws, Corrugated Roofing, Special Bronze Paint, White Wash Brushes, Water Coolers, Card and Tag Board, Index Cards, Scratch Pads, Ledger Paper, Sand-

paper, Manganese Dioxide, Potassium Chlorate and Switch Ties.—Sealed proposals will be received at the office of the Panama Canal, Washington, D. C., until 10:30 a. m., September 14, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 867) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR QUAY WALL.

QUAY WALL—Sealed proposals, indorsed "Proposal for Pile and Lumber Work for Reconstructing Quay Wall," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., September 9, 1914, and then and there publicly opened, for pile and lumber work for reconstructing quay wall at the navy yard, Mare Island, Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard named H. R. STANFORD, chief of bureau.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 10 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of September, 1914, for doing the following public work, including the furnishing of the necessary labor and materials therefor to wit:

The construction of a tunnel with approaches and appurtenances thereunder the elevation known as the Twin Peaks Ridge in the City and County of San Francisco.

Progressive payments will be made. Said work must be done in accordance with the plans and specification on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$500,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL

TELEPHONE EXPOSITION. SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 215, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Friday, September 11th, 1914, for Constructing Telephone Exchange and Products Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, said amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR LIGHT FIXTURES.

LIGHT FIXTURES—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received here until September 21, 1914, for installing light fixtures in the U. S. public buildings at Minneapolis, Minn.; Muskogee, Okla.; Boston, Mass., and San Francisco, Cal. For further information address the supervising architect.

WHAT AND WHERE ARGENTINA BUYS AND SELLS.

A foreign trade of nearly a billion dollars a year is enough to make the exporters and importers of the United States sit up and take notice of any country, and Argentina crowded that figure last year. To be a bit more exact, it was about \$880,000,000. That is nearly \$125 per capita. The foreign trade of the United States is about \$44.20 per capita. Evidently Argentina is some trading nation, and the questions What and from whom does that country buy? and what and to whom does it sell? are just now of peculiar importance. This Pan-European war is stirring up the business interests of the United States as they have never been stirred before, and they want to know a number of things.

In this connection the Pan American Union, Washington, D. C., publishes in the July number of its Monthly Bulletin a detailed review of the commerce of Argentina for 1913 which reveals some very important facts. For instance, we find that in textiles, including manufactures of silk, wool, cotton, and other fibres, Argentina imported nearly \$90,000,000 worth; iron, steel and manufactures thereof, to the value of \$50,000,000; railway cars, automobiles, and other vehicles, worth over \$37,000,000; earths, stone, coal, etc., nearly \$37,000,000; building materials nearly \$36,000,000; and food products \$35,000,000. These are but six of the

Who sold Argentina the goods? The 19 major classifications given in detail, following are the amounts in round numbers of the imports from each of the leading six countries, given in Argentine dollars and an Argentine dollar is worth about 97 cents in United States money: From the United King-

dom (Great Britain not including Canada, Australia, or other possessions) \$130,900,000; Germany, \$71,000,000; United States, \$62,000,000; France, \$38,000,000; Italy, \$35,000,000; Belgium, \$22,000,000. Of the total imports the United Kingdom furnished 31.1 per cent; Germany, 16.9 per cent; United States, 14.7; France, 9; Italy, 8.3; Belgium, 5.2. In other words over 34 per cent of Argentina's imports in 1913 came from four of the European countries now busily engaged in trying to exterminate one another.

The second question, What and to whom does the country sell? is about as important as the first. If Argentina can't sell her products she can't get the money to buy. That's a pretty plain proposition. Now, what does she sell? Preeminently food products, needed just now by the warring nations as perhaps never before. Last year Argentina sold over \$200,000,000 worth of agricultural products, consisting principally of corn, \$112,000,000; wheat, \$102,000,000; linseed, \$50,000,000; oats, \$20,000,000; barley, \$1,000,000; rye, \$567,000; potatoes, fruits, hay, etc. In smaller quantities.

Of live animals and meat products she sold \$166,000,000 worth. Of frozen beef over 321,000 tons went to the United Kingdom; 3,415 tons to Italy; 2,832 tons to the United States; and 767 tons to France. Of frozen mutton 45,131 tons went to the United Kingdom; 254 tons to France, and 245 tons to the United States.

Food products like those mentioned will be in such demand that ways and means will be found to transport them to Europe, and if there should be any surplus doubtless the United States will be glad to be a larger purchaser. Other products, however, may not be so easily disposed of. For instance, of the exports of salt cattle hides, over 30,000 tons went to Germany; 14,000 to the United Kingdom; 11,000 tons to the United States; 7,000 tons to Belgium, etc. Of flint cattle hides, nearly 11,000 tons went to the United States; 4,300 tons to Germany; 2,650 tons to Italy; over 1,300 to Belgium, etc. Of unwashed wool over 46,000 tons went to Germany; 37,000 tons to France; 18,500 tons to the United Kingdom; 10,000 tons to Belgium and 8,900 tons to the United States. Quebracho logs and Quebracho extract (for tanning purposes) were exported to the amount of about \$10,000,000. The question for the consumers of such products as these in the United States will be how much of them can this country buy? The greater the imports into the United States from Argentina, the greater will be the amount of exports to that country. Both sides of the question must be considered.

BUILDING CONSTRUCTION SINCE FIRE SHOW HEALTHY FIGURES.

From May, 1906, to August 31st, 1914, Report Shows \$257,920,309 Invested in Building Construction.

An interesting report showing what building construction has been carried on throughout the city and county since the conflagration of 1906, has been prepared by the Bureau of Building Inspection of the Board of Public Works.

The report shows that since May, 1906, to August 31st, 1914, there were

Nearest to Everything



POWELL ST. AT O'FARRELL

Best located and most popular hotel in the City; circulating ice water in every room.

Especial attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

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51,864 buildings erected at an estimate cost of \$257,920,309. This amount does not include construction of city railways, sewer work, street improvements and tunnels and does not include work done by the United States Government in the construction of docks, schools, etc., or work undertaken by the State Board of Harbor Commissioners.

From May, 1906, to August 31st, 1914, the report shows there were 173 Class "A" buildings erected at an expenditure of \$33,287,654; 199 Class "B" buildings at \$14,679,186; 2747 Class "C" buildings at \$81,741,818; 25,341 frames at \$96,333,536; 23,335 alterations at \$18,240,175; 61 Exposition Buildings at \$9,360,277, and 8 public buildings at \$1,277,663, making a total of 51,864 buildings at an estimate cost of \$257,920,309.

REDDING, Shasta Co., Cal.—Surveyors for the Anderson-Cottonwood Irrigation District have practically decided that the water that is to irrigate 74,000 acres of land down the valley will be diverted from the Sacramento river near the head of Pine street at what is commonly known as the wheel ditch. It has also been decided that it would be cheaper and better to dig a canal under Redding than to dig a canal on the sidehill around the city. The canal tunnel will be 2,200 feet long and 80 feet by 6 feet in size, to carry the requisite amount of water. The tunnel, it is thought, will be cemented. The lower end of the tunnel-canal will be near the west end of the free bridge, and from that point down the valley the aqueduct will be an open canal.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

TELEPHONE EXCHANGE—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are now being called for installing a telephone exchange in the Food Products Building at the Exposition Grounds. Plans and specifications can be secured from the Director of Works. Bids will be opened on September 11th. An official proposal appears in another column of this issue.

MARINE GARDENS CAFE—1 and 2 story, frame and plaster, \$35,000. San Francisco. Architect, Charles Paff & Co., Merchants Exchange Bldg., S. F. Owners, Marine Gardens Cafe Co. The building will be erected in the concessions section of the Exposition Grounds, and has been arranged for two separate cafes for ladies and gentlemen and a larger cafe for both. There will be complete kitchen equipment. Interior will be finished in pine and ornamental plaster. Special kitchen equipment will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work is now being done by Day Labor.

APARTMENT HOUSE—6 story and base, brick and steel or reinforced concrete. Cost not stated. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Powell street in the Fifty Varc District, and will command an excellent view of the entire city and bay. There will be six apartments in the building, each containing seven rooms. The living and dining rooms will be connected by a reception hall. Each apartment will have three chambers, each with a private dressing room and bath. Interiors will be finished to suite the individual taste of the tenants. Plans provide for steam heat, elevator service, electric dumb waiters, hot water system and vacuum cleaning. All bath rooms will be finished in tile. Exterior of the building will be faced with glazed terra cotta. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 1011 Hyde street, S. F. The building will be erected at the northwest corner of Hyde and Pine streets, covering an area of 37½ by 87½ feet. There will be 21 apartments arranged in two and three room suites. Interiors will be finished in pine with some elm panels. There will be steam heat, elevator service and a hot water supply. Wall hds will be used. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner

who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on Van Ness avenue near the Exposition Grounds, and will cover an area of 30 by 90 feet. There will be six suites of three rooms and six of two rooms. Interiors will be finished in pine with some elm panels and oak floors. All apartments will have wall beds and private baths. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. Tile and marble will be used in the entrance vestibule. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

PIER, BULKHEAD AND SHED—Creosote pile and timber construction, \$204,300. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids opened for the construction of Pier No. 37 together with the adjoining bulkhead wall and pier shed were opened by the Board of Harbor Commissioners on September 3rd. Healy-Tibbitts Construction Co., S. F., submitted the lowest figure at \$204,300 and will be awarded the contract. Four other sets of figures were submitted. A complete list of the bids will be found under the heading of San Francisco in this issue.

CITY HALL CARPENTRY WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened at the regular Wednesday meeting of the Board of Public Works for the carpentry and mill work in the new City Hall show Monson Bros. low on all three propositions as follows: (1) \$10,768, (2) \$156,818 and (3) \$197,768. A complete list of the bids received for this work will be found under the heading of San Francisco in this issue.

CITY HALL ELEVATOR WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened for furnishing and installing the elevator equipment in the new City Hall show Otis Elevator Co. low on Prop. 1 at \$59,755 and the Van Emon Elevator Co. low on Props. 2 and 3 as follows: \$11,400 and \$10,400. Contract has not been awarded.

DETENTION HOME—3 story and base. Class A construction, \$50,000. San Francisco. Architects, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. The first of a new group of buildings, which will comprise the new Juvenile Detention Home, will shortly be erected on West Mission street, between Brady and 13th streets. The building will have a complete steel frame and brick exterior

walls. There will be the main administration offices, dormitories, dining room and kitchen and private detention rooms. Interior partitions will be of hollow tile. Pine and hardwood finish will be used. Plans provide for steam heat and a hot water system. Exterior will be faced with pressed brick. The Board of Supervisors has appropriated \$50,000 for this work and next year will appropriate a like amount. Only preliminary plans have been prepared by the Department of Architecture. Further mention will be made of the work.

FLATS—2 story and base, frame, \$7,000. San Francisco. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner, Dr. J. N. Powell. The building will be erected on the west side of 4th avenue south of Irving, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, J. Sheehan. The dwelling will be erected in Sea Cliff Terrace and has been designed to contain seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floor. An automatic water heater will be installed. Mantels will be of tile. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

RESIDENCE—2 story and base, frame and plaster. Cost not stated. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owner's name not given. The dwelling will be erected in St. Francis Wood. The first floor will be arranged for a living room, a reception hall, which will open into the living and dining rooms, kitchen, pantry and servants' hall. Upper floor will consist of owner's chamber, son's room and servants' room. The three principal chambers will have baths and private dressing rooms. Basement will contain a large billiard room. A garage will be erected in the rear of the lot. An automatic water heater will be installed. Interior of the house will be finished in hardwood with hardwood floors throughout. Brick or tile mantels will be specified. A vacuum cleaning system will also be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Hansen Walton, S. F. The dwelling will be erected on

the west side of 28th avenue south of Clement street, and has been designed to contain six rooms with bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living and dining rooms and reception hall. Mantels will be of brick. Modern plumbing will be installed. Plans are complete and the work will be done under the Day Labor system.

RESIDENCE—2 story and base, frame, \$10,000. San Francisco. Architect, Matthew O'Brien, Foxcroft Bldg., S. F. The dwelling will be erected at the northwest corner of Fulton and 4th avenue and will contain in the neighborhood of nine rooms and two baths. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$4,500. San Francisco. Architect, none. Owner, J. M. Peters, S. F. The dwelling will be erected on 19th avenue south of California street and will contain six rooms and bath. Interior will be finished in pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Exterior of the dwelling will be covered with rustic tile and metal lath and plaster. The work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$10,000. San Francisco. Architect, Henry H. Gutterston, 50 Post street, S. F. Owner, Duncan McDuffie. The dwelling will be erected in St. Francis Wood and has been designed to contain nine rooms, seven on the first floor and two on the upper floor. Interior will be finished in hardwood and redwood. Hardwood floors will be used in the principal rooms. There will be three baths, all of which will be equipped with showers. There will be furnace heat and open fire places. Mantels will be of brick. Roof will be covered with tile shingles. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being figured.

RESIDENCE—2 story and base, frame and plaster, \$13,000. San Francisco. Architect, Frederick Boese, 45 Kearny street, S. F. Owner, George A. Clough. The dwelling will be erected on the south side of Francisco street just east of Hyde street. Interior will be finished in pine. Baths will have tile floors and will be equipped with showers. Mantels will be of tile or brick. An automatic water heater will be installed. Hardwood floors will be used in the principal rooms. Exterior of the building will be covered with metal lath and plaster. Plans are now being figured.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman & Bro. The dwelling will be erected on Lincoln Way near 24th avenue, and has been designed to contain seven rooms with bath. Interior will be finished in pine with gum in the living and dining rooms. Floors will be of pine and hardwood. Bath will have tile

wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic. The work will be done by Day Labor. Materials are now being purchased.

BATH HOUSE ADDITION—3 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Olympic Salt Water Co. This addition will be constructed on property adjoining the present Lurline Baths on the west, and will have a frontage of 70 feet on the north side of Bush street by a depth of 120 feet. The new portion of the building will be used for Turkish and Swedish bath parlors, additional dressing rooms and a completely equipped laundry. Construction will be similar to the present building although the design will be slightly modified owing to the uses of the new portion. The present system of heating will be extended into the new portion of the building. Interior will be finished in pine and hardwood plaster. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, F. W. Wakefield. The building will be erected at the southwest corner of California and Stockton streets, covering an area of 66 by 105 feet. There will be a total of 14 apartments of two and three rooms. Interior finish will be of pine and hardwood. Plans provide for steam heat, an automatic elevator, hot water supply and vacuum cleaning. All bath rooms will be finished in tile. Wall beds are specified. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for at once.

HOTEL ADDITION AND ALTERATION—brick, \$35,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owners, Normandie Hotel Co., William M. Wise, lessee. The building at the corner of Gough and Sutter streets will undergo extensive alterations and the frame dwelling adjoining it will also be altered and connected to the Normandie by an arcade. Included in the work will be new plumbing, painting, electric work, plastering and interior finish. Plans are now being prepared and figures will be called for as soon as working drawings can be completed.

PUBLIC BUILDING LIGHTING FIXTURES—Cost not stated. San Francisco. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids will be opened in Washington, D. C., on September 21st or installing lighting fixtures in the United States public buildings in the following cities: San Francisco, Minneapolis, Minn.; Muskogee, Okla.; and Boston, Mass. Plans and specifications can be secured from the Supervising Architect.

RESIDENCE—2½ story and base, reinforced concrete, \$20,000. San Francisco. Architect, John Davis Hatch. Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on 32nd avenue in the West Clay Park Tract and has been designed to contain ten rooms, three

baths and sleeping porch. A garage will also be erected on the property. Interior of the house will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably furnace heat. Open fire places and tile mantels will be used. Automatic water heater will be installed. Bath rooms will be finished in tile. Interior of the dwelling and garage will be faced with cement plaster. Plans are being figured.

RESIDENCES—3, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These dwellings will be erected on the north side of Parnassus avenue west of Hill street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$6,500. San Francisco. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner, Henry Connahrens. The dwelling will be erected in St. Francis Wood and has been designed for a seven-room house with two baths and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. There will be an automatic water heater. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

UNDERTAKING PARLORS—1 story and base, frame and plaster. Cost not stated. San Francisco. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner's name withheld. Working drawings are practically completed for the largest undertaking establishment in the city. The building is designed in the classic style with a large center pediment and Ionic columns and will be trimmed with marble. Interior is arranged for five chapels, three of which will be 27 by 33 feet, one 31 by 47 feet and one 22½ by 31 feet, general offices, private office, attendants' quarters and morgue, ladies' parlor and show room. Interior will be finished in natural woods except the morgue which will have tile floor and walls. Each chapel will have a large art glass dome. The exterior will be covered with cement plaster.

LOFT ADDITION—1 story. Class C construction. Cost not stated. San Francisco. Architects, Charles Paff & Co., Merchants' Exchange Bldg., S. F. Owner, Otto Kertz. The addition will be made to a one-story building on Stevenson street between 5th and 6th streets. New portion will be used for a loft. Interior will be finished in pine. There will be metal window sash and frames. Exterior of the building will be faced with stock brick. Plans are complete and in the

hands of the owner who will do the work by Day Labor. Materials are now being purchased.

ASSEMBLY HALL—1 story brick addition, \$10,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owner, J. P. Trouillet. An additional story will be erected to the store building now building on the south side of Sutter street west of Larkin. The upper floor will be used for an assembly hall. Interior will be finished in pine and redwood. A maple floor will be used. Modern plumbing and steam heat will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LIBRARY—3 story and base. Class A construction, \$1,000,000. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, City and County of San Francisco. The Library Trustees have officially approved plans for the new building to be erected in the Civic Center as prepared by Architect George William Kelham. These plans will be submitted to the Supervisors for their approval. Construction cannot be started until the \$900,000 bond issue has been sold.

SEWER CONSTRUCTION—Cost not stated. Pocatello, Idaho. Engineer, City Engineer, Pocatello. Owners, City of Pocatello. Bids will be opened on September 17th for constructing sanitary sewers in Pocatello. The work will require 36,553 feet of pipe and ditch, 1,520 feet of 48-in. sewer, 1,120 feet 42-in. sewer, 5,400 feet 30-in. sewer, 920 feet 8-in. sewer. Vitrified catch basins and laterals will be used. The larger sewers will be of concrete pipe. There will be 22 catch-basin covers and 46 manholes. Plans and specifications can be secured from the Mayor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$12,500. San Francisco. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, P. D. Bernhard. Contractor, H. C. Warwick, Hearst Bldg., S. F. Contract price, \$12,500.

FACTORY—2 story and base. Class C construction, \$30,000. San Francisco. Architect, none. Owners, Moody Estate, Kohl Bldg., S. F. Contractors, H. H. Lasen & Bro., 68 Post street, S. F. Contract price, \$30,000. Note: This building will be occupied by the National Biscuit Co.

ASSOCIATION BUILDING—2 story, frame and plaster, \$25,000. San Francisco. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. Contractor, John Monk, S. F. Contract price, \$25,000.

STATE EXHIBIT BUILDING—1 story, frame and plaster, \$20,450. San Francisco. Architect's name not given. Owners, State of Arkansas. Contractor, Lester H. Stock, 12 Geary street, S. F. Contract price, \$20,450. Note: The contract price does not include the lumber which will be furnished by the owners.

GARAGE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner, Col. Adolph Huber. Contractors, Camp & Carillon, S. F. Contract price not stated.

City Bids Opened.

Bids Opened For Carpentry and Mill Work on New City Hall and For Elevators in Same.

Of the bids opened by the Board of Public Works at their regular Wednesday afternoon meeting, those submitted for the carpentry work on the new City Hall were the most numerous. Bids were also opened at the same meeting for the elevators at the City Hall, for additions and alterations to the Donohue Fountain and for well drilling on the school lot on Balboa street. Following is a complete list of the figures received:

Carpentry, New City Hall.

Brunswick-Balke-Collender Co. (1) \$—; (2) \$198,430; (3) \$—; unit (a) \$—; unit (b) \$33,600.

William Bateman (1) \$19,500; (2) \$176,495; (3) \$225,995; unit (a) \$11,700; unit (b) \$27,150.

Clinton Fireproofing Co. (1) \$49,500; (2) \$—; (3) \$—; unit (a) \$3,000; unit (b) \$—.

L. & E. Emanuel (1) \$—; (2) \$177,000; (3) \$—; unit (a) \$—; unit (b) \$37,500.

Grant Fee (1) \$68,000; (2) \$183,000; (3) \$250,000; unit (a) \$16,350; unit (b) \$30,000.

Brockhage, Foley & Green (1) \$56,060; (2) \$172,000; (3) \$430,066; unit (a) \$18,500; unit (b) \$27,500.

Pacific Manufacturing Co. (1) \$—; (2) \$167,154; (3) \$—; unit (a) \$—; unit (b) \$28,408.

Monson Bros., (1) \$40,768; (2) \$156,818; (3) \$197,768; unit (a) \$1,800; unit (b) \$26,162.

R. Brandline. All bids void.

Elevator, City Hall.

Pacific Gurney Elevator Co. (1) \$—; (2) \$51,000; (3) \$41,500.

Otis Elevator Co. (1) \$59,755; (2) \$45,950; (3) \$42,255.

Van Emon Elev. Co. (1) \$66,000; (2) \$14,400; (3) \$40,400.

Additions to Donohue Fountain.

T. W. McClenahan.....\$2,225

J. P. M. Phillips.....3,984

Monson Bros.2,818

Drilling Well on School Lot.

S. M. Halstead, San Jose.....\$2,600

ARCHITECT'S CERTIFICATE.

Albert Leon Lapachet has filed his certificate of architecture for San Francisco County.

NOTICE OF NON-RESPONSIBILITY.

Sept. 2, 1914—SE MARKET 150 NE Fourth NE 50 SE 100 NE 100 SE 70 SW 150 NW 170; Nos. 777-779-781 Market. English Investment Co as to improvements on leased property

Receive Bids For Another New Pier.

State Board of Harbor Commissioners Open Figures For Pier No. 37. Healy-Tibbitts Co. Low.

Five bids were opened by the State Board of Harbor Commissioners at the meeting held Thursday, September 3rd,

for constructing Pier No. 37 with its adjoining bulkhead wall and pier shed. Healy-Tibbitts Constr. Co. were low at \$204,300, just \$400 lower than the San Francisco Bridge Co. Pier No. 37 will be erected at the foot of Kearny street. Following is a complete list of the bids received:

Constructing Pier No. 37.

Thomson Bridge Co.....\$219,000
San Francisco Bridge Co.....204,700
F. A. Koeltitz224,750
F. Rolandi232,300
Healy-Tibbitts Constr. Co. 204,300

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architect, William Wilde, 1725 Broadway, Oakland. Owner, R. Pozzi. The building will be erected at the corner of 23rd and Harrison streets, and has been designed to contain a number of two and three room apartments. Interior finish will be of pine and redwood with some oak floors. All apartments will have wall beds and private bath rooms. Baths will be finished in tile and will have composition floors. Plans provide for steam heat and a hot water system. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Miss Margaret Little. The dwelling will be erected in Northbrae and has been designed to contain seven rooms with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster. Plans are now being figured.

RESIDENCE—1 story, frame, cost, \$33,500. Oakland, Cal. Architect, C. C. Dakin, First National Bank Bldg., Oakland. Owners, Oakland Home Corporation, Oakland. The dwelling will contain eight rooms and will be erected at the southwest corner of Brookdale avenue and Bartlett street. Interior will be finished in pine. Hardwood floors will be used in the principal rooms. Mantels will be of brick or tile. Exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

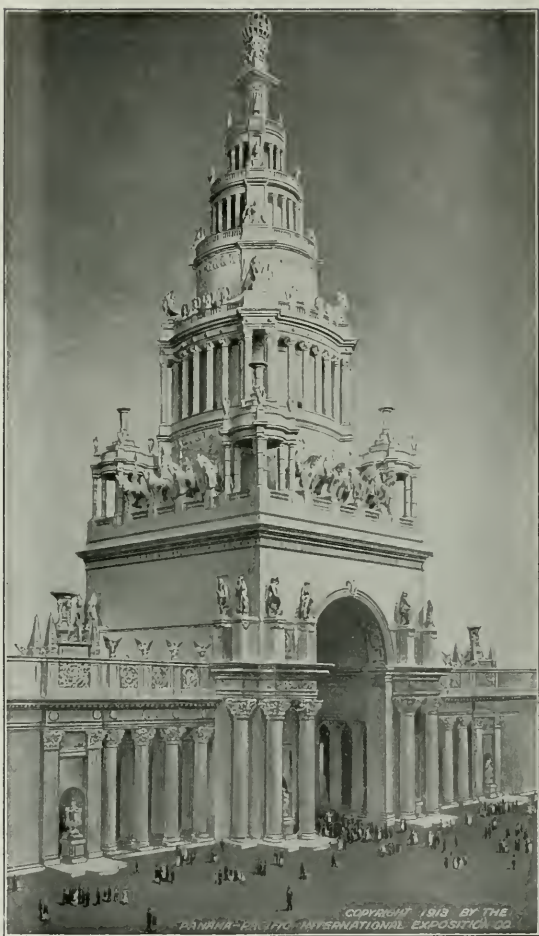
RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Geo. W. Patton, 2126 Emerson street, Berkeley. The dwelling will be erected in North Cragmont, Berkeley, and will contain in the neighborhood of seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Bath will have tile wainscot and composition floor. Mantels will be of tile or brick. There will be furnace heat and open fire places. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

RESIDENCE—1 story, frame and



COURT OF PALMS EXPOSITION GROUNDS
San Francisco

Panama-Pacific International Exposition



TOWER OF JEWELS EXPOSITION GROUNDS
San Francisco

Panama-Pacific International Exposition

laster, \$5,000. Oakland, Cal. Architect, Charles F. Mau, Macdonough Bldg., Oakland. Owner, Mrs. B. W. McIntosh. The dwelling will be erected on East Lake Shore and Santa Bay venues, and will contain eight rooms and two baths. Interior will be finished in pine and hardwood with some lin panels. Hardwood floors will be laid in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Exterior will be covered with cement plaster on metal lath. Plans are now being figured.

RESIDENCE—2 story and base, frame and plaster, \$2,500. Sacramento, Cal. Architect, none. Owner, E. M. Earle, 3028 Magnolia avenue, Sacramento. The dwelling will be erected on lot 206 in Boulevard Park and will contain six rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be laid in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Plans are complete and the work will be done by Day Labor. Materials are now being ordered.

FLATS—2 story and base, frame, \$5,500. Oakland, Cal. Architect, Charles F. Mau, Macdonough Bldg., Oakland. Owner, F. W. Lagerson. The building will be erected at the corner of 10th and Magnolia streets, and has been designed to contain two modern sets of five and six rooms. There will be hardwood floors in the principal rooms. Interiors will be finished in pine and redwood. Open fire places will be used. Mantels will be of tile or brick. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

AUDITORIUM TILE AND MARBLE WORK—Cost not stated. Oakland, Cal. Architect, Supervising Architect J. J. Donovan, Oakland. Owners, City of Oakland. Plans and specifications are complete for the marble and tile work or the new Municipal Auditorium. Plans and specifications can be secured from the Supervising Architect. Bids will be opened on September 14th.

LODGE HALL AND STORES—2 story and base, reinforced concrete, \$10,000. San Mateo, San Mateo Co., Cal. Architect, Will D. Shea, 244 Kearny street, S. F. Owners, San Mateo Knights of Columbus Hall Association. The building has been mentioned here before when the architect was first commissioned to prepare plans. There will be three stores on the ground floor and large lodge rooms, assembly hall and offices on the upper floor. Interior of the second floor will be finished in pine and hardwood with maple floor in the assembly hall. Plans provide for steam heat and vacuum cleaning. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, Architectural Designers, First Trust Bldg., Oakland. Owner, C. C. Haws. The dwelling has been designed for a six-room house and will be erected on McGee street. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile

mantels. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared. OFFICE—1 story, frame, \$1,000. Oakland, Cal. Architect, none. Owner, W. E. Whalin, Bacon Bldg., Oakland. An addition of six offices will be made to the present one-story frame building at the northeast corner of 21st and Broadway. Interior of the offices will be finished in pine throughout. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

STORES—1 story and base, brick and reinforced concrete, \$10,000. Berkeley, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Cohn Bros. The building will be erected on Alcatraz east of Adeline, covering an area of 78 by 60 feet. There will be five stores, all of which will have plate glass windows in patent store fronts. Interiors will be finished in pine and hardwood veneer. Some tile floors will be used. There will be marble wainscot. Exterior of the building will be faced with cement plaster. Plans are being prepared.

STORE ALTERATIONS—Brick construction, \$10,000. Oakland, Cal. Architect, William Wilde, 1725 Broadway, Oakland. Owners, Athens Hotel. The ground floor of the building will be altered and five stores put in. There will be patent store fronts and plate glass windows. Interior finish will be of pine and hardwood. Marble and tile wainscot will be used. Plans are now being prepared. Further mention will be made of the work when plans are ready for figures.

HOTEL ADDITION—6 story and base, reinforced concrete, \$65,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, A. C. Aiken. The present one-story store building at the corner of 15th and Jefferson streets will be added to and the upper floors arranged for a modern hotel. The building will cover an area of 50 by 80 feet and will contain a large number of single rooms and public baths. Interior finish will be of pine and redwood. There will be steam heat, elevator service, and a hot water system. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster. A contract will be awarded to F. A. Muller, Syndicate Bldg., and he will let all subcontracts. Plans are complete and subfigures are being taken by Mr. Muller.

SAN JOSE AND THE SANTA CLARA VALLEY.

SEWER WORK—Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Plans are complete and figures are being taken for constructing a vitrified ironstone pipe sewer with brick manholes along certain streets in Santa Cruz. Bids will be opened on September 14th. Plans can be secured from the City Clerk.

STREET PAVING—Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, City Engineer, San Jose. Owners, City of San Jose. Bids will be opened on September 14th at 5 o'clock

for street paving in San Jose. Plans and specifications can be secured from the City Clerk.

STORM WATER SEWERS—Cost not stated. San Mateo, San Mateo Co., Cal. Engineer, City Engineer. Owners, City of San Mateo. A resolution of intention has been passed by the San Mateo City Council for the construction of a concrete box storm water sewer with brick manholes to be erected between San Mateo and Burlingame. Bids on this work will be called at once.

BUNGALOW—1 story and base, frame, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, W. M. Lewis, 240 South 16th street, San Jose. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile mantel. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL—1 story and base, frame and plaster, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Thomas W. Edwards and F. L. Norberg, Bank Bldg., San Mateo. Owners, Burlingame Meadow School District. The building will contain eight rooms and office. Interior will be finished in pine with maple floors in the class rooms. A plenum system of heating will be installed. Modern school plumbing will be installed. Exterior of the building will be covered with cement plaster on metal lath. A metal tile roof will be used. Plans are complete and figures are being taken. Bids will be opened on September 15th. Plans and specifications can be secured from the architects.

FIRE ESCAPES—Seven buildings. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. Owners as follows: Fire escapes have been ordered placed on the following buildings in the city of San Jose: St. John, Oakland, Bristol and Menlo rooming houses, the Hotel Vendome, the Odd Fellows Building and Heald's Business College.

Contracts Awarded.

RETAINING WALL—Earth construction, \$5,000. Campbell, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractor, M. E. Kilcourse, San Jose. Contract price, \$5,845.

THEATRE—1 story and base, reinforced concrete. Cost not stated. Salinas, Monterey Co., Cal. Architect, William Binder, Rea Bldg., San Jose. Owners, H. P. Brown & Son. Contractor, Ratke, Gilroy. Contract price not stated.

MARIN, CONTRA COSTA AND SOMOMA COUNTIES.

RAILROAD BRIDGES—2, steel construction, \$50,000 each. Richmond, Contra Costa Co., Cal. Engineer, G. W. Harris, Kerchoff Bldg., L. A. Owners, Santa Fe Railroad Co. The company is now replacing all timber bridges along its right of way with modern steel structures. Two bridges near Richmond are now being built by Schoop & Filler of Los Angeles, and plans are underway for several more steel structures.

PILES AND TIMBER FOR QUAY WALL. Cost not stated. Mare Island Navy Yard, Cal. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids will be opened on September 9th at Washington, D. C. for furnishing piles and timber for constructing the new quay wall at the Mare Island Navy Yard. Plans and specifications can be secured from either the Bureau of Yards and Docks or from the Commandant at Mare Island.

ELEVATED SIDEWALK WORK.—Cost, \$5,000. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Owners, City of Richmond. The Richmond City Council has instructed the City Engineer to secure bids for constructing an elevated sidewalk at the subway on Sixteenth street. The work will be of concrete and has been estimated to cost \$5,000.

RAILROAD STATION.—1 story, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Bids will be taken at once for constructing the new Southern Pacific passenger depot at Richmond. Plans have been changed from a frame and plaster structure to a brick building with plastered exterior walls. About \$10,000 will be expended in construction. A freight depot and extensive track work will also be put in.

SCHOOL.—1 story and base, brick or hollow tile construction, \$50,000. Richmond, Contra Costa Co., Cal. Architects, Stone & Wright, 24 South California street, Stockton. Owners, Richmond School District. The building will be erected on Main street and has been designed for a twelve room school with a large assembly hall, teachers' room and principal's office. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern school plumbing. Vacuum cleaning and program clocks will be installed. The School Board is considering both the brick and interlocking types of construction and figures will be taken both ways. Exterior of the building will be faced with pressed brick or cement plaster. Bids are now being taken.

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE.—2 story and base, frame, \$18,000. Fresno, Fresno Co., Cal. Architect, Ernest J. Kump, Fresno. Owner, Ernest J. Kump. The dwelling will be erected on a country estate about five miles out of the city of Fresno and has been designed in the Mission style. There will be in the neighborhood of twelve rooms, several baths and sleeping porches. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. A central heating system will be installed. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal bath. A clay tile roof will be used. Plans are complete and work will shortly be started.

CONCRETE FLUME.—Reinforced concrete, \$55,000. Modesto, Stanislaus

Co., Cal. Engineer, Chief Engineer Modesto Irrigation District, Modesto. Owners, Modesto Irrigation District. The Board of Directors of the Modesto Irrigation District have accepted plans and specifications prepared by the Commonwealth Engineering Company for a reinforced concrete flume to be built at Gasburg. It will be 720 feet in length and will cost \$55,000.

Contracts Awarded.

BRIDGE.—Reinforced concrete, \$14,700. Cressy, Merced Co., Cal. Engineer, County Surveyor, Merced. Owners, Merced County. Contractors, Messmer-Rice, Marsh-Strong Bldg., L. A. Contract price, \$14,700.

SCHOOL.—1 story, frame and plaster, \$12,000. Buena Vista, Tulare Co., Cal. Architect's name not given. Owners, Buena Vista School District. Contractor, L. F. Pratt, Tulare. Contract price, \$10,554.

SCHOOL HEATING.—Cost not stated. Fresno, Fresno Co., Cal. Architect, W. D. Coates, Fresno. Owners, City of Fresno. Contractors, Robert Dalziel, Jr., Co., S. F. Contract price, \$3,395.

DISCHARGE PIPE FOR SEWER PUMPING PLANT.—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Plans for constructing a discharge pipe for sewer pumping plant No. 2 located on Franklin avenue have been completed. Bids are now being taken and will be opened by the City Council on September 15th. Plans and specifications can be secured from the City Clerk.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

REINFORCED CONCRETE BRIDGE.—Cost not stated. Farnsworth, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans and specifications are complete for a reinforced concrete bridge over the drain at Farnsworth Place, and figures are now being taken for the work. Plans and specifications can be secured from the County Clerk at Colusa. Bids will be opened on September 10th.

STREET PAVING.—Cost, \$3,600. Red Bluff, Tehama Co., Cal. Engineer, City Engineer. Owners, City of Red Bluff. An additional contract for street paving in this city has been awarded by the City Council to the Chico Construction Company.

RAILROAD CONSTRUCTION.—Cost not stated. Yuba City, Yuba Co., Cal. Engineer's name not given. Owners, Dairy Farm Railroad Co., Yuba City. The Dairy Farm Railroad, operating out of Yuba City, has been granted a right of way through Reclamation District 101 in Yuba County.

SNOW SHED CONSTRUCTION.—\$70,000. Truckee, Nevada Co., Cal. Engineer, Engineering Department S. P. Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The S. P. Co. is replacing seven thousand feet of snow sheds in and around Truckee. The company will spend in the neighborhood of \$70,000 on the work.

SCHOOL.—1 story and base, hollow tile construction, \$30,000. Folsom, Sacramento Co., Cal. Architects, George C. Sillon and Alden W. Campbell, 1005 K street, Sacramento. Owners, Folsom School District. The building has been

designed in the Mission style and will contain eight class rooms and a large assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, probably a plenum system. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 16th. Plans and specifications can be secured from the architects.

STORE.—1 story and base, reinforced concrete, \$10,000. Yuba City, Sutter Co., Cal. Architect, John J. Foley, 4 Kearny street, S. F. Owners, Diamond Match Co. The building has been designed for a large drygoods store. Interior will be finished in pine. The ceiling will be 20 feet high and mezzanine floor will probably be constructed. There will be patent storerooms. Exterior will be faced with cement plaster. Plans have been turned over to the owners who will do the work by Day Labor. Material are now being purchased.

STATE HIGHWAY WORK.—Cost not stated. California. Engineers, State Highway Commission, Forum Bldg. Sacramento. Bids were opened by the State Highway Commission on August 31st for the construction of highway in the following counties: Orange, Los Angeles, Kern, San Luis Obispo, Santa Barbara, Yuba, Sacramento and Colusa. All bids were taken under advertisement. A complete list of bids together with the engineer's estimate and the materials furnished by the State will be found under the heading of Stockton, Sacramento and Northern California in this issue.

Contracts Awarded.

BRIDGE.—Reinforced concrete, \$30,000. Esparto, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. Contractors, Ross Construction Co., Sacramento. Contract price, \$28,760. Earth work, San Schwab, Esparto, 17½c per cubic yard or 3,600 yards.

BRIDGE.—Steel and reinforced concrete, \$77,660. Walnut Grove, Sacramento Co., Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Contractors, Jenkins & Wells, address in care of Sacramento County Surveyor, Sacramento. Contract price, \$77,660.

BRIDGE.—Steel and reinforced concrete, \$13,680. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Contractor, James Mulcahy, Stockton. Contract price, \$13,680.

HOTEL.—4 story and base, brick and steel, \$108,000. Lodi, San Joaquin Co., Cal. Architect, E. B. Brown, Yosemite Bldg., Stockton. Owners, Lodi Hotel Investment Co. The following contracts have been awarded for the construction of the building: General construction, Ernest Green, Modesto; electric work, F. J. Wallace, Lodi; painting, J. L. Pickering, Lodi; plumbing, Henderson Bros., Lodi; plastering, J. L. Grauman, Stockton; marble work, J. L. Houghton, Fresno; tile work, H. C. Fisher, Stockton; steam heating, Hatley & Hatley, San Francisco; ornamental iron work, Builders' Iron Works, Stockton; face brick, moulded brick and terra cotta work, Gladding McBean, San Francisco, and elevator

work, Otis Elevator Co., San Francisco.
SCHOOL—2, 1 story frame, cost not stated. North Sacramento, Cal. Architect, none. Owners, North Sacramento School District. Contractors, Wall & Parker, Sacramento. Contract prices, \$1,500 and \$5,000.

SCHOOL—1 story and base, reinforced concrete, \$11,900. Roseville, Placer Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Roseville School District. Contractor, Harvey A. Klyce, S. F. Contract price, \$41,500.

RESIDENCES—1 story, frame. Cost not stated. Sacramento, Cal. Architect, none. The following Day Labor jobs are about to be started in Sacramento: R. S. Mackey, 2305 E street, 1 story frame dwelling, \$1,600 and C. Valine, 2417 15th street, Sacramento, 1 story frame, \$1,000.

Highway Commission Open Many Figures.

Bids Received for Constructing State Highways in Nine California Counties at Last Meeting.

SACRAMENTO, CAL.—Bids were opened on August 31st by the State Highway Commission for constructing State Highways in nine counties. This work is to be done in the following counties: Orange, Los Angeles, Kern, San Luis Obispo, Santa Barbara (two pieces), Yuba, Sacramento and Colusa. Following is a complete list of the bids received together with the engineer's estimate and a list of materials furnished by the State:

Orange Co., Div. 7, Route 2, Sec. C.
H. E. Cox, Pasadena.....\$47,449.20
Lynn S. Atkinson, L. A.....47,437.00
O. & C. Construction Co., Fullerton.....46,926.30
Geo. Wiegand, La Manda Park 39,642.50
White & Gaskill, Long Beach 37,935.50
Brashers-Burns Co., L. A.....45,802.90
Engineer's estimate, \$47,930.62.
Materials furnished by the State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$17,374.50.

Los Angeles Co., Div. 7, Route 4, Sec. B.
Marsh Bros. & Gardener, San Francisco.....\$120,437.00
Lynn S. Atkinson, L. A.....209,336.10
Lee Moor Contracting Co., Neenach.....148,501.35
A. C. McLean Const'r Co., S. F.....194,824.20
C. H. Hudson, Los Angeles.....139,970.05
John Mulligan, Yuma, Ariz.....150,560.04
Shattuck-Edinger Co., S. F.....181,182.15
Rice & Dutcher, Imperial.....180,667.30
J. W. Calback, San Diego.....148,094.40
Toohy & Johnson, Phoenix Ariz.....171,235.60
Mahoney Bros., S. F.....123,158.10
Engineer's estimate, \$191,055.83.

Materials furnished by the State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$8,058.25.

Kern Co., Div. 6, Route 4, Sec. A.
A. C. McLean Const'r Co., San Francisco.....\$ 68,004.00
F. Rolandi, S. F.....108,920.60
S. H. Millen, Wasco.....71,530.60
Shattuck-Edinger Co., S. F.....90,745.00
Lynn S. Atkinson, L. A.....92,125.00
Engineer's estimate, \$86,125.23.

Materials furnished by the State: Pipe railing, reinforcing steel, corru-

gated iron pipe and Portland cement. Total, \$1,235.90.

San Luis Obispo Co., Div. 5, Route 2, Sec. B.

H. L. Peterson & A. J. Grier, San Francisco.....\$84,025.25
Lynn S. Atkinson, L. A.....97,182.95
Rogers Bros. Co., L. A.....176,168.85
J. W. Calback, San Diego.....79,291.20
Engineer's estimate, \$71,709.10.

Materials furnished by the State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement and sand and coarse aggregate. Total, \$56,736.10.

Santa Barbara Co., Div. 5, Route 2, Sec. C, and 1.

Lynn S. Atkinson, L. A.....\$156,502.90
Brashers-Burns Co., L. A.....89,166.90
Shattuck-Edinger Co., S. F.....105,464.80
Mahoney Bros., S. F.....137,641.50
A. C. McLean Const'r Co., S. F.....111,922.50
J. W. Calback, San Diego.....118,870.00
C. H. Hudson, L. A.....93,513.40
Marsh Bros. & Gardener, S. F.....161,912.45
F. Rolandi, S. F.....113,486.25
P. L. Burr, S. F.....118,116.00
Engineer's estimate, \$74,243.60.

Materials furnished by the State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$8,691.70.

Santa Barbara Co., Div. 5, Route 2, Sec. A.
Rogers Bros. Los Angeles.....\$19,523

Engineer's Estimate, \$18,072.77.
Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total \$22,899.45.

Yuba Co., Div. 3, Route 3, Sec. A.
E. M. Whitlock, S. F.....\$24,303.80
Engineer's estimate, \$19,943.07.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$14,573.16.

Sacramento Co., Div. 3, Route 2, Sec. A.
Joe Lawrence, Broderick.....\$41,498

Engineer's estimate, \$35,506.05.
Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron, Portland cement, sand and coarse aggregate. Total, \$24,749.58.

Colusa Co., Div. 3, Route 7, Sec. B.
C. L. Schaad, Williams.....\$67,119.20
Arthur W. Gorrill, Oakland.....70,697.20
Engineer's estimate, \$67,815.27.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total \$65,443.84.

BIDS OPENED FOR FIRE PLUGS.

SACRAMENTO, CAL.—Bids as follows were received by the City Commission on September 3rd for furnishing the city with seventy-five fire plugs:

Miller-Enwright Co.....\$2,416
R. E. Miller.....2,135
Crane Co.....2,286
Sacramento Pipe Works.....2,476

All bids were taken under advisement.

LOS ANGELES AND SOUTHERN CALIFORNIA.

CHURCH—1 and 2 story and base, brick and steel, \$100,000. Los Angeles, Cal. Architect, Frank L. Meline, 6631 Hollywood avenue, L. A. Owners, Fifth Church of Christ, Scientist. The building will be erected on a large lot recently secured at the corner of La Brea and Hollywood Boulevard. Inter-

rior will be arranged for a number of lecture rooms, study rooms and reading rooms. Interior finish will be of pine and hardwood with ornamental plaster. There will be a modern system of heating and ventilating. Art glass will be used. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared. Further mention will be made of the work.

LAUNDRY—1 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architect, Fred A. Hall, 621 San Fernando street, L. A. Engineers, Hunter & Hudson, 1310 14th St., S. F. Owners, Los Angeles Laundry Co. The building will be erected on Yale street, covering an area of 155 by 260 feet. Besides the several large work rooms the building will contain offices of the company. There will be a large amount of special machinery. A complete pumping plant will be installed. etal window sash and frames and three-proof doors will be used. An automatic sprinkler system will be specified. Exterior of the building will be faced with sand limebrick. Plans are complete and figures are being taken.

HOTEL AND STORES—11 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, John J. Fraunfelder, 1116 State Bldg., L. A. Owner's name withheld. The building will be erected on East 5th street near Los Angeles, and will have a frontage of 50 feet by a depth of 150 feet. There will be two stores besides the hotel lobby on the ground floor and a total of 242 guest rooms with 155 baths on the upper floors. Plans provide for a complete steel frame, brick erected walls and hollow tile interior partitions. Interior will be finished in pine and hardwoods. There will be steam heat, oil burning equipment, freight and passenger elevators, a vacuum cleaning system, hot water supply and metal window sash and frames. Patent store fronts will be used. Bath rooms will be finished in tile. Exterior of the building will be faced with terra cotta and enameled pressed brick. Plans are now being prepared.

HOSPITAL—2 story and base, brick. Cost not stated. Ventura, Ventura Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Ventura County. The building will cover a ground area of 90 by 175 feet and will contain the administration section, dining room, kitchens, wards and about sixty rooms for private patients. An asylum will also be connected with the building. A separate building will house the heating system. Interior will be finished in pine and hardwood with pine and tile floors. There will be special plumbing. Steam heat is specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken. Plans and specifications can be secured from the architect.

LIBRARY—2 story and base. Class A construction, \$50,000. Santa Barbara, Santa Barbara Co., Cal. Architect, Francis W. Wilson, 717½ State street, Santa Barbara. Official approval has been given the design prepared by Architect Wilson for this building and working drawings will be prepared at once. The building will contain two large waiting rooms besides a separate children's room, office of the li-

to be finished in pine and hardwoods with maple floor. There will be steam heat and vacuum cleaning. Metal book shelves will be used. Exterior of the building will probably be faced with pressed brick. Plans are being prepared.

RAILROAD CONSTRUCTION—Cost not stated. Highland, San Bernardino Co., Cal. Engineer, Chief Engineer Pacific Electric Co. The Pacific Electric Railroad has announced that it will extend its lines into the rich citrus fruit section around Highland, San Bernardino County. New lines will be built to the packing houses and the old Highland-San Bernardino line will be constructed. This territory has formerly been in control of the Santa Fe Railroad exclusively.

RESIDENCE—2 story and base, frame, \$20,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Mrs. M. Wiley. The dwelling will be erected in Lafayette Square, and has been designed to contain fourteen rooms and four baths. Interior finish will be of pine, redwood and hardwoods with white enamel in the chambers. Hardwood floors will be used in the principal rooms. A central heating system will be installed. All bath rooms will be finished in tile and equipped with showers. Open fire places with tile mantels will be used. Art glass is specified. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof is specified. Plans are being prepared.

RESIDENCE—2 story and base, brick and plaster, \$30,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. L. J. H. Hastings. The dwelling will contain fourteen rooms and four baths. A location has not yet been selected. Interior of the dwelling will be finished in pine and hardwoods with white enamel in the chambers. Hardwood floors will be used in the principal rooms. There will be a central heating plant, probably steam or hot water. Bath rooms will be finished in tile. Exterior of the house will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

LODGE HALL—2 story and base, brick and steel, \$25,000. Los Angeles, Cal. Architects, Dennis & Hewitt, Fay Bldg., L. A. Owners, Westlake Lodge of Masons. Contractors, Hunsberger-Reed Construction Co., Van Nuys Bldg., L. A. Contract price, \$25,000.

PORTLAND AND OREGON.

HIGHWAY CONSTRUCTION—Cost \$57,758. Hood River, Ore. Engineer, County Surveyor. Owners, Hood River County. The contract for the construction of the highways in Hood River County has been awarded to the Newport Land and Construction Company of Hermiston, Ore., on their bid of \$57,758. Fourteen bids were received, ranging from \$57,758 to \$71,370. Work will start in sixty days.

POST OFFICE—4 story and base, Class A construction, \$1,000,000. Portland, Ore. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, United States Government. Competitive plans

submitted by Architect Hobart have been approved for the new Federal Building to be erected in Portland. Four other San Francisco firms and one Portland firm were invited in the competition. The building will be of fireproof construction, and will contain the Federal offices and the post office. The design is in the classic style. Only preliminary studies have been made and complete details are not as yet available. Further mention will be made of the work.

POST OFFICE—1 and 2 story and base, semi-fireproof construction. Cost not stated. Medford, Ore. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. A. W. Kutsche, 317 Yeon Bldg., Portland, Ore., submitted the lowest figure for constructing the Federal Building at Medford and will probably be awarded the contract although official action has not been taken. His bid was \$75,645 for limestone and \$75,445 for sandstone.

SCHOOL—2 story and base, reinforced concrete, \$45,000. Portland, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church Congregation. The building will be erected at the corner of 14th and Taylor streets and has been designed for a Sunday school building. The building will cover an area of 100 by 60 feet with club rooms on the first floor. Upper floor will contain a number of class rooms and an assembly hall seating 600 people. Interior will be finished in pine throughout. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are being completed and figures will be called for shortly.

SCHOOL—2 story and base, brick, \$35,000. Athena, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Athena School District. The building will cover an area of 78 by 128 feet, and has been designed to contain ten class rooms, gymnasium and an auditorium seating 500 people. Interior will be finished in pine with maple floors in the class rooms. Furnace heat will be installed and modern plumbing. Plans provide for program clocks and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

DOCKS—1 and 2 story, pile and timber, \$145,425. Astoria, Ore. Engineer, F. J. Walsh, Port of Astoria Commission, Astoria. Owners, City of Astoria. Contractor, C. L. Houston, Astoria. Contract price, \$145,425.

SEATTLE AND WASHINGTON.

HIGHWAY CONSTRUCTION—Cost not stated. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, Port of Seattle. The proposal of Gen. Chittenden of the Port of Seattle Commission to construct a highway from the business district to Lake Washington has been considered by city officials here. Four schemes, varying in cost from \$687,000 to \$1,840,000, have been proposed. The first scheme calls for a 1,800 foot tunnel 25x40 feet with a

terminus at 35th avenue. It would have two tracks with an elevated track for foot traffic. This would cost approximately \$1,840,000. The second scheme calls for a tunnel 25x60 and to cost \$687,000. Schemes 3 and 4 would cost in the neighborhood of \$800,000 and \$950,000.

COURT HOUSE ADDITION AND COMPLETION—Class A construction. Cost not stated. New Westminster, B. C. Architect's name not given. Owners, British Columbia. The Public Works Engineer, J. E. Griffith, of the Provincial Department of Public Works, at Victoria, will receive bids until September 15th for erecting and completing an additional building and making additions to the present court house at New Westminster. Plans, specifications and full information can be had from the Government Agent, New Westminster and Vancouver, or at the Department of Public Works, Victoria, B. C.

LOFTS—9 story and base, reinforced concrete, \$850,000. Seattle, Wash. Architect, George C. Nimmo, People's Gas Bldg., Chicago. Owners, Sears-Roebuck Co. This company is about to construct a nine-story building at the corner of First avenue and Utah street, covering a large ground area. Construction will be fireproof. Plans have been completed by the architect and have been forwarded to Seattle for figures. Details of the building have not been made public but it is stated that bids will be called for at once. The date for opening figures has not been set. Further mention will be made of the work later.

Contracts Awarded.

GRAIN ELEVATOR—Reinforced concrete, \$197,900. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, W. T. Butler Contracting Co., Central Bldg., Seattle. Contract price, \$197,900.

LOFTS—3 story and base, reinforced concrete, \$60,000. Seattle, Wash. Architect's name not given. Owners, The Black Mfg. Co., Seattle. Contractor, D. H. Tolman, Haight Bldg., Seattle. Contract price, \$60,000. Note: The contractor is now taking subfigures on the work.

UP AND DOWN THE COAST.

MERCED, Merced Co., Cal.—Bids opened in this city by the County Board of Supervisors for the construction of a bridge across the Merced river has been awarded to Cressey Messner & Co. on their bid of \$14,700. This will make the sixth Class "A" bridge built in Merced county within the past two years across the Merced and San Joaquin rivers. Work on the structure will start at an early date.

COLUSA, Colusa Co., Cal.—Plans and specifications have been accepted by the County Board of Supervisors for a number of reinforced concrete bridges to be constructed at various points throughout the county. Bids will be received for them until September 10th by W. J. King, Clerk of the Board of Supervisors. Plans and specifications may be obtained from the County Surveyor at Colusa.

Building Contracts Awarded

SAN FRANCISCO.

2980	Milly	Nelson	2440
2981	Sullivan	Coburn	9400
2982	Opitz	Ellingson	2175
2983	Sweeney	Nelson	2300
2984	Milner	Olyson	3500
2985	Utah	Northwest	15000
2986	Carmody	McDiarmid	4200
2987	Keenan	Keenan	4000
2988	Saber	Same	4000
2989	Lurman	Lurman	13850
2990	Urban	Urban	7000
2991	Urban	Urban	4000
2992	Ralfe	Nichols	400
2993	Goult	Hoin	900
2994	Armer	Petersen	900
2995	Heffernan	Heffernan	500
2996	Costagerto	Costagerto	950
2997	Molinar	Glaser	475
2998	Thorup	Thorup	2900
2999	Shumate	Holm	400
3000	Parrott	Parrott	450
3001	Gillogley	Gillogley	5000
3002	Kincanon	Kincanon	20000
3003	Hanley	Savage	5000
3004	Sexsmith	Houle	2166
3005	Sokolov	Silva	21356
3006	Franklin	Whitman	2200
3007	Clary	Madden	2080
3008	Keefe	Turner	1870
3009	Iowa	Hibernia	125
3010	Wynan	G G Iron Wks	8000
3011	S F Comm'l.	Porderer	2780
3012	Same	Mangrum	3750
3013	Brundage	Cox	12250
3014	Bernhard	Warwick	12300
3015	Clayton	Atlas	1246
3016	Same	Wagner	1516
3017	Same	Wilson	6000
3018	Hogrefe	Hogrefe	25000
3019	Pantoleon	Pantoleon	1000
3020	Hencke	Atlas Htg	600
3021	Peterson	Elvin	700
3022	Heyman	Heyman	2500
3023	Walton	Walton	2500
3024	Kitchener	Pink	450
3025	Abraham	Meek	850
3026	Accard	Novello	800
3027	Cleese	Cleese	2450
3028	Huber	Camp	1000
3029	Berger	Elvin	1400
3030	Crown	Cohn	450
3031	Ger Hspitl	Ger Hspitl	400
3032	Brann	Grieb	500
3033	Peoli	Doyal	800
3034	Hind	Urfer	855
3035	Odeon	Novelly	456
3036	Faleri	Devenenzi	900
3037	Peters	Peters	4500
3038	Wilson	Poster	2787
3039	Insurance Ex	Henderson	41114
3040	Tocci	Draga	6500
3041	Gaffney	Oils	2000
3042	Jones	Mager	2150
3043	S F Com'l Club	Miss Mbl	2955
3044	Children Hspitl	Healing	3718
3045	Gaffney	Gen Elec	2400
3046	Spalsbury	Boil	3200
3047	U S Steel	Gutleben	7972
3048	Reiter	Ratto	21300
3049	Anderson	Streshley	2480

RESIDENCE

(2980) S KIRKWOOD 101 W Mendel 25x117. Carpenter, mill, painting, plumbing, hardware, plaster, mantel, shades, concrete work for two-story frame residence.

Owner.....Albert J. Milly, 1508 Kirkwood Ave., San Francisco.

Architect...None.

Contractor...Emil Nelson, 244 Rivoli, San Francisco.

Filed Aug. 31, '14. Dated Aug. 20, '14.

Rough frame up.....\$610

Brown coated.....610

Accepted.....610

Usual 35 days.....610

TOTAL COST, \$2440

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NICKELPLATE

(2981) W DEVISAPEIRO 85 S Page 8

52-6 W 137-6 N 55 E 37-6 S 2-6 E 109. All work for frame motion picture building.

Owner.....Daniel Sullivan.

Architect...C. O. Clausen, Hearst Bldg. San Francisco.

Contractor...Chas. Coburn, 4030 24th, San Francisco.

Filed Aug. 31, '14. Dated Aug. 6, '14.

Frame up.....\$2250

Brown coated.....2250

Completed and accepted.....2250

Usual 35 days.....2250

TOTAL COST, \$9000

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

RESIDENCE

(2982) W NOE 59-6 S 19th S 26-6xW

37-6. All work for one-story and basement frame residence.

Owner.....H. Opitz, 4001 19th, S. F.

Architect...C. O. Clausen, Hearst Bldg. San Francisco.

Contractor...Ellingson & Holt, 3854 Army, San Francisco.

Filed Aug. 31, '14. Dated Aug. 31, '14.

Frame up.....\$543.50

Brown coated.....543.50

Completed.....543.50

Usual 35 days.....544.50

TOTAL COST, \$2175.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2983) N KIRKWOOD 50 W Mendel

25x100. Carpenter, plumbing, painting, plastering, concrete, hardware, shades and mantels for two-story frame residence.

Owner.....Eugene Sweeney.

Architect...None.

Contractor...Emil Nelson, 244 Rivoli, San Francisco.

Filed Aug. 31, '14. Dated Aug. 20, '14.

Rough frame up.....\$575

Brown coated.....575

Accepted.....575

Usual 35 days.....575

TOTAL COST, \$2360

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2984) E VICKSBURG 95 S 23rd S 35

XE 95. All work except lumber for two-story frame residence.

Owner.....John T. Miller, 3819 23rd, San Francisco.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...A. E. Olson, 125 Jersey, San Francisco.

Filed Aug. 31, '14. Dated Aug. 27, '14.

Frame up.....\$875

Brown coated.....875

Completed and accepted.....875

Usual 35 days.....875

TOTAL COST, \$3500

Bond, none. Limit, Nov. 30. Forfeit, none. Plans and specifications filed.

STATE BUILDING

(2985) EXPOSITION SITE. One-story

Frame and plaster Utah State Bldg.

Owner.....State of Utah.

Architect...Cannon & Fetzer, Salt Lake City, Utah.

Contractor...Northwest Constr. Co., Merchants' Exchange Bldg. S. F.

COST, \$15,000

FRAME RESIDENCE

(2986) NW CLARENDRON AVE 150 m

or 1 SW from S Carmel W 26-0x N

31-9 E 18 m or 1 S W 38 m or 1 to hge

W A 87. Excavating, concrete, carpenter, mill, plaster, plumbing, gas

fittings, painting and hardware, etc., for two-story and basement frame residence.

Owner.....Mary O. Carmody.

Architect...None.

Contractor...W. G. McDiarmid.

Filed Aug. 31, '14. Dated Aug. 27, '14.

Frame up.....\$566.63

And deed to E Sanchez 75 S

Hancock S 25x E 110, value...2500.00

Completed and accepted.....566.63

Usual 35 days.....566.70

TOTAL COST, \$1200.00

Bond, \$2100. Surety, Dewey Coffin.

Limit 90 days after Sept. 1. Forfeit, none. Plans and specifications filed.

FLATS

(2987) W CENTRAL AVE 37-6 N

Hayes. Two-story and basement

frame flats.

Owner.....C. J. & W. J. Keenan, NW

Hayes & Central Av., S. F.

Architect...None.

Day's work. COST, \$4000

FLATS

(2988) W CENTRAL AVE 62-6 N

Hayes. Two-story and basement

frame flats.

Owner.....C. J. & W. J. Keenan, NW

Hayes & Central Av., S. F.

Architect...None.

Day's work. COST, \$4000

APARTMENTS

(2989) S CALIFORNIA 192-6 E Hyde.

Three-story and basement frame

(22) apartments.

Owner.....F. W. Lurman, 1134 Hyde,

San Francisco.

Architect...None.

Day's work. COST, \$7000

DWELLING

(2990) SE TENTH AVE AND ANZA.

Two-story and basement frame dwlg

Owner.....Urban Realty Improve-

ment Co., 55 Cerritos Ave.,

San Francisco.

Architect...Jos. A. Leonard, 85 Cer-

ritos Ave., San Francisco.

Day's work. COST, \$7000

RESIDENCE

(2991) E URBANO DRIVE 150 N Pico

Two-story and basement frame resi-

dence.

Owner.....Urban Realty Improve-

ment Co., 55 Cerritos Ave.,

San Francisco.

Architect...Jos. A. Leonard, 85 Cer-

ritos Ave., San Francisco.

Day's work. COST, \$4000

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bet. 8th & 9th
San Francisco
Telephone Market 337

REPAIRS

(2992) NE ASH AND DEVISADERO.
Tar and gravel roof.

Owner.....Mrs. Baffe, 151 Sutter,
San Francisco.

Architect...None.

Contractor...H. D. Nichols, 1583 Steven-
son, San Francisco.

COST, \$100

REPAIRS

(2993) NOS. 25 AND 31 CABRILLO.
Repair fire damage.

Owner.....Mrs. Goutt, Premises.

Architect...None.

Contractor...Theo. S. Hoin, 1449 Hyde,
San Francisco.

COST, \$900

ALTERATIONS

(2994) S GREENWICH 171-10 1/2 E
Hyde. Excavate and build concrete
walls.

Owner.....Geo. A. Armes, 310 Cali-
fornia, San Francisco.

Architect...T. Patterson Ross, 310
California, San Francisco.

Contractor...H. L. Petersen, 62 Post,
San Francisco.

COST, \$900

REPAIRS

(2995) NO. 3766 TWENTY-FOURTH.
Repair fire damage.

Owner.....James F. Hefferman, 59
Santa Marina Ave., S. F.

Architect...None.

Day's work. COST, \$500

RESIDENCE

(2996) N SHAFTER 150 E Jennings.
One-story and basement frame
dwelling.

Owner.....Frank Costagerto, 1342
Shafter Ave., S. F.

Architect...None.

Day's work. COST, \$950

BRICK OVEN

(2997) S UNION 25 W Columbus Ave.
Install brick oven.

Owner.....E. Molinari, 1534 Stockton,
San Francisco.

Architect...None.

Contractor...J. P. Glaser & Co. 2010

Union, San Francisco.

COST, \$175

RESIDENCE

(2998) E TWENTY-FIFTH AVE 200
N Anza. Two-story and basement
frame dwelling.

Owner.....J. H. Thorup, 281 26th Ave
San Francisco.

Architect...None.

Day's work. COST, \$2900

REPAIRS

(2999) NW PINE AND SCOTT. Alter
front and minor repairs.

Owner.....Dr. Thos. E. Shumate, 2707
California, San Francisco.

Architect...None.

Contractor...Holm & Son, 68 Post, S. F.
COST, \$100

REPAIRS

(3000) NO. 122 HIGHLAND. Alter
and repair.

Owner.....N. Parrott, Premises.

Architect...None.

Day's work. COST, \$150

FRAME FLATS

(3001) SE SAN JOSE AVE 269-10 1/2 N
30th; Lot 17 Woodwards Sub Lots 103
to 410 P V Lands. All work for two-
story frame flats.

Owner.....J. W. Gillogley, 714 San
Jose Ave., San Francisco.

Architect...None.

Contractor...J. Gillogley & Sons, 714
San Jose Ave., S. F.

Filed Sept. 1, '14. Dated Sept. 1, '14.

Rough frame up\$1250

Brown coated 1250

Completed and accepted..... 1250

Usual 35 days..... 1250

TOTAL COST, \$5000

Bond, \$2500. Sureties, S. J. Lazarus

and R. W. Gillogley. Limit, 100 days.

Forfeit, none. Plans and specifications

filed.

APARTMENTS

(3002) S POST 157-6 W Polk. Four-
story and basement concrete (20)
apartments.

Owner.....Kincanon Constr. Co., 215
Montgomery, S. F.

Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor...J. G. Kincanon, 215 Mont-
gomery, San Francisco.

COST, \$30,000

FRAME FLATS

(3003) E TWELFTH AVE 250 S Ca-
brillo S 25x E 120. All work for two-
story frame flats.

Owner.....Martin Hanley.

Architect...None.

Contractor...W. A. Savage, 1222 12th
Ave., San Francisco.

Filed Sept. 1, '14. Dated Aug. 22, '11.

Enclosed and roof on.....\$1250

Brown coated 1250

Completed 1250

Usual 35 days..... 1250

TOTAL COST, \$5000

Bond, \$2500. Surety, Pacific Coast

Casualty Co. Limit, 80 days. Forfeit,

none. Plans and specifications "filed."

FRAME COTTAGE

(3004) S CRESCENT AVE 23-4 E
Rosco E 23-1x8 75 ptn Lots 27, 29, 31
Holiday Map A. Concrete, carpenter,
painting, plumbing, plaster, etc., for
five-room and bath cottage.

Owner.....Nettie and Wm. Sexsmith,
302 Crescent Ave., S. F.

Architect...None.

Contractor..D. Houle, 660 Market, San Francisco.
 Filed Sept. 1, '14. Dated Aug. 26, '14.
 Frame up\$41.50
 Brown coated 541.50
 Completed 541.50
 Usual 35 days 541.50
 TOTAL COST, \$2166.00
 Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

CLASS "A" HOTEL

005) W POWELL 91-3 N Post N 46-1xW 80. Gas fitting, plumbing, sewerage, stand pipes and fixtures for 15-story Class "A" hotel building.
 Owner.....J. Sockolov, 1557 O'Farrell San Francisco.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.
 Contractor...A. J. Silva, 1438 Buchanan, San Francisco.

Filed Sept. 1, '14. Dated Aug. 11, '14.
 Roughed in to 2nd floor.....\$ 800.00
 Roughed in to 8th floor..... 500.00
 Roughed in to 12th floor..... 600.00
 Roughed in to 15th floor..... 600.00
 Roof and storage tanks set... 600.00
 Roughing in completed..... 3126.80
 All fixtures completed in every 5 floors 300.00
 House pump in place..... 665.00
 Completed and accepted..... 7137.40
 Usual 35 days 6526.80
 TOTAL COST, \$21,756.00
 Bond, \$10,878. Surety, Massachusetts Bonding and Insurance Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

006) W TWENTY-NINTH AVE 175 N Anza N 25 W 158 m or 1 S 25 E 156 m or 1. All work for one-story frame residence.

Owner.....Arthur I. Franklin and wife, Margaret Franklin.
 Architect...Albert Whitman.
 Contractor...Albert Whitman, 2321 Anza, San Francisco.

Filed Sept. 1, '14. Dated Aug. 6, '14.
 Frame up and roof on.....\$900
 When plastered 500
 When finished 500
 Usual 35 days 300
 TOTAL COST, \$2200
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

007) S QUESADA AVE 300 E Newhall. All work for one and one-half story frame residence.

Owner.....Wm. J. Cleary.
 Architect...None.
 Contractor...Patrick H. Madden, 1527 Jerrold Ave., S. F.

Filed Sept. 1, '14. Dated Aug. 31, '14.
 Frame up\$520
 Brown coated 520
 Completed and accepted..... 520
 Usual 35 days 520
 TOTAL COST, \$2050
 Bond, none. Limit, 60 days after Sept. Forfeit, none. Plans and specifications filed.

CLASS "C" APARTMENTS

008) N POST 50 W Larkin W 50xN 120. Steam heating, steam fitting, oil tank, etc., for five-story Class "C" apartment building.

Owner.....J. H. Keefe, 820 O'Farrell, San Francisco.
 Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor..The Turner Co., 278 Natoma, San Francisco.

Filed Sept. 1, '14. Dated Aug. 27, '11.
 Plumbing roughed in.....\$700
 Finished and completed..... 700
 Usual 35 days..... 470
 TOTAL COST, \$1870
 Bond, \$935. Surety, The Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications, none.

SHEET METAL WORK FOR IOWA

STATE BUILDING

(3009) EXPOSITION SITE. Sheet metal, etc., for Iowa Building.

Owner.....Iowa Commission to Panama-Pacific International Exposition.
 Architect...Shockey & Cleveland.
 Contractor...Hibernia Sheet Metal Wks 219 7th, San Francisco.

Filed Sept. 2, '14. Dated Aug. 17, '14.
 Monthly payments as work progresses of 75%
 Usual 35 days..... 25%
 TOTAL COST, \$125
 Bond, none. Limit, Dec. 1, '14. Forfeit, \$5. Specifications only filed.

APARTMENTS

(3010) W TAYLOR 100 S Sutter. Structural steel and rods for brick work for brick and steel frame apartment building of five stories.

Owner.....J. Forrest Wyman, 1959 Hayes, San Francisco.
 Architect...Edw. E. Young, 251 Kearney, San Francisco.

Contractor..Golden Gate Iron Works, 1541 Howard, S. F.
 Filed Sept. 2, '14. Dated June 11, '14.
 1st floor beams in place..... 25%
 Steel frame set..... 25%
 Steel frame riveted..... 25%
 Usual 35 days..... 25%
 TOTAL COST, \$5000

Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

SHEET METAL WORK FOR CLUB

(3011) LOCATION NOT GIVEN.

Sheet metal for new quarters in Merchants' Exchange Building.
 Owner.....The San Francisco Commercial Club.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
 Contractor..The Forrester Corncise Works, 269 Potrero Ave., San Francisco.

Filed Sept. 2, '14. Dated Aug. 24, '14.
 Monthly payments of 75%
 Usual 35 days 25%
 TOTAL COST, \$2780
 Bond, \$2780. Surety, National Surety Co. Limit, Dec. 10. Forfeit, \$10. Specifications only filed.

(3012) DIRECT STEAM HEATING & ventilating system on above.

Contractor..Mangrum & Otter, Inc., 561 Mission, San Francisco
 Filed Sept. 2, '14. Dated Aug. 22, '14.
 Payments same as above.....

TOTAL COST, \$3750
 Bond, \$3750. Surety, National Surety Co. Limit, Dec. 10. Forfeit, \$10. Specifications only filed.

APARTMENTS

(3013) SW EIGHTH AVE & KIRKHAM 32-6x95. Carpenter, plastering, painting, plumbing, electric work, tinning for three-story frame building (apartments).

Owner.....C. S. Brundage, 1401 7th Ave., San Francisco.
 Architect...None.

Contractor..Fox Bros., 1375 9th Ave., San Francisco.

Filed Sept. 2, '14. Dated Sept. 1, '14.
 Rough frame up.....\$3062.50
 Brown coated 2662.50
 Completed 3062.50
 Usual 35 days..... 3062.50
 TOTAL COST, \$12,250.00

Bond, none. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

FRAME APARTMENTS

(3014) SE SHRAIDER AND CARL S 112-6xH 27-6. All work for three-story frame apartments.

Owner.....P. D. Bernhard, 1001 Shraider, San Francisco.
 Architect...C. S. McNally, 609 Mechanics Institute Bldg., 57 Post, San Francisco.

Contractor..Harry C. Warwick, Hearst Bldg., San Francisco.
 Filed Sept. 2, '14. Dated Sept. 1, '14.
 On 1st of each month..... 75%
 Usual 35 days 25%
 TOTAL COST, \$12,300

Bond, \$6150. Surety, Aetna Accident & Liability Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

STEAM HEATING CLASS "C" APARTMENTS

(3015) N SUTTER 81 W Taylor N 137-6xW 56-6. Steam heating for four-story Class "C" apartments.

Owner.....Clara M. Clayton, Josephine L. Struve, Geo. W. Livingston, Edwin P. Garfney and Willetta H. Hendrickson, 1009 Shreve Bldg., San Francisco.

Architect...A. G. Lansburgh, M. A. Gunst Bldg., S. F.

Contractor..Atlas Heating & Ventilating Co., Freelon near 4th, San Francisco.

Filed Sept. 2, '14. Dated June 5, '14.
 All pipes roughed in..... 50%
 Completed and accepted..... 25%
 Usual 35 days..... 25%
 TOTAL COST, \$1246

Bond, \$623. Surety, Fidelity & Deposit Co. of Maryland. Limit, \$ months. Forfeit, \$10. Specifications only filed.

(3016) PAINTING, VARNISHING wood finishing on above.

Contractor..Fred Wagner, 2850 Harrison, San Francisco.

Filed Sept. 2, '14. Dated June 5, '14.
 Monthly payments of 75%
 Usual 35 days 25%
 TOTAL COST, \$1512

Bond, \$756. Surety, Southwestern Surety Insurance Co. Limit, \$ months. Forfeit, \$10. Specifications only filed.

(3017) PLUMBING & GAS FITTING on above.

Contractor..Wm. F. Wilson, 318 Mason, San Francisco.

Filed Sept. 2, '14. Dated June 5, '14.
 Payments same as above.....

TOTAL COST, \$6000
 Bond, \$3000. Surety, New England Casualty Co. Limit, \$ months. Forfeit \$10. Specifications only filed.

APARTMENTS

(3018) NW HYDE AND PINE. Four-story and basement brick (21) apartments.

Owner.....Herman Hogrefe, 1011 Hyde, San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work. COST, \$25,000

ADDITIONS

(3019) N SAN BRUNO 25 E Haskins.
Add 8 rooms.

Owner.....P. Pantoleon, 3476 San
Bruno Ave., S. F.

Architect...None.

Day's work. COST, \$1000

ALTERATIONS

(3020) NO. 1233 TAYLOR. Install
steam heat and patent chimney.

Owner.....Wm. Hencke.

Architect...None.

Contractor...Atlas Heating & Ventila-
ting Co., 4th & Freelon,
San Francisco.

(COST, \$600

RESIDENCE

(3021) SE VINCENT & TWENTY-
third. One-story and basement frame
dwelling.

Owner.....E. Peterson, 116 Dolores,
San Francisco.

Architect...None.

Contractor...Frank Elvin, 4017 18th,
San Francisco.

COST, \$100

RESIDENCE

(3022) S LINCOLN WAY 107-6 E 24th
Ave. Two-story and basement
frame dwelling.

Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.

Architect...None.

Day's work. COST, \$2500

RESIDENCE

(3023) W TWENTY-EIGHTH AVE
100 S Clement. Two-story and base-
ment six-room dwelling.

Owner.....Hansen Walton, Premises.

Architect...None.

Day's work. COST, \$2500

ALTERATIONS

(3024) NO. 160 POWELL. Remove &
replace new windows.

Owner.....Kitchener-Schmullian Co.,
Inc., Premises.

Architect...None.

Contractor...The Fink Schindler Co.,
228 13th, San Francisco.

COST, \$450

ALTERATIONS

(3025) NE GRANT AVE & PACIFIC.
Minor changes in saloon.

Owner.....L. Abraham, 717 Market,
San Francisco.

Architect...None.

Contractor...T. H. Meek, 1157 Mission,
San Francisco.

COST, \$850

ALTERATIONS

(3026) CORTLAND NO. 35. Raise
dwelling, concrete foundation and
add to same.

Owner.....C. Accard, Premises.

Architect...None.

Contractor...M. Novello, 75 Gladys,
San Francisco.

COST, \$800

RESIDENCE

(3027) E TWENTY-FOURTH AVE 100
S Anza. Two-story frame dwelling.

Owner.....Geo. F. and Lucy L.
Cleece, 524 27th Ave., S. F.

Architect...None.

Contractor...Geo. F. Cleece, 524 27th
Ave., San Francisco.

COST, \$2450

GARAGE

(3028) W CASTRO 46-5 N 16th. One-
story brick private garage.

Owner.....Adolph Huber, 282 Castro,
San Francisco.

Architect...H. Geilfuss, 46 Kearny,
San Francisco.

Contractor...Camp & Carillon, 110
Jessie, San Francisco.

COST, \$800

ALTERATIONS

(3029) SE MISSISSIPPI AND 17TH.
Construct mezzanine floor and make
minor alterations.

Owner.....Berger & Carter, 504 Mis-
sion, San Francisco.

Architect...None.

Contractor...Frank Elvin, 4017 18th,
S. F.

COST, \$1400

STORE

(3030) NO. 3597 MISSION. One-story
frame store.

Owner.....M. Crown, Premises.

Architect...None.

Contractor...H. Cohn, 1515 Ellis, S. F.

COST, \$150

ALTERATIONS

(3031) FOURTEENTH AND NOE. Re-
shingle roof.

Owner.....German Hospital, Prem.

Architect...None.

Day's work. COST, \$400

SHED

(3032) NO. 2219 PINE. Alter shed.
Owner.....Geo. Brann, Premises.

Architect...None.

Contractor...H. M. Grieb, 1020 Green-
wich, San Francisco.

COST, \$500

ALTERATIONS

(3033) NO. 385 EDINBURGH. Con-
crete foundation and floor and minor
changes.

Owner.....Mrs. J. Peoli, 387 Edin-
burgh, San Francisco.

Architect...None.

Contractor...H. E. Doyal, 51 Curtis,
San Francisco.

COST, \$800

ALTERATIONS

(3034) NO. 2740 MISSION. Alter front
and minor changes.

Owner.....Hind Co., 245 Montgomery,
San Francisco.

Architect...None.

Contractor...Chas. E. Urfer, 555 Pine,
S. F.

COST, \$855

SIGNS

(3035) NO. 749 MARKET. Electric
signs.

Owner.....V. Odeon, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.

COST, \$150

ALTERATIONS

(3036) NO. 18 OHIO. Alter and add
and repair rooming house.

Owner.....G. Faleri, 922 Vallejo,
San Francisco.

Architect...J. Devenenzi, 1069 Union,
San Francisco.

Contractor...Devenenzi Bros. & Co.,
1069 Union, San Francisco

COST, \$900

RESIDENCE

(3037) E SIXTEENTH AVE 263

California. Two-story and basement
frame dwelling.

Owner.....J. M. Peters, 1010 Balbo,
San Francisco.

Architect...None.

Day's work. COST, \$450

CONCRETE AND STEEL GARAGE

(3038) W GOUGH 127-8 1/2 N Sacra-
mento N 40x W 138-6. Concr.
and reinforcing steel for garage.

Owner.....A. W. Wilson, 1925 Gough,
San Francisco.

Architect...C. A. Meussdorffer, Hun-
boldt Bank Bldg., S. F.

Contractor...Foster Vogt Co., Inc.,
Sharon Bldg., S. F.

Filed Sept. 3, '14. Dated Sept. 1, '14.

Walls ready for garage ceiling
joists1200.

Completed and accepted.....890.

Usual 35 days.....695.

TOTAL COST, \$2787.

Bond, none. Limit, 25 days after Sep-
2. Forfeit, none. Plans and specifica-
tions filed.

ALTERATION TO BUILDING

(3039) NO. 433 CALIFORNIA; SE Ca-
lifornia and Leidesdorff. Alteration
construction and repair work on 3
floor Insurance Exchange Building.

Owner.....The Insurance Exchange
Premises.

Architect...Willis Polk & Co., Hoban
Bldg., San Francisco.

Contractor...W. D. Henderson, M
nadnock Bldg., S. F.

Filed Sept. 3, '14. Dated Aug. 27, '14.

Brown coated40

On completion33

Usual 35 days.....21

TOTAL COST, \$41

Bond, limit, forfeit, none. Plans and
specifications filed.

FRAME FLATS

(3040) N FILBERT 137-6 E Mas-
22-1 1/2x62-6. All work for three
story and basement frame flats.

Owner.....Secundo and Maria Toc-
cetti, 1538 Stockton, S. F.

Architect...Louis Mastropasqua, 3
Washington, S. F.

Contractor...Antonio Draga, 731 Che-
ry, San Francisco.

Filed Sept. 3, '14. Dated Aug. 18, '14.

Frame up and roof on.....\$16

1st coat plaster on.....16

Completed and accepted.....16

Usual 35 days.....16

TOTAL COST, \$65

Bond, \$2150. Sureties, Vincenzo Fass
and S. Steinberg, Limit, 90 days. Fo-
refeit, none. Plans and specifica-
tions filed.

ELEVATORS

(3041) N SUTTER 81-6 W Taylor

Electric passenger elevator for blo-

Owner.....Clara W. Clayton, Jos-
phine L. Struve, Geo. J.

Livingston, Edwin
Gaffney and Willetta

Hendrickson, Shreve Bld
San Francisco.

Architect...G. Albert Lansburgh, M.
Gust Bldg., S. F.

Contractor...Otis Elevator Co., Bea-
con and Stockton, S. F.

Filed Sept. 3, '14. Dated July 30, '14.

Upon shipment of engine.....

Engine in permanent position.....

In complete running order.....

TOTAL COST, \$2

Ind. \$1000. Surety, National Surety Co. Limit, forfeit, none. Specifications only filed.

OTTAGE

(42) S ARMY 187-6 W Diamond W 7-6x11.5. All work for one-story and basement cottage.
Owner.....H. B. Jones.
Architect.....None.

Contractor.....Mager Bros., 110 Jessie, San Francisco.

Filed Sept. 4, '14. Dated Sept. 1, '14.
Frame up\$537
Brown coated537
Accepted537
Usual 35 days539

TOTAL COST, \$2150

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

MARBLE WORK FOR CLUB

(43) IN THE MERCHANTS' Exchange Building. Marble work for new quarters of S. F. Commercial Club.

Owner.....The San Francisco Commercial Club.

Architect.....W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor.....The Mission Marble Works 363 Guerrero, S. F.

Filed Sept. 4, '14. Dated Aug. 25, '14.
Usual work progresses payments 75%
Usual 35 days25%

TOTAL COST, \$2955

Bid, \$1480. Surety, The Aetna Accident & Liability Co. Limit, Dec. 10. Forfeit, \$10. Specifications only filed.

FRAME BUILDING

(44) S SACRAMENTO 87-6 W Maple Y 187-6 S 132-7 1/4 W 137-6 S 132-7 1/4 Y 412-6 N 132-7 1/4 W 87-6 N 132-7 1/4. Excavation, concrete, carpenter, framing, roof boarding, exterior sheathing, floors, composition floor, exterior finish, windows, doors, interior finish, stairs, hardware, tin and galvanized iron, lath, plaster, painting, tinting and composition roof for two-story frame building.

Owner.....Hospital for Children and Training School for Nurses

Architect.....Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor.....George Healing, 3665 Sacramento, San Francisco.

Filed Sept. 4, '14. Dated Aug. 31, '14.

Concrete work done and rough frame done\$929.50

Roof on, enclosed, and rough master done929.50

Completed and accepted929.50

Usual 35 days929.50

TOTAL COST, \$3718.00

and \$1859. Sureties, Milton L. Perry and Geo. Dahlbender. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

ELECTRIC WORK

(45) N SUTTER 81 W Taylor N 37-6xW 56-6. Electric wiring for four-story Class "C" building.

Owner.....Clara M. Clayton, Josephine L. Struve, Geo. W. Livingston, Edward P. Gaffney and Willetta H. Hendrickson, Shreve Bldg., San Francisco.

Architect.....G. Albert Langsbury, M. A. Gunst Bldg., S. F.

Contractor.....General Elec. Constr. Co., 219 Minna, San Francisco.

Filed Sept. 4, '14. Dated Aug. 1, '14.

Conduits roughed in, outlet

boxes, switch boxes, switch boards and panel boards in.....\$900
Completed and accepted.....900
Usual 35 days.....600

TOTAL COST, \$2400

Bond, \$1200. Surety, Massachusetts Fidelity & Insurance Co. Limit, 8 months. Forfeit, \$10. Plans and specifications filed.

FRAME FLATS

(3016) 45-10 ON S FILBERT, bet Hyde and Leavenworth 202-2 E Hyde. All work except electric wiring and painting for two-story frame flats.

Owner.....Sarah H. Spalsbury, 1137 Filbert, San Francisco.

Architect.....John J. Foley, 46 Kearny, San Francisco.

Contractor.....J. D. Bell, Pacific Bldg., San Francisco.

Filed Sept. 4, '14. Dated Sept. 1, '14.

Frame up\$825

Ready for lathing825

Completed825

Usual 35 days825

TOTAL COST, \$3300

Bond, none. Limit, Dec. 15. Forfeit, none. Plans and specifications filed.

(3047) EXPOSITION SITE. Exhibit enclosure, office, moving picture theatre, finish floor over area, reinforcement of present floor and various exhibit platforms in Mines and Metallurgy Building.

Owner.....United States Steel Products Co., Pacific Coast Department, Rialto Bldg., San Francisco.

Architect.....Specifications by Owner.

Contractor.....Gutleben Bros., Monadnock Bldg., S. F.

Filed Sept. 5, '14. Dated Sept. 1, '14.

On 1st of each month75%

Usual 35 days25%

TOTAL COST, \$3792

Bond, limit, none. Forfeit, \$10. Plans and specifications filed.

FRAME APARTMENTS

(3048) NW FULTON AND FRANKLIN

N 62xW 55. All work for three-story and basement frame apartment building.

Owner.....James E. Reiter.

Architect.....C. O. Clausen, Hearst Bldg., San Francisco.

Contractor.....Ratto & Ratto, 232 Hartford, San Francisco.

Filed Sept. 5, '14. Dated Sept. 4, '14.

Real estate valued at \$1500 on E 22nd Ave 250 N "U" N 25xE 120

Payments as follows:

Frame up and roof on\$2475

Roof completed, rough floors on,

rough pipes for steam heat and plumbing in \$2475 and \$375 applied on payments of lot.....

White coat plaster on exterior and mill work completed, \$4950

and \$375 applied on lot.....

Completed and accepted, \$4950

and \$375 applied on lot.....

Usual 35 days, \$4950 and \$375

applied as final payment on lot

and deed delivered to contractor

TOTAL COST, \$21,300

Bond, \$10,650. Surety, Fidelity & Deposit Co. of Maryland. Limit, 4 months. Forfeit, none. Plans and specifications filed.

FRAME STORE AND FLAT

(3049) E FILLMORE 55-6 S Filbert S 22xE 87-6. Alterations and additions for two-story frame store and flat.

Owner.....P. A. Anderson, Fillmore near Filbert, S. F.
Architect.....George L. Streshly.
Contractor.....George L. Streshly, 2400 Van Ness Ave., S. F.

Filed Sept. 5, '14. Dated Sept. 4, '14.

Raising, grading, foundations, rat proofing and underpinning done\$620

Plumbing, electric work & lathing done620

Completed620

Usual 35 days620

TOTAL COST, \$2480

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Oakland.

No.	Owner	Contractor	Am't
2169	Terry	Reed	1600
2170	Oakland	Faulkes	1370
2171	Same	Same	685
2172	Same	Same	685
2173	Same	Same	835
2174	Same	Same	1370
2175	Same	Same	1370
2176	Meredith	McPhee	10250
2177	Peake	Carlson	3000
2178	Trimlett	Trimlett	1600
2179	West Okd Hme.	Thomson	400
2180	Wolf	Bay City Cabinet	500
2181	Ventre	Ventre	1650
2182	McNear	Schnebley	900
2183	Ellisen	Ellisen	1550
2184	Frederickson	Owner	2500
2185	Woodburn	Owner	7500
2186	Towne	Owner	5000
2187	Whalin	Whalin	4000
2188	Brown	Van Sant	5000
2189	Goldman	Hoots	9070
2190	Martins	Silva	1250
2191	Perry	Horne	400
2192	Davidson	Davidson	400
2193	Montanis	Corbett	500
2194	Talcott	Fake	1000
2195	Donovan	Carter	3700
2196	Gomes	Gomes	1700
2197	College	Baccus	2500
2198	Greater Okd Mkt.	Clarke	10139
2199	Brasch	Brasch	1600
2200	Key Route	Baccus	20000
2201	Donovan	Carter	1900
2202	Donovan	Carter	1900
2203	Loatza	Pedersen	400
2204	Martin	Bradhoff	400
2205	Hall	Heinmeyer	845
2206	Smith	Smith	1600
2207	Mills	Helstein	400
2208	Sullivan	Sullivan	1000
2209	Ferrari	Valente	1875
2210	Okd Hme Corp	Owner	2425
2211	Same	Same	2425
2212	Same	Same	2425
2213	Buhem	Brown	1750
2214	Eschbacher	Nelson	4362
2215	Bolts	Bolts	2500
2216	Frang	Frang	2200
2217	Same	Same	2500
2218	Same	Same	2500
2219	Faulo	Gardner	500
2220	Clarke	Stanage	345
2221	Chester	Swalley	1431
2222	Newell	Newell	700
2223	Warren	Wielen	2200
2224	Grenzler	Peterson	1700
2225	Sturtevant	Peterson	2500
2226	Woodard	Woodard	2500
2227	Norris	Baughman	900

REPAIRS

(2169) N E-TWENTY-SECOND 550 W Fruitvale Ave., Oakland. Fire repairs.

Owner.....Mrs. Terry.

Architect.....None.

Contractor.....C. W. Reed, 2545 Scenic Ave., Oakland.

COST, \$1600

SCHOOL

(2170) TWENTY-SIXTH AVE AND E-9th, Oakland. Two one-story school houses for Lazear School.

Owner.....City of Oakland.

Architect.....None.

Contractor.....J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$1370

SCHOOL

(2171) CHERRY AVE Cor. 98th Ave.,

Oakland. One-story school house for Elmhurst School.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$685

SCHOOL

(2172) EIGHTY-FIFTH AVE. Cor. A St., Oakland. One-story school house for Highland School.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$653

SCHOOL

(2173) VANCIO Cor. Congress Ave., Oakland. One-story school house for Melrose Heights School.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$685

SCHOOL

(2174) NW PERRY AND VAN BUREN Oakland. Two one-story school buildings for Lakeview School.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$1370

SCHOOL

(2175) SE COLLEGE AVE & BIRCH Court, Oakland. Two one-story school houses for Claremont School.
Owner.....City of Oakland.
Architect...None.
Contractor...J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$1370

STORES

(2176) LOT 63 BLK "H" Broadway Terrace Cor. Broadway and College Ave., Oakland. All work for one-story frame, brick and reinforced concrete store building.
Owner.....Wynn Meredith, Alameda.
Architect...Walter D. Reed, Oakland Bank of Svcs. Bldg., Okd.
Contractor...A. J. McPeck, 2144 E-27th, Oakland.
Filed Aug. 31, '14. Dated Aug. 27, '14.
Once a month 75%
Usual 35 days 25%

TOTAL COST, \$10,250

Bond, none. Limit, 30 days after Aug. 27. Forfeit, \$10. Plans and specifications filed.

RESIDENCE

(2178) LOT 23 BLK 9, Thousand Oaks, Oakland Tp. All work for one-story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Contractor...Chris Engelsen and A. Carlson.

Filed Aug. 31, '14. Dated Aug. 29, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$3900

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2179) W FORTY-FOURTH AVE 150 S E-12th, Oakland. One-story five-room dwelling.

Owner.....R. Trimlett, 3136 High, Oakland.
Architect...None.
Day's work. COST, \$1600

REPAIRS

(2180) NW NINTH AND CAMPBELL, Oakland. Reshingle and repair.
Owner.....West Oakland Home Association, Premises.
Architect...None.
Contractor...Alex Thomson, 2766 Grove Oakland.

COST, \$100

ALTERATIONS

(2181) NO. 1323 WASHINGTON, Oakland. Alterations.
Owner.....A. Wolf, Premises.
Architect...None.
Contractor...Bay City Cabinet Co., 1080 Fifth, Oakland.

COST, \$500

RESIDENCE

(2182) N MERA 73 E 40th Ave., Oakland. One-story 4-room dwelling.
Owner.....Mrs. K. Ventre, 3912 San Juan, Oakland.
Architect...None.
Contractor...Jas. Ventre, 4145 E-14th, Oakland.

COST, \$1650

ALTERATIONS

(2184) COR. TWENTIETH AND SAN Pablo Ave., Oakland. Alterations.
Owner.....Geo. W. McNear, Premises.
Architect...—McDougall.
Contractor...Schnebl, Hostrawser & Pedgrift, 6th and Jackson, Oakland.

COST, \$900

RESIDENCE

(2185) N ARIZONA 250 E Maple, Oakland. One-story 6-room dwelling.
Owner.....Morris Ellisen Co., Corner Edison Ave and Hopkins, Oakland.
Architect...None.
Day's work. COST, \$1550

RESIDENCE

(2186) W FRUITVALE AVE ST N E-15th, Oakland. Two-story 5-room dwelling.
Owner.....A. Frederickson, 1508 Fruitvale Ave., Oakland.
Architect...None.
Day's work. COST, \$750

RESIDENCE

(2187) W VISTA 190 N Wellington, Oakland. One-story 6-room dwlg.
Owner.....Paul E. Woodburn, 3965 Greenwood Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS

(2188) NO. 440 LAGUNA, Oakland. Alterations.
Owner.....Mrs. A. J. Towne, Prem.
Architect...None.
Contractor...F. G. Jones, 1217 Webster, Oakland.

COST, \$500

FRAME ADDITION

(2189) NE TWENTY-FOURTH AND Broadway, Oakland. One-story six-room addition to frame offices.
Owner.....W. E. Whalin, Bacon Bldg Oakland.
Architect...None.
Day's work. COST, \$4000

ALTERATIONS

(2190) NE TENTH & WASHINGTON Oakland. Alterations to stores a side walk.
Owner.....A. Brown, Premises.
Architect...Bakewell & Brown, Kearny, San Francisco.
Contractor...Van Sant-Houghton, 1st and Market, S. F.

COST, \$500

FRAME COTTAGES

(2191) SE FOURTH AVE 100 NE 18th NE 75xS 125. All work except wall beds, electric fixtures, shade and sidewalk for 5 one-story frame apartment cottages.
Owner.....Wm. Goldman.

Architect...Kidd & Anderson, Kearny, San Francisco.

Contractor...John A. Hoots & Son. Filed Sept. 1, '14. Dated Aug. 31, '14.
Frames of 3 buildings up...\$1700
All frames up and 3 buildings enclosed 1700
Brown coated 1700
Completed and accepted 1702
Usual 35 days 2263

TOTAL COST, \$9070

Bond, \$4535.20. Sureties, Edw. Young and H. B. Pinney. Limit, 30 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2192) W EIGHTY-THIRD AVE end of Avenue, Oakland. One-story 4-room dwelling.
Owner.....Juliana Martins, 1016 S. Ave., Oakland.
Architect...None.
Contractor...Silva & Luzane, 2869 Folsom, Oakland and 2516 Poplar, Oakland.

COST, \$1100

REPAIRS

(2193) NO. 5271 BOYD AVE., Oakland. Repairs.
Owner.....D. E. Perry, 931 Heald Bldg., San Francisco.
Architect...None.
Contractor...E. L. Horner, 107 13th, Oakland.

COST, \$1000

STEAM HEATING SYSTEM

(2174) SW ELEVENTH & FRANKLIN, Oakland. Steam heating system.
Owner.....Davidson Bros.
Architect...None.
Day's work. COST, \$1000

ALTERATIONS

(2195) NO. 427 TWELFTH, Oakland. Alterations.
Owner.....Montanis & Co., Premises.
Architect...None.
Contractor...Corbett & Bayliss, Franklin, Oakland.

COST, \$1000

GARAGE

(2196) SE HIGH AND BOULEVARD, Oakland. Garage.
Owner.....J. K. Talcott, Premises.
Architect...None.
Contractor...A. E. Fake, 1552 10th Ave., Oakland.

COST, \$1000

FLATS

(2197) E TELEGRAPH AVE 175 63rd, Oakland. Two-story 11-room dwelling.
Owner.....James J. Donovan, 6 Telegraph Ave., Oakland.
Architect...None.

Contractor..C. M. Carter, 5240 Telegraph Ave., Oakland.
COST, \$3700

RESIDENCE

(2198) N E-SEVENTEENTH 135 E 18th Ave., Oakland. One-story 6-room dwelling.
Owner.....J. L. Gomes, 1641 19th Ave. Oakland.
Architect...None.
Day's work. COST, \$1700

ADDITION

(2199) TWENTIETH AND HARRISON, Oakland. One-story 10-room addition.
Owner.....College of Holy Name, Premises.
Architect...None.
Contractor..Bacaus & Kennedy, 565 16th, Oakland.
COST, \$2500

BRICK AND FRAME MARKET

(2200) S SIXTH 100 W Broadway W 125 S 118 E 50 N 18 E 75 N 100, Oakland. Repairs to brick and frame Free Market.
Owner.....Greater Oakland Free Market, Commercial Bldg., Oakland.
Architect...None.
Contractor..W. I. Clarke.
Filed Sept. 1, '14. Dated Aug. 18, '14. In accordance with agreement between owner and contractor.
TOTAL COST, \$10,139
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REMODEL FLATS

(2201) TWENTY-SIXTH 150 E San Pablo Ave., Oakland. Remodel flats.
Owner.....M. P. Brash, 5535 Ocean View Drive, Oakland.
Architect...None.
Day's work. COST, \$1000

CLASS "C" OFFICE BUILDING

(2202) TWENTY-SECOND & GROVE, Oakland. Finish 3-story Class "C" office building.
Owner.....S. F. O. T. Railway, Syndicate Bldg., Oakland.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor..Bacaus & Kennedy, 565 16th, Oakland.
COST, \$20,000

RESIDENCE

(2203) E TELEGRAPH AVE 140 N 63rd, Oakland. One-story 6-room dwelling.
Owner.....James J. Donovan, 6339 Telegraph Ave., Oakland.
Architect...None.
Contractor..C. M. Carter, 5240 Telegraph Ave., Oakland.
COST, \$1900

RESIDENCE

(2204) E TELEGRAPH AVE 100 N 63rd, Oakland. One-story six-room dwelling.
Owner.....James J. Donovan, 6339 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$1900

ALTERATIONS

(2207) NO. 3041 ELMWOOD AVE., Oakland. Alterations.
Owner.....Miss Dolores Loniza, 129 Washington, Oakland.
Architect...None.

Contractor..M. Pedersen, 1131 90th Ave., Oakland.
COST, \$400

ADDITIONS

(2208) NO. 4016 PENNIMAN, Oakland Addition.
Owner.....Chas. Martin, 3531 Market, Oakland.
Architect...None.
Contractor..C. O. Bradhoff, 911 55th, Oakland.
COST, \$100

RESIDENCE

(2209) W EIGHTY-FOURTH AVE 146 N E-14th, Oakland. One-story four-room dwelling.
Owner.....C. C. Hall, 8330 E-14th, Oakland.
Architect...None.
Contractor..Fred Heinmeyer, 1433 84th Ave., Oakland.
COST, \$845

RESIDENCE

(2210) E DELL VIEW, bet School and Nichol, Oakland. Two-story 5-room dwelling.
Owner.....Mrs. Lena Smith, 3263 School, Oakland.
Architect...None.
Day's work. COST, \$1600

ADDITIONS

(2211) NO. 531 CHESTNUT, Oakland. Addition.
Owner.....Mrs. Mills, Premises.
Architect...None.
Contractor..Oscar Hellstein, 1730 E-21st, Oakland.
COST, \$400

RESIDENCE

(2212) E RANSOME 80 N Santa Rita, Oakland. One-story 5-room dwelling.
Owner.....D. J. Sullivan, 2131 E-15th, Oakland.
Architect...None.
Day's work. COST, \$1000

RESIDENCE

(2213) E HARRISON AVE 450 S 103rd Ave., Oakland. One-story five-room dwelling.
Owner.....G. Ferrari, Oakland.
Architect...None.
Contractor..M. E. Valente, 5882 Vallejo Oakland.
COST, \$1875

RESIDENCE

(2214) NE BROOKDALE AVE AND Bartlett, Oakland. One-story five-room dwelling.
Owner.....Oakland Home Corp., 1st National Bank Bldg., Okd.
Architect...1st National Bank Bldg., Berkeley.
Day's work. COST, \$2425

RESIDENCE

(2215) NW BROOKDALE & BARTlett, Oakland. One-story five-room dwelling.
Owner.....Oakland Homes Corp., 1st National Bank Bldg., Okd.
Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$2425

RESIDENCE

(2216) SW BROOKDALE AVE AND Bartlett, Oakland. One-story eight-room dwelling.
Owner.....Oakland Homes Corp., 1st National Bank Bldg., Okd.

Architect...C. C. Dakin, 1st National Bank Bldg., Oakland.
Day's work. COST, \$3500

RESIDENCE

(2217) 20 FEET EACH LOT 15 AND 16 Blk 21, Boulevard Park, Oakland. All work for one-story 6-room dwlg.
Owner.....August Duham, 9821 "B," Oakland.
Architect...Ivan C. Satterlee, 819 35th, Oakland.
Contractor..Tom Brown, 1642 89th Ave. Oakland.

Filed Sept. 4, '14. Dated Aug. 16, '14. Owner pays all bills when due Foundations when in.....
TOTAL COST, \$1750
Bond, none. Limit, 60 days after date of agreement. Forfeit, none. Plans and specifications filed.

RESIDENCE

(2226) W FIFTY-FIRST AVE 120 N Boulevard, Oakland. One-story 5-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2200

RESIDENCE

(2227) N E-ELEVENTH 100 E Second Ave., Oakland. One-story 5-room dwelling.
Owner.....C. J. Pfrang, Hudson and Claremont, Oakland.
Architect...None.
Day's work. COST, \$2500

RESIDENCE

(2228) E SIXTY-FIFTH AVE 200 S Arthur, Oakland. One-story five-room dwelling.
Owner.....C. J. Pfrang, Hudson and Claremont, Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS

(2229) NO. 3042 UNION, Oakland. Alterations.
Owner.....A. Paulo, 3638 West, Okd.
Architect...None.
Contractor..E. J. Gardner, 964 34th, Oakland.
COST, \$500

FRAME GARAGE

(2230) NE FIFTY-SEVENTH AND Grove, Oakland. All work except plumbing, painting and electric work for one-story and loft frame garage.
Owner.....Dr. Austin Clarke, Oakland Bank of Svgs Bldg., Oakland.
Architect...None.

Contractor..D. U. Stunage and O. M. Houghton, 896 55th, Okd.
Filed Sept. 5, '14. Dated Sept. 4, '14. Completed and accepted.....\$345
Usual 35 days.....\$345
Bond, none. Limit, 20 days after Sept. 4. Forfeit, none. Plans and specifications filed.

REPAIR DWELLING

(2231) LOT 32 Grand Ave Terrace, being No. 803 Walker Ave., Oakland. Alter and repair dwelling.
Owner.....E. P. Chester, Oakland.
Architect...None.
Contractor..H. M. Swalley, 476 Chenery Ave., Oakland.
Filed Sept. 5, '14. Dated Sept. 3, '14. Ready for plaster.....\$300.00



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wiring in 300.00
Wood work completed and
plumbing fixtures in 300.00
Completed 4 531.20
TOTAL COST, \$1431.30

Bond, none. Limit, 40 days. Forfeit,
none. Plans and specifications filed.

RESIDENCE

(2219) E PEACH 225 S 92nd Ave.,
Oakland. One-story 4-room dwlg.
Owner.....Geo. A. Newell, 9236 Peach,
Oakland.

Architect...None.
Day's work. COST, \$700

RESIDENCE

(2220) W THIRTY-FIFTH AVE 200 N
Davis, Oakland. One-story five-room
dwelling.

Owner.....Geo. R. Warren, E-17th &
Fruitvale Ave., Oakland.
Architect...None.
Contractor...Alex C. Wieben, 2010 38th
Ave., Oakland. COST, \$2200

RESIDENCE

(2221) E ELSTON 135 N E-38th, Oak-
land. One-story 5-room dwelling.

Owner.....Chas. Geenzler, 1817 5th
Ave., Oakland.
Architect...None.
Contractor...T. S. Peterson, 5472 Boule-
vard, Oakland. COST, \$1700

RESIDENCE

(2222) E WALLA VISTA 155 N El-
wood, Oakland. One and one-half-
story 6-room dwelling.

Owner.....A. J. Sturtevant Jr., 2242
7th Ave., Oakland.
Architect...None.
Contractor...T. S. Peterson, 5472 Boule-
vard, Oakland. COST, \$2500

RESIDENCE

(2223) NW EVERETT AND LEACH
Aves., Oakland. One-story 6-room
dwelling.

Owner.....E. W. Woodard, 2645 13th
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS

(2224) NO. 404 E-TENTH, Oakland.
Alterations.

Owner.....Mrs. V. Norris, Premises.
Architect...None.
Contractor...J. W. Baughman, 1627 5th
Ave., Oakland. COST, \$900

RESIDENCE

(2278) SE GREENBANK AND ROSE
Ave 45x102, Piedmont. All work for
two-story and basement frame dwlg.

Owner.....W. F. Eschbacher, 843 34th
Oakland.
Architect...Chas. W. McCall, Central
Bank Bldg., Oakland.

Contractor...H. P. Nelson, 2241 Grove,
Berkeley.

Filed Sept. 4, '14. Dated Sept. 3, '14.
Frame up, roof sheathed and
brick chimney built.....\$1090.00
Brown coated 1090.00
Completed and accepted..... 1090.00
Usual 35 days..... 1092.50
TOTAL COST, \$4362.50

Bond, \$2400. Sureties, Laura B. and
Wm. Nelson. Limit, 90 days. Forfeit,
\$1. Plans and specifications filed.

Berkeley.

No.	Owner	Contractor	Am't
2177	Richards	Ernsberger	3000
2183	Horgan	Mallanen	2425
2205	Richards	Ernsberger	3000
2206	Berkeley	De Kay	4500
2225	Sells	De Kay	2000

RESIDENCE

(2177) E CLAREMONT AVE 200 S
Eton Court being Lot 2 Boyd Tract,
Berkeley. All work for one and one-
half-story frame dwelling.

Owner.....E. O. Richards, Bkly.
Architect...None.
Contractor...F. A. Ernsberger and V.
Dildine, 5761 Ayala Ave.,
Oakland.

Filed Aug. 31, '14. Dated Aug. 29, '14.
30 days from date.....\$1000
Accepted 1250
Usual 35 days..... 150
TOTAL COST, \$3000

Bond, none. Limit, 60 days after Aug.
31. Forfeit, none. Plans and specifi-
cations filed.

RESIDENCE

(2183) N EUNICE 45 E Arch E 45xN
100, Berkeley. All work for one
and one-half-story 5-room dwelling.

Owner.....D. J. Horgan, 235 Califor-
nia, San Francisco.
Architect...None.

Contractor...Otto Mallanen, 2429-B 9th,
Berkeley.

Filed Aug. 31, '14. Dated Aug. 26, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$2425

Bond, \$1200. Sureties, H. J. Quinn and
H. H. Watson. Limit, 75 days after
August 26. Forfeit, \$1. Plans and
specifications filed.

E. H. Williams Chalmers Munday

Munday & Williams Attorneys-at-Law

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615 Phelan Building, San Francisco

RESIDENCE

(2205) E CLAREMONT 185 S Eton
Court, Berkeley. One and one-half-
story 6-room dwelling.

Owner.....E. A. Richards, 1530
Hawthorne Terrace, Bkly.

Architect...None.
Contractor...Ernsberger & Dildine, 6245
College Ave., Berkeley.

COST, \$3000

GYMNASIUM

(2206) N KITTREDGE 150 E Grove,
Berkeley. One-story two-room gym-
nasium.

Owner.....Berkeley Board of Educa-
tion.

Architect...None.
Contractor...De Kay & Co., 2027 Dela-
ware, Berkeley.

COST, \$4500

COTTAGE

(2225) E McGEE 140 N Cedar, Ber-
keley. One-story 6-room cottage.

Owner.....L. M. Sells, 1531 McGee
Ave., Berkeley.

Architect...None.
Contractor...De Kay & Co., 2027 Dela-
ware, Berkeley.

COST, \$2000

SANTA CLARA COUNTY.

SCHOOL

BLOCK 9, between McKinley and
Frances Sts, Sunnyvale, Cal. School
house.

Owner.....Sunnyvale School District.
Architect...F. D. Wolfe, 1st Nat'l Bk.
Bldg., San Jose.

Contractor...V. C. Parish, Cupertino.

Filed Aug. 3, '14. Dated July 28, '14.
1st floor joists in place.....\$2352
Roof on 2352
Plastered 2352
Wood work complete 2352
Accepted by trustees 2352
Usual 35 days 3920
TOTAL COST, \$15,680

Bond, \$7840. Sureties, R. H. Harrison
and E. J. Parrish. Forfeit, \$5. Limit,
120 days. Plans and specifications
filed.

RESIDENCE

ON BIRD AVE., Willows District, San
Jose. Two-story frame residence.

Owner.....J. W. Chilton, 285 N 1st,
San Jose.

Architect...A. P. Hill, Jr., 94 N 1st,
San Jose.

Contractor...R. C. Helschbach, 320 W
St. James, San Jose.

Filed Aug. 3, '14. Dated —.

Frame up\$1687.25
Plastered 1687.25
Finished 1687.25
Usual 35 days 1687.25
TOTAL COST, \$6749

Bond, \$3,874.50. Sureties, S. H. Chase and F. F. Boes. Forfeit, none. Limit, 100 days. Plans and specifications filed.

RESIDENCE
ON NORTH SIDE OF HAWTHORNE
Way between 1st and San Pedro.
San Jose. One-story frame residence.
Owner.....O. S. Wendt, San Jose.
Architect.....S. G. Pelton, San Jose.
Contractor.....S. G. Pelton, 217 S 1st,
San Jose.

Filed Aug. 8, '14. Dated Aug. 8, '14.
Frame up\$750
Plastered 750
Completed 750
Usual 35 days 750
TOTAL COST, \$3000
Bond, \$1500. Surety, Ida M. Pelton.
Forfeit, none. Limit, 90 days. Plans
and specifications filed.

FRAME RESIDENCE
NW FIFTH AND JULIAN STS., San
Jose. All work for one-story frame
residence.

Owner.....A. F. Biaggi, 918 E-Santa
Clara St., San Jose.
Architect.....Aitken & Richards, Thea-
tre Bldg., San Jose.
Contractor.....A. A. Church, San Jose.
Filed Aug. 8, '14. Dated Aug. 1, '14.
Frame up 1/4
1st coat plaster on 1/4
When completed 1/4
Usual 35 days 1/4
TOTAL COST, \$2421

Bond, \$1210.57. Sureties, A. A. Church
and G. W. Dobson. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

FRAME RESIDENCE
LOT 9 MARGARITE TRACT NO. 2, San
Jose. All work except wiring and
painting (furnished by owner) for
residence.

Owner.....F. S. Roney, 220 N-9th St.,
San Jose.
Architect.....Lee Gardner.
Contractor.....Lee Gardner, 196 Haw-
thorne Ave., San Jose.
Filed Aug. 12, '14. Dated Aug. 11, '14.
Frame up 1/4
1st coat plaster on 1/4
When completed 1/4
Usual 35 days 1/4
TOTAL COST, \$1600
Bond, limit, forfeit, none. Plans and
specifications filed.

ALTERATIONS
NO. 488 NORTH SECOND ST., San Jose
All work except painting for altera-
tions to building.

Owner.....Florence Inskip, Prem.
Architect.....A. P. Hill Jr., 94 N-1st St.,
San Jose.
Contractor.....C. A. Thomas, 692 N-San
Pedro St., San Jose.
Filed Aug. 13, '14. Dated Aug. 11, '14.
When plastered 1/2
When altered and remodeled.... 1/2
Usual 35 days 1/2
TOTAL COST, \$1044
Bond, \$525. Sureties, S. H. Chase and
Henrietta Thomas. Limit, 50 days.
Forfeit, none. Plans and specifications
filed.

FRAME COTTAGE
NEAR GEORGE AND SAN PEDRO
STs., San Jose. All work for frame
cottage.

Owner.....A. Lista, San Jose.
Architect.....C. S. McKenzie, Bank of
San Jose Bldg., San Jose.

Contractor.....G. & L. Seaghlone, San Jose
Filed Aug. 26, '14. Dated Aug. 24, '14.
Frame up 1/4
Brown mortar on 1/4
When finished 1/4
Usual 35 days 1/4
TOTAL COST, \$1400
Bond, limit, forfeit, none. Plans and
specifications filed.

FRAME RESIDENCE
NW COR. TIRE ALAMEDA & EMORY
STs., Santa Clara Co. All work for
two-story frame house.
Owner.....L. Cothran, San Jose.
Architect.....Skillings & Collins, Gar-
den City Bank Bldg., S. J.
Contractor.....W. J. Williams, 31 S-Wil-
lard, San Jose.

Filed Aug. 27, '14. Dated Aug. 27, '14.
Frame up and enclosed 1/4
When plastered 1/4
When completed 1/4
Usual 35 days 1/4
TOTAL COST, \$4158.70
Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

ADDITION ON GARAGE
NO. 582 S-FIRST ST., San Jose. Con-
crete addition on garage.
Owner.....H. L. Moys.
Architect.....Richards & Aitken, Thea-
tre Bldg., San Jose.
Contractor.....R. Wenk, 401 Keys, S. J.
COST, \$500

COTTAGE AND GARAGE
SE THIRTEENTH & SAN ANTONIO,
San Jose. Six-room cottage and
garage.
Owner.....W. M. Lewis, 240 S-16th,
San Jose.

Architect.....None.
Day's work. COST, \$3000
COTTAGE
S HAWTHORNE WAY, San Jose. Six-
room cottage.
Owner.....L. Wolf, 131 Coe Ave., S. J.
Architect.....None.
Day's work. COST, \$2000

COTTAGE
NO. 238 N-TWELFTH, San Jose. Four
room cottage.
Owner.....Mrs. Jackson, Agnew, Cal.
Architect.....None.
Contractor.....John Jonson, 201 N-12th,
San Jose.
COST, \$1400

SAN MATEO COUNTY.

RESIDENCE
PORTION LOT 4-A Map No. 1 of Bowie
Estate, Hillsborough. All work for
two-story residence.

Owner.....Wm. M. Abbott, San Mateo.
Architect.....Edgar A. Mathews, Phelan
Bldg., San Francisco.
Contractor.....Matthews & Griffith, 185
Stevenson, San Francisco.
Filed Sept. 2, '14. Dated Aug. 31, '14.
Frame in position\$ 800
Building enclosed, etc. 2450
Standing finish of 2nd story in
place 825
Completed and accepted 2037
Usual 35 days 2038
TOTAL COST, \$8150
Bond, \$1100. Sureties, D. O. Druffell
and James S. Fennell. Limit, 120
working days. Forfeit, \$20 per day.
Plans and specifications filed.

RESIDENCE
WELLESLEY PARK, Redwood, All

work for six room bungalow.
Owner.....A. J. Martens and F. A.
Martens, Redwood City.
Architect.....None.
Contractor.....John Daly and Donald
Mackenzie, Redwood City.
Filed Sept. 2, '14. Dated Sept. 1, '14.
Frame completed\$649.50
When plastered 619.50
When completed 619.50
Usual 35 days 619.50
TOTAL COST, \$2598.00
Bond, limit, forfeit, none. Plans and
specifications filed.

CONTRA COSTA COUNTY.

HEATING SCHOOL,
111K 67, City of Pittsburg. Heating
and ventilating apparatus for gram-
mar school.
Owner.....Pittsburg Grammar School
District, Pittsburg.
Architect.....A. W. Cornelius, Mer-
chants National Bank
Bldg., San Francisco.
Contractor.....J. J. Seibert and C. R.
Danziger (Seibert Co.)
Filed Sept. 1, '14. Dated Aug. 27, '14.
Plenum chamber and ducts in-
stalled\$ 725
Pipe system installed 725
Boiler installed 725
Fans installed 725
Completed and accepted 697
Usual 35 days 1200
TOTAL COST, \$4797
Bond, \$2400. Surety, Globe Indemnity
Co. Limit, 120 working days. Forfeit,
none. Plans and specifications filed.

SACRAMENTO COUNTY.

FRAME RESIDENCE
TWENTY-SECOND ON LOT 128 West
Curtis Oaks, Sacramento. Eight-
room residence.
Owner.....Richie Sale, 1314 H St.,
Sacramento.
Architect.....None.
Contractor.....Frank Williams, 523 Och-
ser Bldg., Sacramento.
COST, \$1986

FRAME RESIDENCE
TULLAR AVE near J Street Road: N
40 feet of S 88 feet Lot 5 J street
suburban Tet No. 3, Sacramento.
Four-room frame dwelling.
Owner.....M. L. Theobalds, Tullar
Ave., nr J St., Sacramento.
Architect.....None.
Contractor.....Thos. Maher, Elmhurst.
COST, \$1750

FRAME RESIDENCE
NO. 1036 THIRTY-FOURTH: Lot 2 Ad-
dition "A" East Sacramento. Four-
room frame dwelling.
Owner.....R. S. Mackey, 2305 E St.,
Sacramento.
Architect.....None.
Day's work. COST, \$1500

FRAME RESIDENCE
E 70 FEET N OF LOT 7, X, Y, 15TH &
16th STs., Sacramento. Three-room
frame dwelling in rear of No. 2117
15th St.
Owner.....C. Valine, 2417 15th St.,
Sacramento.
Architect.....None.
Day's work. COST, \$900

ADDITION TO RESIDENCE
NO. 1315 M ST., 8 60 feet Lot 1, M, N,
15th and 16th STs., Sacramento. One
story frame addition to dwelling.

Owner.....Dr. A. T. Higgins, Ochsner Bldg., Sacramento.
 Architect...None.
 Contractor...R. M. Smith, 2017 18th St., Sacramento.
 COST, \$850

BRICK, ETC., FOR BUILDING
 E ½ LOT 40x160 feet D, E, 18th and 19th Sts., Sacramento. Brick work, plumbing, etc., for frame building.
 Owner.....Mrs. H. P. Stuart.
 Architect...None.
 Contractor...G. B. Stahl.
 Filed Sept. 1, '14. Dated Aug. 25, '14.
 COST, \$720

REPAIRS
 S ½ LOT 4, K, L, 2nd and 3rd Sts., Sacramento. Remodel and repair store front.
 Owner.....Mazzuchi Bros., 1721 U St., Sacramento.
 Architect...None.
 Contractor...T. Tatti, 2116 O St., Sacramento.
 COST, \$400

RAISE DWELLING
 NO. 3909 STANFORD AVE, Lot 6 Boyle Tract, Sacramento. Raise and finish off six-room dwelling.
 Owner.....A. Miller, 3205 3rd St., Sacramento.
 Architect...None.
 Day's work.
 COST, \$450

FRAME RESIDENCE
 NO. 1217 L ST., on E ½ of S 60 feet Lot 8, X, Y, 12th and 13th Sts., Sacramento. Four-room frame dwlg.
 Owner.....Josephine Glacken, 2200 10th St., Sacramento.
 Architect...None.
 Contractor...J. C. Huston, 1127 W St., Sacramento.
 COST, \$1250

FRAME RESIDENCE
 NO. 331 TWENTY-SECOND ST., Lot 306 Boulevard Park, Sacramento. Six-room frame dwelling.
 Owner.....H. M. Earle, 3028 Magnolia Ave., Sacramento.
 Architect...None.
 Day's work.
 COST, \$2500

FRAME RESIDENCE
 S ¼ OF LOT 5, U, V, 22ND AND 23RD Sts., Sacramento. Carpentry, etc., 2-story 6-room frame residence and garage.
 Owner.....Dyson E. Fourness, 1616 21st St., Sacramento.
 Architect...None.
 Contractor...G. E. Harvie, 2212 T St., Sacramento.
 Filed Sept. 3, '14. Dated Sept. 3, '14.
 COST, \$3350

OIL BURNER, ETC., FOR BUILDING
 S ¼ LOT 182, T, U, 21ST AND 22ND Sts., Sacramento. Fuel tank, oil burner and furnace for building.
 Owner.....Dr. W. A. Briggs, 1005 K St., Sacramento.
 Architect...None.
 Contractor...Latourette & Fical, 35th & Sacramento Ave., Sacramento.
 COST, \$700

RESIDENCE
 NO. 1612 T ST., on E ½ Lot 2, T, U, 16th and 17th Sts., Sacramento. Finish off rooms and alter residence.
 Owner.....C. E. Rutherford, Premises.
 Architect...None.

Contractor...George W. Morton & Son, 1217 19th St., Sacramento.
 COST, \$100

TENEMENTS
 NO. 1823 T ST., on E ½ of S 90 ½ feet of Lot 6, S, T, 15th and 19th Sts., Sacramento. Erect tenement house (4 tenements).
 Owner.....Nellie Seanlon, 1821 T St., Sacramento by Geo. Martin Agent.
 Architect...None.
 Contractor...George W. Martin & Son, 1217 19th St., Sacramento.
 COST, \$1800

ALTERATIONS
 NO. 320 K ST., on E ½ of Lot 3 W ½ of N 100 feet Lot 4, K, L, 3rd and 4th Sts., Sacramento. Place fire escape and remodel rear porch.
 Owner.....Nellie Wright, Cr. Wright & Kimbrough, Agents, Sacramento.
 Architect...None.
 Contractor...Wright & Kimbrough Bldg. Dept., 817 J St., Sacramento.
 COST, \$500

FRAME RESIDENCE
 SECOND AVE., bet Oak and Curtis; Lot 101, Curtis Oaks, Sacramento. One and one-half-story 6-room frame dwelling.
 Owner.....C. M. Hines, 3004 V St., Sacramento.
 Architect...None.
 Contractor...W. B. Phillips, 4115 Cypress Rve., Sacramento.
 COST, \$2800

NO. 929 K STREET on W 28 feet of E 32 feet of S 80 feet Lot 5, J, K, 9th and 10th Sts., Sacramento. Remodel store front and interior of candy store.
 Owner.....Julia Cronan.
 Agent.....The Griffith Company.
 Architect...None.
 Contractor...Cippa Bros., 314 21st St., Sacramento.
 COST, \$2500

SAN JOAQUIN COUNTY.

HEATING BANK BUILDING
 COR. MAIN AND SUTTER STS., Stockton. Steam heating and ventilating for 10-story and basement Class "A" bank building.
 Owner.....Commercial Savings Bank, 320 E-Main St., Stockton.
 Architect...L. B. Dutton (with Stone & Wright), Chronicle Bldg San Francisco.
 Contractor...Mangrum & Otter, 561 Mission, San Francisco.
 Co., Monadnock Bldg., S. F.
 Filed Aug. 26, '14. Dated Aug. 24, '14.
 Bond, \$3,250. Surety, National Surety 26 to Dec. 1, 1914. Forfeit, \$50. Plans and specifications filed.
 Contractor...Holloway Expanded Metal Co., State of New York. Limit, Aug.

METAL FURRING AND LATHING
 work on above.
 TOTAL COST, \$5248
 Semi-monthly instalments shall not exceed sum of 75% of all work and material then actually incorporated in building.
 Payments same as above.
 Filed Aug. 26, '14. Dated Aug. 22, '14.
 TOTAL COST, \$6,500
 Bond, \$2624. Surety, Pacific Coast

Casualty Co. Limit, Aug. 26 to Nov. 15, 1914. Forfeit, \$50. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
 Contractor...Standard Elec. Constr. Co., Inc., Sheldon Bldg., S. F.
 Filed Aug. 26, '14. Dated Aug. 22, '14.
 Payments same as above.
 TOTAL COST, \$1742
 Bond, \$2371. Surety, Equitable Surety Co. Limit, Aug. 26 to Dec. 1, 1914. Forfeit, \$50. Plans and specifications filed.

PLUMBING WORK ON ABOVE
 Contractor...Arthur Hateley & Thos. J. Hateley (Hateley & Hateley).
 Filed Aug. 26, '14. Dated Aug. 22, '14.
 Payments same as above.
 TOTAL COST, \$10,119
 Bond, \$5060. Surety, Fidelity & Deposit Co. of Maryland. Limit, Aug. 26 to Dec. 1, 1914. Forfeit, \$50. Plans and specifications filed.

ORNAMENTAL IRON AND METAL
 work on above.
 Contractor...Monarch Iron Works, Inc., 1161 Howard, S. F.
 Filed Aug. 26, '14. Dated Aug. 24, '14.
 Payments same as above.
 TOTAL COST, \$16,784
 Bond, \$8392. Surety, Pacific Coast Casualty Co. Limit, Aug. 26 to Dec. 1, 1914. Forfeit, \$50. Plans and specifications filed.

RESIDENCE
 N ½ LOTS 9 AND 11 BLK 3 W of Center Street, Stockton. All work except plumbing, heating and sheet metal work for two-story frame residence.
 Owner.....T. R. Minturn, 920 W-Poplar St., Stockton.
 Architect...Joseph Losekann, San Joaquin Bldg., Stockton.
 Contractor...O. H. Chain, 166 N-San Joaquin St., Stockton.
 Filed Sept. 2, '14. Dated Sept. 1, '14.
 Foundation completed.....\$ 561
 Frame work completed..... 800
 Plastering completed and building ready for finish..... 800
 Building completed..... 1000
 Usual 35 days..... 1000
 TOTAL COST, \$4161
 Bond, \$2080.50. Sureties, Frank J. Viebrock and J. H. Miller. Limit, 75 working days. Forfeit, \$5 per day. Plans and specifications filed.

PLUMBING, HEATING AND SHEET
 metal work on above.
 Contractor...W. T. Gibson, 227 S-Grant St., Stockton.
 Filed Sept. 2, '14. Dated Sept. 1, '14.
 Plumbing and heating pipes roughed in.....\$200
 All work completed..... 200
 Usual 35 days..... 194
 TOTAL COST, \$594
 Bond, \$297. Sureties, Charles A. Gibson and O. T. Hays. Limit, 75 working days. Forfeit, \$5 per day. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Sept. 3, 1914—TRACT NO. 13 of San Leandro Rancho, bounded by 2nd Ave on N, Merced on E, Third Ave on S and Menlo on W, Alameda Co. Eugene and Georges L. Roy as to improvements on leased property.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
 ug. 29, 1914—LOT 26 BLK 3, sub No. 1, Castro Street Addition. Ivy D. Hester and Perry F. or P. F. Hoff to Hester & Hoff.....
 ug. 29, 1914—E TWENTIETH AV. 50 S Geary, S 25x E 90. Joseph C. Kirby to whom it may concern.....
Aug. 29, 1914
 ug. 29, 1914—N ANZA, 53-4 E 23rd Ave E 27-1xN 100. Ernest E. and Myrtle F. Dunn to Ernest E. Dunn.....
Aug. 27, 1914
 ug. 29, 1914—NO. 3680 JACKSON. Irene M. Roos to R. A. Chisholm.....
Aug. 24, 1914
 ug. 29, 1914—W TWELFTH AV. 200 N Balboa, N 50xW 120. B. Getz to Robert M. Lelland, James McCubbin, J. E. Kara, Panama Elec. Co.....
Aug. 19, 1914
 ug. 29, 1914—N SUTTER 137-6 E Leavenworth, E 46-7½xN 137-6. A. Eisenberg to Macdonald & Kahn.....
Aug. 29, 1914
 ug. 29, 1914—NE FULTON AND Parker Ave., E 250xN 275. The President and Board of Trustees of Saint Ignatius College to P. J. Sullivan, E. J. Nutting, Spencer Street Planning Mhl.....
Aug. 26, 1914
 ug. 29, 1914—NE FULTON AND Parker Ave E 175xN 275. The President & Board of Trustees of St. Ignatius College to The J. Lewilyn Co.....
Aug. 27, 1914
 ug. 31, 1914—W FOURTEENTH AV. 255 S Geary (Point Lobos Ave) S 25 xW 120. William C. and Marie Foulks to Thos Hamill.....
Aug. 31, 1914
 ug. 31, 1914—E TWENTY-SIXTH AV. 162-6 S Vicente S 37-6x E 120. A G Overpack to whom it may concern.....
Aug. 29, 1914
 ug. 31, 1914—S CLAY 147-6 W Jones W 50xS 114. Letitia K. Emery to whom it may concern.....
Completed
 ug. 31, 1914—N GREENWICH 107-10 W Stockton W 29-xN 45. Ferruccio Di Grozia to L Dioguardi.....
August 31, 1914
 ug. 31, 1914—SE POST & LEAVENWORTH S 137-6x E 137-6. The Schmiedell Estate to Cameron & Disston.....
Aug. 25, 1914
 ug. 31, 1914—S LAKE 32-6 E 17th Ave S 100x E 50. John Johnson to whom it may concern.....
Completed
 ug. 31, 1914—W TRINITY 68-9 N Sutter W 61-3½xN 34-4½. French American Bank of Savings by P. J. Walker, Agents to Frederick W. Snook Co. Aug. 26, 1914; August Gradin, Aug. 21, 1914; Rudgear-Merle.....
Aug. 26, 1914
 ug. 31, 1914—N JACKSON 27-6 E Devisadero 82-6x102-8½. Otto Carson and Katharine Hinz to Otto Carson.....
Aug. 31, 1914
 opt. 1, 1914—S BONITA 109-6 W Polk. Niek Borina to E J. Montgomery.....
Aug. 31, 1914
 opt. 1, 1914—E BELVEDERE 324-1½ N 17th N 28x E 128-7¼. Thomas

Finlayson to whom it may concern.....
Sept. 1, 1914
 Sept. 1, 1914—W NINETEENTH AVE 25 S Balboa S 25xW 100. John S. Purcell to whom it may concern.....
Sept. 1, 1914
 Sept. 1, 1914—W NINETEENTH AVE 75 S Balboa S 25xW 100. John S. Purcell to whom it may concern.....
Sept. 1, 1914
 Sept. 1, 1914—E SHOTWELL 185 N 20th N 50x E 122-6. Thaddeus W. Terry to H T Grieb.....
Aug. 29, 1914
 Sept. 1, 1914—E TWENTY-EIGHTH AVE 125 N Clement N 25x E 120. Eugene and Catherine Donovan to whom it may concern.....
Aug. 29, 1914
 Sept. 1, 1914—S HUGO 95 W Third Ave W 25xS 100. E Hunius to A. Klahn & Son.....
Aug. 29, 1914
 Sept. 1, 1914—N PAGE 154 E Lyon N 137-6x E 27-6; Nos. 1252-54-56 Page. Rosa M. McGough to Lincoln U. Grant.....
Aug. 11, 1914
 Sept. 1, 1914—LOT 12 BLK 66. Reis Tract. Michael and Kate Ongwarsky to H. Nielsen.....
Sept. 1, 1914
 Sept. 1, 1914—NE TONQUIN & DEVISADERO E 893.75xS 1275 (Court of Honor). Panama-Pacific International Exposition Co to F. Rolandi.....
Aug. 26, 1914

ALAMEDA COUNTY.

Aug. 28, 1914—LOT 38 Piedmont Manor, Piedmont. Walter H. Creighton to whom it may concern.....
August 27, 1914
 Aug. 29, 1914—SW TENTH AND Franklin, W 75xS 75. Oakland. Geo. E. and Selena E. Ellis to Victor Engineering Co.....
Aug. 24, 1914
 Aug. 29, 1914—COR ALLSTON WAY and Harold Way, 100x110. Berkeley. Berkeley Elks' Hall Association to Walter Sorensen.....
Aug. 29, 1914
 Aug. 29, 1914—W BROADWAY. 125 N Birnie, N 25xW 127-8. B. and M. Cianciarulo to Wm. J. Baccus and F. T. Kennedy.....
Aug. 29, 1914
 Aug. 29, 1914—E TELEGRAPH AND W Broadway, N 108.83 NW 36.86 S 104 SE 8.70. Oakland. Federal Realty Co. to N. Clark & Sons.....
July 13, 1914
 Aug. 29, 1914—LOT 3, Map Craig Property, Piedmont. C. M. and Zarda L. Elabon to C. M. Elabon.....
Aug. 20, 1914
 Aug. 31, 1914—S DURANT 100 W Ellsworth S 130xW 50. Bkly. Mrs. H. J. Merritt to Ben Pearson.....
August 29, 1914
 Aug. 31, 1914—LOT 23 BLK "H" Map Broadway Terrace, Oakland. E. J. Roberts to whom it may concern.....
August 27, 1914
 Aug. 29, 1914—LOT 3 & ½ LOT 8, block 1, Waterside Terrace, Fernside Boulevard, Alameda. J. H. McEvoy to Ellingson & Holt.....
Aug. 29, 1914
 Sept. 1, 1914—S SANTA CLARA AVE 250 E Chestnut, Alameda. Annie C. Muller to Conrad Roth.....
Aug. 28, 1914

Sept. 1, 1914—NW SIXTEENTH AND Clay S 60xW 100. Okd. M. Friedman Realty Co to Clinton Fireproofing Co.....
Aug. 25, 1914
 Sept. 1, 1914—LOT 33 BLK 18 Map Northbrae, Bkly. Grace C. Woodburn to whom it may concern.....
September 1, 1914
 Sept. 1, 1914—LOT 10 Map Dimond Vista, Okd. Paul E. Woodburn to whom it may concern.....
Sept. 1, 1914
 Sept. 2, 1914—THIRTY-EIGHTH 335 E Broadway, Okd. George H. Tyson to Earl Saxton.....
Aug. 20, 1914
 Sept. 2, 1914—E 41.06 LOT 29, Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....
Sept. 2, 1914
 Sept. 2, 1914—W CASTRO (if extended S) 80 S First W 456.03 S 300 E to Castro (if extended S) N to Pt of beg. Okd. Pacific Gas & Elec Co to Duncanson-Harrelson Co, Inc.....
Aug. 25, 1914
 Sept. 3, 1914—LOT 14 BLK "C" Map 1th Ave Terrace, Okd. E. W. Woodard to whom it may concern.....
Sept. 3, 1914
 Sept. 4, 1914—NE DERBY & TELEGRAPH Ave, being No. 2643 Telegraph Ave, Bkly. Richard T. Kennedy to P. G. MacIntyre.....
Sept. 1, 1914
 Sept. 4, 1914—LOTS 1 AND 2 BLK "F" Map Bryon Jackson Iron Works Ppty, Bkly. Mailda Palmros and Mary Neska to Gustaf Johanson.....
Aug. 29, 1914
 Sept. 4, 1914—NE ELEVENTH AND Franklin E 100xN 37-6. Oakland. Barbara Streit by W. Wilde to H. F. Lass.....
Sept. 1, 1911

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Aug. 28, 1914—LOTS 3 & 4 BLK 119, City of Richmond Tet. Richmond. A. C. Faris to J. J. Widner.....
Aug. 27, 1914

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Sept. 2, 1914—BELLEVUE AVE. NO. 1136, ptn Lots 5 and 6 Blk No. 4 Bigne Land Co, Burlingame. D. Chas Scanlan to whom it may concern.....
Sept. 2, 1914

MARIN COUNTY.

RECORDED ACCEPTED
 Sept. 3, 1914—CHICKEN POINT nr San Rafael. R. Boqueraz to S. Saari.....
Aug. 27, 1914

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 Sept. 2, 1914—W ½ OF E ½ LOT 3, J. K. 2nd and 3rd Sts.; No. 220 J St., Sacramento. Mrs. S. Retzanevsky to Seller Bros.....
Aug. 31, 1914
 Aug. 27, 1914—S 20 FEET LOT 2 AND Ptn of E 100 Lot 3 of Shdvn E of Oak Park Map of Survey of land owned by Sacramento Electric Gas and Railway Co. E. A. Theile to R. M. Smith.....
Aug. 24, 1914

LIENS and RELEASES

SAN FRANCISCO COUNTY.

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. H Maundrell, \$850
A Fry, \$512; Burnham Plumbing Co, \$451 vs Geo C Sargent, Helen M Sargent and F J H Rickon.....
Sept. 2, 1914—S LAKE 82-6 E 24th Ave S 100 E 50 N 100 W 50. Anderson Bros Planing Mill & Mfg Co vs George C and Helen M Sargent and Fred J H Rickon.....\$73.20
Sept. 1, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Ralston Iron Works, Inc vs Fred J H Rickon, George C Sargent and Helen M Sargent.....\$204
Sept. 2, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Loop Lumber Co vs H W Jansen, David Philipelli, Jane Doe Philipelli, Peter J M Bertelsen and Andrew Bertelsen.....\$207.63
Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Kirwan & Donovan, \$15; J K Stewart, \$150 vs George C and Helen M Sargent and Fred J H Rickon.....
Sept. 2, 1914—E TWENTY-FIRST AVE 300 S Lincoln Way S 25xE 120. Bauer Fixture Co vs Angelita Lindsey, Robert E Lindsey and MacArthur Bros.....\$50
Sept. 3, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. James Cantley vs Geo C Sargent, Helen M Sargent and Fred J H Rickon.....\$85
Sept. 3, 1914—SW EVANS AVE 50 NW Alvord NW 25xSW 100. Henry Hinricks vs Janet and Angus McLeod.....\$297.25
Sept. 4, 1914—W SANCHEZ 86 S 25xW 76-9. N O Nelson Mfg Co vs Timothy J and Bridget J Carmody and H O Bowen.....\$40.60
Sept. 4, 1914—SE PRECITA AVE & Florida Ave SW 25xSE 80. New Era Marble & Concrete Co vs John Eliassen, Bergetta Eliassen and Johnson & Olsen.....\$163.50
Sept. 4, 1914—S SLOAT BLVD extended 204 W from E line of Great Highway S 250 W to Pacific Ocean N to Sloat Blvd extended E to beg. Fred Titt & Son vs Christofferson Aviation Co, Cpn & Spring Valley Water Co.....\$724.94
Sept. 4, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. N O Nelson Mfg Co vs H O Bowen.....\$207.09
Sept. 4, 1914—E EIGHTEENTH AVE 200 S Anza S 25xE 120. N O Nelson Mfg Co vs Frank Lapham and H O Bowen.....\$52.60
Sept. 4, 1914—W FIFTEENTH AVE 78-11 N Clement N 25xW 120. N O Nelson Mfg Co vs Mrs R Gasque and H O Bowen.....\$122.04
Sept. 4, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Eureka Sash, Door & Moulding Mills vs David Philipelli, Jane Doe Philipelli, Henry W Jansen, Peter J M and Andrew Bertelsen.....\$400
Sept. 4, 1914—E FIFTEENTH AVE 60 S Anza S 25xE 120. N O Nelson Mfg Co vs Leigh & Schultz and H

O Bowen.....\$62.65
Sept. 4, 1914—W TWELFTH AVE 175 S Anza W 120xS 25. N O Nelson Mfg Co vs W D Ball & H O Bowen.....\$175.78
Aug. 31, 1914—W FORTIETH AVE 175 S Lincoln Way S 25xW 76-6. J H Kruse vs Peter Michel and Geo V McCausland.....\$25.22
Aug. 31, 1914—W GAMBIER 50 N

ALAMEDA COUNTY.

Sept. 1, 1914—LOTS 20 AND 21 Map Geo W Austin Sbdvn Blk "D" Map Vernon Park, Okd. Swift & Wilcox vs C A Menker, E L Menker, H W Williford and L E Dagle.....\$175
Sept. 3, 1914—LOT 56 Map Gorrell Glen, Okd. Spott Bros vs M O Briggs and W A Walker.....\$245
Sept. 3, 1914—FOURTEENTH AVE NO. 3418, Okd. Spott Bros vs W A Walker and Perry E Baird.....\$225.80
Sept. 3, 1914—NW TWENTY-4TH & Okd. J B Sprague vs O C and Julia Bay Place, being Nos. 252-4-6 24th, Bryan.....\$25
Sept. 3, 1914—S FIFTIETH 35.84 E Lawton Ave E 45xS 90, Okd. Spott Bros vs W A Walker and J M Gonzalez.....\$241.95
Sept. 2, 1914—LOTS 20 AND 21 Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. Leo V Gelder, \$118; A P Gaillard and G D Cooper (California Roofing Co), \$40 vs Howard and Minnie Williford and C A Menker.....
Sept. 2, 1914—LOTS 5 AND 6 Map Fruitvale Vista Tract, Okd. P M Dreishach (Zenith Mill & Lumber Co) vs Charles E Murdock, A T Norwich and C C Hays.....\$159.86
Sept. 2, 1914—SE MANILA & GLENDALE Aves, being No. 2516 Manila Ave, Okd. Herman Bredlow vs E L Menker and Howard Williford.....\$38.50
Aug. 29, 1914—LOTS 13 & 14, BLK M, Map subdivision block M, Roberts & Wolfskill Tract, Oakland. M. C. Vaughn vs. G. J. Capelini.....\$53

SAN MATEO COUNTY.

RECORDED AMOUNT
Aug. 29, 1914—LOTS 18, 19 AND 20 Blk 4, Concordia Land Co. The Greater City Lumber Co, \$276.50; Bert Simon and Samuel Simon (Simon Bros.), \$55.75 vs John Kownacki.....
Aug. 29, 1914—LOTS 18, 19 AND 20 Blk 4, Concordia Land Co. The Greater Lumber Co, \$276.50; Simon Bros, \$55.75 vs John Kownacki.....
Sept. 1, 1914—LOT 15 BLK 16, Vista Grande. Joseph C Stromswold vs M Berman and Lena Berman.....\$73.51

SANTA CLARA COUNTY.

RECORDED AMOUNT
Aug. 29, 1914—12.54 ACRES being part of Lot 19 of Sbdvn Lot 2 of the Taaffe Partition, Santa Clara Co. Arthur Grey, \$368; Geo Ryan,

\$47.50 vs Wm H Little, F N Hayman, O Capell and Western Building Co.....

RELEASE OF LIENS.

SAN FRANCISCO COUNTY.

Aug. 17, 1914—NE UNION & LAGUNA N 50XE 45. Herbert I. Laude to Marcus Marcussen and Mrs. J. S. Kellogg.....
Aug. 24, 1914—N FRANCISCO, 130-24 W Grant Ave., W 26-5xN 68-Mangrum & Otter, L. A. Hutschmidt, Francis E. Teltz to K. and Maggie Gardner.....
Aug. 14, 1914—S THIRTY-THIRD 398.9 fr m W line Telegraph Ave 40xS 123, Okd. Niels Jacobsen \$457.50; E K Wood Lumber Co \$2050.30 to B B Wickersham, Lau C and J C Peterson.....
Aug. 14, 1914—SE SIXTY-SECOND Ave and NE Virginia Ave NE 50 SE 100, Okd. W P Fuller & Co East Bay Home Builders.....\$10
Aug. 20, 1914—SW 37½ LOTS 13, 15 and 15, Blk 89, Jigby's Map Town of Clinton, Oakland. John Geary to Ike Harold et al.....\$1
Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6 E 100, Oakland Hogan Lumber Co. to Ernest Anderson, Barbara Streit.....\$23
Aug. 22, 1914—LOT 31, BLK D, M. Piedmont Knoll, Oakland. Reedwood Manufacturers Co to Wickham Havens et al.....\$4
Sept. 5, 1914—W WORTH 95 N 22 N 25xW 125. Alexander Fisher Archie Cook.....

ALAMEDA COUNTY.

RECORDED AMOUNT
Sept. 5, 1914—N FOURTEENTH W Center W 179 NE 104.2 E 116, S 100, Okd. W P Fuller Co Wallace Clark.....\$15
Aug. 29, 1914—LOT 1 & W 10 L 2 block 119, Allston Tract, Berkeley. J. C. Sullivan to Margaret Powers.....

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Sept. 2, 1914—LOT 14 BLK 1 Nichol Sbdvn, Richmond. James Crulse Shank to Bank of Richmond and H Paul et al.....

SACRAMENTO COUNTY.

RECORDED AMOUNT
Aug. 28, 1914—LOT 4, J. K. 4TH 5th Sts., Sacramento. John A Roeding's Sons Co, \$1049.88; Elect Railway & Manufacturers Supply Co, \$89.43 to Marsh Invest Co and A E Brooke Ridley and Ransom Concrete Co.....
Aug. 31, 1914—LOT 4, J. K. 4th 5th Sts., Sacramento. Brooke Poliss Elec Cpn to Marsh Investment Co.....\$

News In Brief.

COPPER CITY, Shasta Co., Cal.—A movement has been started here by mining men of this district for building a road to connect with the State highway. A meeting will be held in the near future to discuss the project.

YUBA CITY, Sutter Co., Cal.—The Dairy Farm Railroad has been granted a right of way through Reclamation District 1001. The permit was granted subject to the approval of the Civil Engineer and Attorney for the District.

SANTA BARBARA, Santa Barbara Co., Cal.—Andrew Carnegie has offered his city a library to cost \$50,000. The Chamber of Commerce has taken up the task of raising \$20,000 additional or the site of the proposed structure.

GRASS VALLEY, Nevada Co., Cal.—Bids will be received by the Supervisors for the excavation, laying pipe and effiling 1360 feet of sewer pipe on Whitney and Le Duc streets. Plans and complete information can be obtained from the City Clerk's office at Grass Valley.

SONORA, Tuolumne Co., Cal.—The old school building in Groveland has been sold at public auction and will be removed from its location to make way for the new school building to be erected here.

FRESNO, Fresno Co., Cal.—Plans and specifications for the State Normal school to be erected in this city are nearing completion and figures will soon be taken. The proposed building will cost in the neighborhood of \$370,000. Plans are being prepared by late Architect George B. McDougall.

PITTSBURG, Contra Costa Co., Cal.—The contract for the new Grammar school to be erected here has been let to J. O. Kuykendall of San Francisco at \$49,955.

RICHMOND, Contra Costa Co., Cal.—Frank Aguilar has been awarded the contract for paving of Soto avenue at \$4,221.04. Work will start immediately. South Sixteenth street from Ohio to Potrero through the Santa Fe District, in this city, will be paved at once. The city Council having passed resolutions of intention. The date for opening the bids has not been set as yet. The county also plans to open its street under the Santa Fe enactment between Chanslor and Ohio which will furnish a direct route from McDonald avenue to the bay.

LOS ANGELES, Los Angeles Co., Cal.—The Buckeye Manufacturing Co. of Anderson, Ind., has recently purchased six acre site near this city and are contemplating the erection of a brick factory building which will cost in the neighborhood of \$50,000, exclusive of machinery. The company is devoted to the manufacture of tractors and other farming implements. Final details are now being made by J. E. Lambert, the general manager and treasurer of the company, who has come west for this special purpose.

OROVILLE, Butte Co., Cal.—The State Highway Commission has de-

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting direct sales and returns.

Our Weekly has MANY ADVANTAGES for you.

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Building and Industrial News

560 Mission St., S. F.

cided upon the route for the Oroville lateral from the main trunk highway from a point near Richvale. The lateral will be nine miles in length.

A copy of the resolution has been transmitted to the Butte County Supervisors calling them to obtain the necessary rights of way, to build fences and all necessary bridges. This will call for a big bridge across the Feather river which will probably cost \$60,000.

MONTAGUE, Siskiyou Co., Cal.—Workmen are employed erecting a temporary building on the school grounds here, to be used until the new school building can be built. The building will be 16x36 and will be divided into two rooms. Work on the new building will be started the middle of this month.

VALLEJO, Solano Co., Cal.—The City Council and several San Francisco companies are looking over a site in this city for the purpose of establishing an incinerator. Commissioner of Public Health, Wm. P. Blake, states that plans and specifications will soon be prepared for the plant, which will cost in the neighborhood of \$3,000.

OAKDALE, Stanislaus Co., Cal.—Supervisor Robert T. Holmes, of the County Board of Supervisors, stated that active operations in tearing up, regrading and rebuilding a number of roads in the Oakdale District has started. Work will be completed before the rains set in. Among the streets to be improved are Chestnut, School, Cleveland and Bidwell avenues.

YUBA CITY, Sutter Co., Cal.—The vacant lot adjoining the Bremmer Hardware Company, on Second street, has been purchased by Walter Packard of Chico. He plans the erection of a large department store.

TACOMA, Wash.—The main plant of the Carstens Packing Company has been destroyed, entailing a loss of between \$70,000 and \$1,000,000. Thos. Carstens is the President of the company.

SANTA BARBARA, Santa Barbara Co., Cal.—The West Coast Engineering Company has abandoned their contract on the State highway north of Los Alamos. The contract for the paving was first awarded to the Bondive Co., who, after working a short time were forced to give up the work on account of financial difficulties. The company, after a year's delay, turned the contract over to the West Coast Engineering Company. Walter C. Howe, division engineer of the Highway Commission, is now taking the matter up with the Commission.

SACRAMENTO, Cal.—Asserting that his company can develop for Sacramento a flow of 30,000,000 gallons of well water per day, an engineer has asked the City Commission to give the Lyre & Bowler Corporation, of San Jose, a chance to demonstrate its plans. Roberts stated that his company has sunk a well for the Alameda Sugar Company near Woodland with a flow of between five and six million gallons daily. His company has also developed water for the 1915 Exposition Company and for irrigation districts in Southern California.

Efficiency and Advertising

by Lloyd C. Comegys

The Greatest of Business Problems.

The greatest of business problems is the obtaining of NET PROFITS. All other matters are details toward the attainment of this end.

It is the object of the business man, and he is succeeding or failing in accordance with the amount of his NET PROFITS. That's what he is in business for.

In seeking to obtain NET PROFITS, certain ways have been learned to be more successful than others, and it is these MORE SUCCESSFUL WAYS, SPECIAL METHODS and DEVICES for attaining NET PROFITS that have been given the designation of EFFICIENCY.

Efficiency is the Scientific Method of Securing Increased NET PROFITS.

Efficiency is new. Very little of it has been written down in books. As a general tendency it is everywhere, but as a **system of thought**, it exists only in the minds of a comparatively small number of men.

Those in business, as owners or employees, who understand Efficiency, are inclined to keep this valuable new knowledge to themselves, just as the gold miner, who has struck a rich vein of yellow treasure, is inclined to be secretive about his good luck.

And there are only a few men, as yet, who are practicing as a profession, the installing of Efficiency in offices, business houses, plants and factories.

What Efficiency is NOT.

Efficiency is not a new name for an old truth so far as it relates to industry and to individual success. It is an absolutely new point of view in the business world.

It is not Expert Accounting, for the reason that accounting deals only with records and not with methods.

It is not Economy, for the reason that mere saving is often the most suicidal of all business policies.

It is not Energy, for the reason that misdirected energy is the most universal of all industrial wastes.

It is not Slave-driving, for the reason that one of its main benefits is to elevate and profit the wage-workers, not to degrade or oppress them.

And it is not System, for the reason that the most useless and wasteful actions can be done in the most systematic way. There can easily be too much system, but there can never be too much Efficiency.

Efficiency will get a greater percentage of results for you, without adding to expense, and will reduce costs without lessening results.

Efficiency is needed in the one-man business, as in the concern employing thousands of men. It is as important to the one, as to the other, to increase NET PROFITS.

LOOK INTO THIS SUBJECT OF EFFICIENCY.

It means greater NET PROFITS for YOU!

Efficiency Methods.

As applied to business, and considering individuals only as one of the parts of business used to produce the NET PROFITS desired, Efficiency approaches the particular firm it is called in to assist from every angle, large and small.

Almost the first matter to be considered is the question of OVERHEAD CHARGES. This subject, though almost the controlling feature as to whether or not the firm is to make NET PROFITS,—is probably the most neglected and wrongly handled of all business subjects. The subject is a difficult one and in consequence many avoid looking at it squarely in the face, as soon as they have made a semblance of settling upon a percentage for their firm.

Efficiency takes hold of this subject and in a scientific way lines the facts about it up in connection with the other features of the business.

Another difficult problem is Salesmanship and the other one advertising. These are constructive and productive forces and the most valuable.

Here it is that Efficiency gains greater results without increased costs, and lesser costs without reducing results.

And the modern Salesmanager and Advertising manager approaches his work from an Efficiency standpoint.

The Small Firm.

The small firm having less margin in the way of expense for a large office force, needs to utilize the time of its employees to the very best advantage. This means that without the employee working harder or longer, that the results he produces may be made much greater, simply by a change of his methods of Work or the Facilities to work with. The small firm therefore needs EFFICIENCY Methods as much, if not actually more than the larger ones.

What Trade Name Advertising can do as Efficient Sales Co-operation.

It can give general publicity to your trade name and goods in the locality you desire to cover, through the use of newspaper, magazine, program, mail and bill-board advertising. The results would come to you through the sales made by your representatives or selling-houses in those localities. Such advertising so establishes the character and value of your offerings or products as to largely relieve you of selling-houses, representatives and salesmen from so establishing or informing regarding who you are and the general lines that you offer.

This leaves the salesmen or selling houses free to devote their entire time to actual sales making and eliminate a large amount of waste effort of their part in connection with your offerings.

Advertising may be very profitable used in obtaining inquiries regarding your offerings and getting in touch with live prospects or those whose minds have already been directed or centered upon taking your proposition. These inquiries or leads to prospect may then be turned over to your representatives or salesmen, who thus can produce many times the results that they otherwise could if left alone to scatter their efforts in a general way. **GOOD WILL:**

The good will of a firm that is established through advertising coming directly from the house is the most valuable kind, in that it cannot be materially affected by the presence or absence of any particular salesman.

ADVERTISING:

In plain words means explaining to possible customers of whatever you have to offer, who you are, and what you have to offer. Notice, I say **possible customers** and it is right here where so much money is lost in advertising, even when it is properly done and contains real pulling or selling power. Be sure you are advertising to possible customers of your particular offerings and not to the general public or to those who would under most circumstances not want them. A trade magazine is one of the very best mediums for reaching the exact people in your line.

LLOYD C. COMEGYS.

Advice on BUSINESS PROBLEMS

SERVICE DIVISIONS

..... Modern Advertising and Selling Service
..... Efficiency and Time Saving Methods and Devices
..... Advice On Business Problems-Adjustments-Collections

LLOYD C. COMEGYS, Commercial Attorney

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J. Rousseau, San Francisco.

Modern Apartment House Erected in San
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by Architect Charles J. Rousseau.

Wednesday, September 16, 1914.

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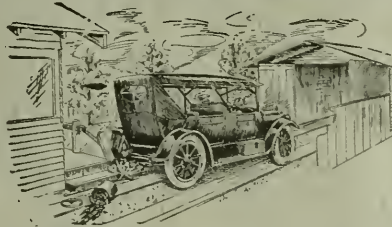
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Editorial Comment.

The Los Angeles Times, the power behind Captain Fredericks, is out already in an attack on the Direct Primary law. It assumes that the next legislature will be Republican and says:

"The first duty of the new Legislature will be to expunge the Direct Primary Law from the Codes of California. If the Legislature is Republican, as is probable, this duty will unquestionably receive immediate and effective attention, and party candidates will again be selected by nominating conventions."

The contention of the reactionaries is that it takes so much money to run at the primaries that a candidate will pledge his support to corporations in order to obtain the necessary funds. This is a strange situation. It may cost a good deal to make a winning race at the Primaries, but who would believe that the Los Angeles Times is concerned over the fact that the corporations might control a candidate.

The good old days of Herrin, Parker and Ruef saw the nomination of candidates in all parties that would do the bidding of the corporations. Those were the days when Harrison Grey Otis was in his glory the favored of the powers that were. And those are the days that are sought to be returned through the election of Fredericks.

There are some defects to be remedied in the new Primary Law. There are usually some defects in every new law. But it is right in principle. Part of the defects will automatically adjust themselves. Some amendments will have to be made by the legislature, but the people, if they have intelligence enough to deserve the ballot will never put the power in the hands of the bosses again to tell them who to vote for.

The Chronicle presents the picture of Captain Fredericks on its editorial page with the inscription that under his leadership the Republican Party will unite. If the De Young-Otis-Spreckels bunch are the Republican party then they have no doubt chosen a representative man. For so far as Fredericks is concerned he has done nothing that should endear him to the people and his reputation is not such that the common people should vote for him.

Governor Johnson has opened his campaign for re-election. The issue is plain. In the language of the Governor it is this:

"The present Administration presents in concrete form definite policies which have been adopted and are in process of execution, and it asks the endorsement or rejection of those policies.

It asks to be judged by its labor and the fruits of its labor. It demands that it be approved or condemned upon its merits or its demerits, and that every citizen weigh well its achievement and pronounce his verdict upon that achievement. There is the issue."

The language of the Governor needs no explanation. He puts the situation in concrete form. Every citizen who is honest enough to be entitled to a vote should hear what he has to say. Then if he wants to vote for the candidate of the Grand Old Party, follow the lead of bat-eyed prejudice and the old political ring it is his privilege.

Some bewildered politicians who derive their support from corporation allies are sending forth large gusts of heated air to the effect that it is the policy of the present administration to create offices and pay large salaries to the office holders. Particularly do they refer to Jack Eshelman, President of the Railroad Commission, and say that he never saw \$8,000 a year before he became head of the Railroad Commission.

That may or may not be true. Judging from its source it is probably not. But granting that it is true will anybody say that Eshelman is not an efficient officer or that he is not worth \$8,000 a year to the State of California.

If Eshelman had been employed by some thieving corporation and paid \$50,000 a year to break the laws of the land; if he had been the political head of some railroad and used criminal means to corrupt public officials; if he had been the head of some department to skin the laborers employed by his corporation of their birthright, then these same bewildered and loud mouthed gentlemen would have considered him a great man and bemoaned the fact that he was so patriotic as to give his abilities to the State for such a paltry sum.

Before these reforms that have been accomplished by the present administration were effected it is a notorious fact that the heads of the corporations who received the big salaries, received them chiefly because they could be trusted to do any kind of crooked work. That was the synonym of ability with the old guard. And men like Jack Eshelman and Governor Johnson, who considered liberty cheap at any price were not the high salaried servants of the powers that were.

The present Railroad Commission works. Its employees receive living wages, upon which they can exist and be independent and in return they give to the State the best that is in them. If any body doubts this let him visit the office of the Commission and investigate for himself. Then will he understand the loud talk and the unfounded assertions of the political rounders who criticize the present commission and the work it has done.

Mission Architecture

From The Redwood, Santa Clara College, May, 1914.

Development follows civilization. Astonishing discoveries and necessary inventions are the fruits of development. Development has altered the character of great cities, and has overcome the many inconveniences of country life. "Necessity," it is said, "is the mother of invention." Long felt vacancies have been filled, profitable and pleasing ends attained; for frequently where nature has combined unusual resources with natural disadvantages, producing thereby uncommon and untried effects, the artful hand of man has succeeded in fashioning many of his most incredible and yet appropriate accomplishments.

Beginning at home, we have the massive undertaking of the construction of the now famous Los Angeles aqueduct, bringing its nourishing waters for miles to the semi-arid fields of the Los Angeles valley. Crude canals may have satisfied the wants of the early pioneers, but with wider development of the soil, a greater abundance of water becomes a necessity. Millions of dollars have gone out from the United States treasury, and millions are yet to be paid for the opening of the Panama Canal,—another fruit of what in our day is termed a necessity.

But going back several hundred years to the days of the "Padres and Dons," to the golden days of California "before the Gringo came," what necessity do we find confronting the early Spanish explorers? Man's first instinct is to preserve life, and against the warring elements he seeks shelter, so for the colonists from Spain after leaving their cumbersome ships, shelter on land became the first question.

Looking about for material with which to construct such dwellings, it was seen that both timber and stone were truly at a premium. Trees covered the distant hills and stone might be found in the canyon's depths, but the means of transportation were crudely primitive. Roads were to those founders of a new country but a possibility of the future, and clumsy ox-carts could not supply the demand of material which must necessarily be brought from great distances. Something more convenient must be had, and the soil was next examined. Here then was found that clay, which would lend itself to be moulded into a suitable shape for building purposes. "Adobe," the Spaniards called such bricks, deriving the word from the Spanish verb, *adobar*, to mend, or to daub. Casts were made and experimented with until it was found that such crude blocks of sun-dried clay could be so placed together as to stand the stress due to heavy roofs and wide eaves.

Thus to such a humble beginning may the modern Mission Style of Architecture trace its origin. Low, tile-roofed, of a rambling nature it remains even today. The walls were necessarily low, for the material itself was none of the best for high buildings, and the additional labor of carrying

each separate brick to its place was hereby avoided. These adobe bricks took the general form of building bricks of today, but were equal in size to five or six of the modern bricks. These were cemented together with wet clay and covered over on the exterior with a mixture of native cement to prevent the gradual washing away of the clay by the winter rains. The walls were of adequate thickness both to assure warmth and coolness in the alternating seasons, and to be fully able to support the heavy roofs of red tile. Proportionately low were the doors and windows, all in keeping with the remainder of the building.

Ornaments of a gorgeous nature were indeed few, for the buildings which the Francisco Padres—and these good men were the real vanguard of civilization in California,—found it necessary to construct at various distances in this new territory, from which they could direct their zealous activities. Hence, since their work was to convert and civilize, not to erect masterpieces of architecture, they must do away with all impeding decorations and raise such structures as would best bring to the minds of the savages, some idea of the solemn greatness and glory of their Creator.

Patiently, they took the crude Indian as they found him, and after disappointments innumerable, instructed him in the most fundamental principles of construction, and after more years of untiring training taught him more perfectly "to hew the shaft, and lay the architrave." Theirs was no easy task. Materials such as they had were as yet untried; the workmen untrained, and tools exceedingly scarce. Students of early California history will readily recall what annoying setbacks the Padres experienced over and over again from some greedy or self-important **commandante**. Yet the buildings such as they had seen in their native country of Spain must act as models for present purposes, and copy these buildings in general outline they did, not failing, however, to add their own touch of originality.

From the pens of some modern superficial critics we have the information that this variation from true Spanish tradition was not originality but ignorance. Let such but consider the disadvantages under which the Padres labored, and the fact that they must instill into the naturally slow minds of their neophytes the very first principles of building, and let them compare such workmen with those professional laborers of the time in Europe who had been schooled in the mathematical precision of rearing a wall or constructing a roofing-tree and then let them cast a glance at some of California's well-known Mission churches. They will find the arches as mathematically correct, and the curves employed semi-circular or elliptical, which are carried out to the utmost precision. And yet the workmen who constructed such arches had been but a short time previously, merest sav-

ages, ignorant of the simplest mathematical problem.

Now in order to obtain a somewhat definite idea of the style of the old missions, it is well to first understand their general appearance. The mission buildings were, as a rule, rectangular in shape, of a single story in height, with roofs of red tile. The central and principal portion of the front elevation or *fachada* was formed by the church proper, while the somewhat lower and minor section of the frontage, together with the wings of the buildings, served as the residence of the priests, as guest rooms, the quarters of the Indians and servants, workshops, and store rooms, as well as places of instruction for the newly converted Christians. All these buildings enclosed a garden or patio, with a well or fountain in the center, and all rooms entered onto this court as well as onto the front. The walls enclosing the patio were without columns or arches, yet Mission San Luis Rey forms a notable exception to this general rule.

To examine more minutely the *fachada* or front elevation, we can take the example offered by the *fachada* of the Santa Barbara Mission, since it is perhaps regarded as the most popular of the missions and the most architecturally perfect. Most striking in this *fachada* is the semi-circular entrance, flanked on either side by three half columns. These are unmistakably of the Grecian type as regards their entablatures, surmounted by ionic capitals, the simple triangular pediment peculiar to this mission would bespeak Grecian influence were other signs to fail. The under side of the cornice has heavy dentals and is further ornated by a statue set in a niche.

Santa Barbara is also one of the two California missions which boasts of two bell towers. These towers are full three stories in height, surmounted by a semi-spherical dome. The first story rises firmly from the foundations without any ornament or windows whatsoever, and supports the second story, set back about half the thickness of the wall, forming a step over a plain cornice. In like manner the third story rises, the walls of these latter two being perforated by four arched apertures to serve for bells. To relieve the severity of the corners of the walls, these corners are chamfered. Roofed with a composition cement like that found in the Texas missions, the dome supports the lantern and cross. A covered veranda adjoins the church, stretching away to the left and faced by twelve stately arches, while to the right, the patio is enclosed by a simple wall of adobe. Certainly the men who planned and reared such a structure were possessed of a liberal knowledge of architecture, and are entitled to more praise than some narrow minds of today begrudgingly attribute to them.

Architecture, however, is ever seeking to construct buildings laying some claim to originality. So must it have

been at the time of the Padres, for the fachadas of the different missions are by no means alike. Mission San Luis Rey, the second California mission to have two towers, has suffered greatly from age and neglect, and only one tower now remains intact. It resembles greatly the general outlines exhibited in the construction of the Santa Barbara mission, but we have only to journey to Tucson, Arizona, to find an entirely different detail in ornamentation and design.

The towers of this mission rise to approximately the same height as those found in California, but the second story, while having its four arched apertures, is set sufficiently far back to form a platform above the cornice. At the corners of this platform high square posts are set firmly in the adobe and connected by a balustrade. The third story, octagonal in shape, has its arched openings, and though somewhat higher than the second, is of the same width and again serves to support the dome. True, the wooden tower of the San Juan Bautista mission is undoubtedly fashioned after the towers of San Xavier's, for the platform, octagonal third story, balustrade and all, point to a likeness to the Arizona mission, yet this tower is of a more recent date, and cannot said to have been built by the earlier Padres. No greater dissimilarity in the arrangement of bell towers could be had than that between the three former missions and those of San Gabriel and Santa Inez. The towers of these two missions consist of merely a low massive wall of masonry pierced by bell apertures, built in proportion to the bells which they were to contain. The campanile of the San Antonio is lower than either of those at San Gabriel or Santa Inez, and differs also in that it is made of burned brick. Unlike any so far named, San Carlos mission has for its belfry, an egg-shaped dome resting on an octagonal base, entirely different from the pyramidal, red-tiled roof of the Presidio Church at Monterey.

Most original, as well as unique, the campanile at San Antonio de Pala Asistencia profers rare beauty of design and commanding appearance, gaining in grandeur and reverence from its lime-worn exterior. Separated from its nearby structures, it stands upon its base which may be simply described as a vertically elongated pediment, its pediment curves, concave, with no steps. Of but two stories in height, each having four bell apertures, the monotony of the facade is broken by three cornices, one crossing the first story at the base of the arched opening, the second and third at the division lines between and over the different stories.

Coming to the pediments, Mission San Luis Rey affords the most graceful and pleasing, and well deserves its ever increasing popularity as a model for the modern Mission Architect. This pediment if a flat top, upon which rests the lantern, is stepped, and employs both convex and concave curves. San Carlos, better known as Carmel-by-the-Sea, gives the impression of an arch, consisting as it does of a long arc decreasing in curvature as it approaches the base and adorned with a scroll at the top. San Antonio de Padua brick is used in the construction, stepped off near the top, followed

by a concave curve and step where it rests on a horizontal plane, ending in two more concave curves. Examples found at other missions are of minor detail.

The arch, however, is considered by all to be the most salient feature in Mission architecture. In fact, so far reaching is its importance, that many regard the mission house of today incomplete without its arches. Since the arch holds so conspicuous a place in the public mind, it must be examined in some of its details and variations. The favoritism shown to the semi-circular arch is perhaps due to the presence of the reproduction of this style in present day structures. And well may this be so, for it is the most extensively used curve in the mission buildings themselves. Its simplicity lends grace, and we notice it in the larger missions of Santa Barbara, San Luis Rey and San Antonio de Padua, as well as in all towers and campaniles.

Another popular opinion assumes that those arches of any other type than the semi-circular are not strictly mission. Erroneous, indeed,—for at San Juan Capistrano an excellent example of the elliptical arch has been preserved for us. Mission San Juan Bautista employs the ellipse on its fachada, and the doorway leading to the Santa Margarita chapel not only has this elliptical curve, but varies the curvature of the arch, in such a way that the outer side becomes greater than the inner. Recessed and rounded, it adds beauty and grace to its substantial qualities. Since it has not the high crown of the semi-circular curve, it is particularly adapted to the low adobe models, and bids fair, because of its harmonious effect, to establish for itself an important place in Modern Mission style.

The square arch is found in every mission, but it is rarely employed outside of the main wall of a building. It served its purpose most satisfactorily in the construction of doors and windows, where the sides widened towards the outer side, supporting heavy wooden lintels. Not unfrequently to relieve the strain on the lintel, another beam of the same or even greater length than the lintel itself, was embedded in the wall a foot or more above the lintel. These arches were without ornament of any kind, and were employed for service rather than for architectural decoration. Only once do we find the square arch decorated, and this in a manner scarcely ever reproduced in commercialized Mission architecture. At the Capistrano mission, we find a highly ornated arch, exhibiting the same skillful workmanship that characterizes this entire mission, with the keystone projecting fully four inches, and carved upon it an eight-pointed floral design, with immediately above it, a decorated entablature crowned by a massive cornice.

Doorways at times seemed to be apparently the reproduction of those of some Spanish edifice, for Moorish and Gothic principles being joined together, as were many of the edifices in Spain at that period, lent themselves to the mission style, and the entrance to the chapel of the Sacred Heart of Jesus at San Carlos Mission, may be regarded as one of the most elaborate pieces of detail work to be found in any of the Missions.

As in the arches, pediments and tow-

ers, so also variety is likewise enjoyed in the columns used. At the San Francisco (Boleros) Mission are found both columns and half-columns, having the essentials of the Doric order. In the *rearedos* of the mortuary chapel at San Luis Rey we find columns and half-columns of the composite order, while Doric half-columns adorn the entrance to the patron, with pilasters of a most ornate classic style gracing the side entrances.

This variety in decoration served but to lend dignity and grace to a style of architecture which points to the mean adobe house as the origin. Nowhere do we find among the mission buildings, structures of great height, nor does this peculiar style readily lend itself to such. Yet we doubt not, that were all things taken into consideration, the opportunity may yet be afforded, by which this style may be made suitable to taller buildings just as the American architect has done with the classic types. It is in the field of lower structures, however, that manifold opportunities are offered, and it is here that the most noteworthy achievements have been wrought.

Churches, municipal buildings, schools, museums and hotels, and above all the medium and larger sized residences have repeatedly been rendered in this modern mission style. From the fact that this style has come into vogue so rapidly, and enjoys such universal popularity, we may appreciate the rare and simple beauty which the old ruins must have held in their day, as well as the value of this style now offers from a commercial standpoint. Church buildings need undergo little or no change, since the mission style was originally ecclesiastical; however, in other buildings, the peculiar purpose must determine the architecture.

We note as a rare example of mission architecture used in commercial lines, the Glenwood Mission Inn, at Riverside, California. It was undoubtedly modeled from the San Gabriel Mission, and the sentiments which characterized the old missions are the most successfully commercialized.

Municipal buildings can be just as appropriately rendered in this style as in any other, for towers, pediments and arches all adapt themselves readily.

To the residences should be given the becoming proportions of the old adobe house, and there will still remain ample opportunity to insert numerous mission peculiarities to good advantage. The low structure gives the idea of durability and solidity, nor need it be adjudged squatly if properly proportioned and planned. The courtyard or patio will be most welcome; towers may at times be resorted to with some slight modifications; pediments may be readily used; a series of arches should adorn the piazzas; while columns, half-columns and pilasters if judiciously placed, will produce a most desirable effect.

In short, as the pioneers found it, the Mission Style is undoubtedly becoming to California's equable climate and its picturesque landscape. It portrays the Spanish traditions, and characterizes the fervent sentiment of the people, while above all it connects in a way truly interesting, California's early romantic history with its commercial importance of today.

E. P. FUCHS, A. E. '16.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$30,000. Architect, Charles J. Rousseau, Monadnock Bldg., S. F. Owner, John Kincannon. The building will be erected on the south side of Post street east of Van Ness avenue, and will have a frontage of 27½ feet by a depth of 120 feet. There will be a total of twenty suites arranged in apartments of two and three rooms. Interior will be finished in pine throughout, except in the lobby and main halls, which will be finished in blue gum. Hardwood floors will be used throughout. Plans provide for steam heat, an automatic elevator, hot water supply and portable vacuum cleaners. An oil burning equipment will be installed. All apartments will have wall beds and private bath rooms. Tile floors and wainscot will be used in the baths. Exterior of the building will be faced with pressed brick. Entrance will be finished in marble. Plans are complete and segregated figures are being taken.

SACRAMENTO, CAL.—Apartment house, 2 story and base, frame, \$5,000. Architect, none. Owner, William R. Saunders, 2810 I street, Sacramento. The building will be erected on P street, and has been designed to contain four apartments of four rooms and bath. Interior finish will be of pine and redwood. There will be wall beds and a hot water supply. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 6 story and base, steel and brick, \$100,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, George Bennett. The building will be erected on the south side of Eddy street near Leavenworth, having a frontage of 50 feet and a depth of 137½ feet. There will be a complete steel frame with reinforced brick walls. Plans provide for a total of sixty suites of two and three rooms. Interior will be finished in pine, blue gum and Circassian walnut, with hardwood floors in the principal rooms. There will be steam heat, elevator service, electric dumb waiters, a vacuum cleaning system and hot water supply. All suites will have wall beds. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick, granite and Colusa sandstone. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Joseph Cahen and I. Rosenberg. The building will be erected on the south side of Sacramento street west of Scott, and has been de-

signed to contain twelve suites of three and four rooms. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Each apartment will have a large open air sleeping porch. Plans provide for steam heat and a hot water system. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures will be called for at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Dr. J. J. Arberry. The building will be erected on 11th avenue near Lincoln Way in the Sunset District, and will cover a ground area of 32 by 100 feet. There will be twelve suites of three and four rooms. Interior will be finished in pine throughout. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$10,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 1011 Kearny street. These two buildings will be erected on Hyde street north of Pine, and each has been designed to contain six apartments of three rooms each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be a hot water supply and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. Wall beds are specified. Exterior of the buildings will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BRIDGES AND DAMS.

MARYSVILLE, YUBA CO., CAL.—Bridge, reinforced concrete, \$125,000. Engineer, County Surveyor, Marysville. Owners, Yuba County. Nine sets of figures were opened by the Board of Supervisors for the construction of the D street bridge over the Yuba River. The lowest figure was received from the Clinton Fireproofing Co., of San Francisco, at \$134,000. All bids were taken under advisement. A complete list of the bids as opened will be found under the heading of Sacramento, Stockton and Northern California in this issue.

MILLIE, YUBA CO., CAL.—Bridge, reinforced concrete, \$5,000. Engineer, County Engineer, Marysville. Owners, Yuba County, Jenkins & Holmes of

Chico presented the lowest figure at \$1,770 for constructing the new bridge over the Honcut Creek near Mahle Crossing. Three bids in all were received. No contract has been awarded. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

OAKLAND, CAL.—Bridge repairs, pile and steel construction, \$30,000. Engineer, County Surveyor P. A. Haviland, Oakland. Owners, Alameda County. County Surveyor P. A. Haviland has been instructed to prepare plans for repairs to three bridges which span the Oakland Estuary, connecting Oakland and Alameda. This work is estimated to cost \$30,000. Bids will be called for as soon as plans and specifications can be completed.

SAN FRANCISCO—Piers, 2, creosoted pile and concrete. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The State Board of Harbor Commissioners have asked the State Board of Control to publish an official proposal calling for figures for the construction of two new piers on the San Francisco water front. Piers Nos. 16 and 18 are to be constructed at once, and will be located between Mission and Howard streets. Creosoted piles and concrete bulkheads will be used. Each pier will be 200 feet wide and 800 feet long.

Plans for the subpost office to be erected by the State Harbor Commission and leased to the Government have also been approved and will be advertised at once. This building will be erected south of the present Union Ferry Building.

RIO VISTA, SOLANO CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer's name not given. Owners, Solano and Sacramento Counties. Plans and specifications for the proposed bridge over Chipps Island at Rio Vista have been received at Washington, D. C. It is stated that the plans will be changed only in as much as the draw will be moved over near the Rio Vista side. Final action will be taken shortly by the Washington authorities.

COLUSA, COLUSA CO., CAL.—Bridges and culverts, reinforced concrete. Cost not stated. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans have been completed for a number of reinforced concrete culverts and reinforced concrete bridges to be erected in Colusa County. Several of the bridges and culverts may be combined in one bid, but unit prices for each must be stated. There will be three bridges and in the neighborhood of seven culverts. Complete information relative to this work can be secured from the County Clerk at Colusa. Bids will be opened on September 23rd.

RICHMOND, CONTRA COSTA CO., CAL.—Bridges, steel construction. Cost not stated. Engineer, County Surveyor, Martinez. Owner, Contra Costa Coun-

ty. Plans prepared by the County Surveyor for three road bridges to be erected along the new State Highway in Contra Costa County have been completed and the county will advertise for bids within a few days. All three bridges are to be of steel construction.

FACTORIES AND WAREHOUSES.

CHICO, BUTTE CO., CAL.—Cannery, 1 story, frame and galvanized iron, \$10,000. Architect, W. E. Coffman, Chico. Owners represented by O. E. Tracy, Main street, Chico. Complete working drawings for a large building designed for a modern cannery have been completed. The project is to be financed by a stock company promoted by O. E. Tracy, who is now endeavoring to raise \$25,000. Further mention will be made of the work shortly.

FIRE HOUSES AND JAILS.

ALTURAS, MODOC CO., CAL.—Jail cells, steel construction. Cost not stated. Architect, De Longchamps, Reno, Nev. Owners, Modoc County. The Board of Supervisors at Alturas will open bids on September 21st for furnishing and installing five steel cells in the new county jail building. Bids will also be considered for removing two old steel cells and placing them in the new building. Plans and specifications can be secured from the County Clerk.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, P. D. Taylor, 1921 Oak street, S. F. The building will be erected on the south side of Lake street west of 16th avenue, and has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flat alterations, 2 story, frame, \$2,500. Architect, none. Owner, Mrs. L. A. Collins, 1032 Hyde street, S. F. The work will consist of raising and adding a story to the present two story building. The ground floor will be occupied by stores. Included in the work will be new interior trim, plumbing, electric work, plastering and painting. Open fire places and tile mantels will be used. Exterior will be covered with rustic. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,800. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Adam Becker. The building will be erected on Guerrero street near Cumberland and has been designed to contain two modern flats of five rooms each besides a private garage in the basement. Interior of the flats will be finished in pine with some hardwood floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Wall beds are also specified. Exterior

of the building will be covered with shiplap. Plans are now being prepared.

GOVERNMENT WORK & SUPPLIES.

San Diego, Cal., Coal Tower.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing a coal-holding tower at the U. S. naval coal depot, San Diego, Cal.:

The Meade-Morrison Mfg. Co., East Boston, Mass., \$41,245.

McMyler Interstate Co., Bedford, Ohio, \$35,400.

The Robbins Conveyor Belt Co., 13 Park Row Building, New York City, \$42,676.

The C. W. Hunt Co., Inc., 45 Broadway, New York City, \$44,837; add conditionally \$1,140.

Okanogan Project, Pipe.

The following bids were opened by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing riveted steel pressure pipe for the Okanogan project:

Item 1, 3 riveted steel pressure pipe; 2, erection of same.

Lacy Mfg. Co., Los Angeles, Cal., item 1, \$1,571.76; Los Angeles, 90 days.

Western Pipe and Steel Co., San Francisco, Cal., item 1, \$1,672.20; Richmond, Cal., 40 days.

Willamette Iron & Steel Works, Portland, Ore., item 1, \$2,300; Portland, 75 days; 2, \$1,250.

Llewellyn Iron Works, Los Angeles, Cal., item 1, \$2,390; Los Angeles, 60 days.

Union Iron Works, Spokane, Wash., item 1, \$2,500; Spokane, 30 days; 2, \$1,185.

Perine Machinery Co., Seattle, Wash., item 1, \$2,616; Seattle, 25 days.

Fulton Engine Works, Los Angeles, Cal., item 1, \$2,781; Los Angeles, 50 days.

Puget Sound, Exciter.

The bid of the Ker Turbine Co., Real Estate Trust Building, Philadelphia, Pa., \$1,562 in amount, has been accepted for furnishing one 40-K. W. turbine-driven exciter for the power plant at Puget Sound.

Alameda, Cal., Telephone System.

The contract for installing a multiple intercommunicating telephone system in the U. S. post office building at Alameda, Cal., has been awarded to the Alameda Electric Co., 1335 Park street, Alameda, Cal., at \$65.

Timber, Seattle Engineer.

The Union Lumber Co., of Union Mills, Wash., will furnish the timber called for under bids opened July 23 by the U. S. engineer, Seattle, Wash., for the sum of \$23,158.94.

Electrical Apparatus, McQueen Well.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing electrical apparatus for McQueen Well:

Item 1, one 75-H. P., 2,200-volt, 23-cycle, 750 r. p. m., vertical, square, C motor; 2, one automatic controller and oil s. w., complete, for motor; 3, one 75 k. v. a. transformer; 4, one 2 k. v. a. transformer.

Allis-Chalmers Mfg. Co., Milwaukee,

Wis., item 1, \$725 2, \$690 3, \$775, 4, \$10, at East Norwood, Ohio.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa., item 1, \$747, 2, \$525, 3, \$853, 4, \$48.40, at East Pittsburgh, Pa.

Crocker-Wheeler Co., Los Angeles, Cal., item 1, \$814; 2, \$960; 3, \$1,000; 4, \$49, items 1, 3 and 4 at Ampere, N. J.; 2, at Los Angeles, Cal.

Wagner Electric Co., St. Louis, Mo., item 1, \$867; 3, \$835; 4, \$16.50; at St. Louis, Mo.

General Electric Co., Schenectady, N. Y., item 1, \$947; 2, \$645; 3, \$751; 4, \$55; items 1 and 2 at Schenectady; 3 and 4, at Pittsfield, Mass.

Moloney Electric Co., St. Louis, Mo., item 3, \$648; 4, \$49; at St. Louis.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 3, \$889; 4, \$48; at Pittsburgh, Pa.

Denver, Colo., New Toilet, Etc.

The contract for constructing a new toilet, etc., in the U. S. Mint (new), at Denver, Colo., has been awarded to F. H. Cowell at \$1,353.55.

Portland, Ore., Roof Repairs.

The contract for repairs to the roof of the U. S. custom house at Portland, Ore., has been awarded to J. C. Bayor at \$1,050.

Pipe and Fittings.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., under specification No. 327, for furnishing pipe, valves, and pipe fittings for the Shoshone project, Wyo.:

American Steel Pipe & Tank Co., Los Angeles, Cal., \$522.17; Los Angeles, 3 weeks.

Crane Co., Los Angeles, Cal., \$542.12; Los Angeles, 3 weeks.

Western Pipe & Steel Co., Los Angeles, Cal., \$573; Los Angeles, 10 days.

Denver, Colo., Mechanical Equipment.

The contract for mechanical equipment work in the U. S. Mint at Denver, Colo., has been awarded to F. H. Cowell at \$619.

V. & D. Cold Storage Plant, Pearl Harbor.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for building and equipping an ice-making and cold-storage plant at the naval station, Pearl Harbor, H. T.:

Item 1, net price for the ice-making and cold storage plant with all appurtenances and accessories, complete, in accordance with plans and specification; item 2, net price for the ice making and cold storage plant, complete, in all details as contemplated by item 1, conforming to the intent of this specification, but with such modifications of detail as are clearly defined under a special heading entitled "Exceptions"; item 3, net price for the ice making machinery and cold storage plant erected, complete, in accordance with plans and specification as described in paragraphs 24 to 43, inclusive; item 4, net price for furnishing and erecting the building in accordance with the plans and specification as described in paragraphs 44 to 52 inclusive; item 5, net price for furnishing and erecting the building, conforming to the intent of this specification, but with such modifications of details as are clearly described in the proposal

under a heading entitled "Exceptions," item 6, net price for the electric lighting in accordance with the plans and specification, as described in paragraph 53; item 7, net price for furnishing and installing one additional ammonia compressor conforming to this specification, as described in paragraph 24; item 8, net deduction in price for the omission of 1-inch cork board insulation from the outside walls, partition walls, and ceiling of cold storage rooms; item 9, net deduction in price for the alternative arrangement of partition walls marked "B" of the cold storage rooms as shown on plans; item 10, net deduction for substituting a type of insulation as clearly described and guaranteed in the proposal in lieu of the corkboard insulation specified; item 11, net deduction from items 1 and 2 for omitting the electric lighting as described in paragraph 53.

The Vilter Mfg. Co., Milwaukee, Wis., item 1, \$18,690; 2, \$18,440; 3, \$11,800; 4, \$7,000; 5, no modifications; 6, \$1,000; 7, \$1,780; 8, \$320; 9, \$100; 10, \$580; 11, \$850.

The Mayer Ice Machine & Engineering Co., Jersey City, N. J., item 2, \$16,200.

The Frick Co., Waynesboro, Pa., item 1, \$25,775; 2, \$18,360; 7, \$2,580.

Logan, Utah, Paving Driveway.

The following bids were received by the custodian, U. S. post office, Logan, Utah, recently for paving driveway at the above building:

Hawks & Johnson, Logan City, Utah, \$23,385; September 28, 1914.

J. E. Wilson, Jr., 128 S. 1st East street, Logan, Utah, \$2,574; September 25, 1914.

Grohne Contracting Co., Joliet, Ill., \$2,194; October 1, 1914.

Gates and Gate Stands.

The following bids were received by the U. S. Reclamation Service, Great Falls, Mont., for furnishing structural steel and cast iron sluice and regulator gates, gate frames, gate stands, and accessories for projects in the northern division:

Bid 1. Fulton Engine Works, Box 296, Los Angeles, Cal.

2. The Hinman Hydraulic Mfg. Co., Denver, Colo.

3. Minneapolis Steel & Machinery Co., Minneapolis, Minn.

4. Coffin Valve Co., Neponset, Mass.

5. Chicago Bridge & Iron Works, 105 Thorp street, Chicago, Ill.

6. Caird Engineering Works, Helena, Mont.

7. Coast Culvert & Flume Co., Columbia Boulevard, Kenton, Ore.

8. Wm. F. Garbe, 721 E. Magnolia street, Fort Collins, Colo.

Schedule No. 1.

Item 1. Two structural steel gates and frames—Bid 1, \$368; 2, \$454.90; 3, \$375; 5, \$367.

Item 2. Three do—Bid 1, \$291; 2, \$326.80; 3, \$550; 5, \$263.30.

Item 3. Eight do—Bid 1, \$197; 2, \$235.82; 3, \$190; 5, \$209.

Item 4. Eight do—Bid 1, \$155.50; 2, \$182.81; 3, \$155; 5, \$122.

Item 5. Four do—Bid 1, \$144.50; 2, \$192.07; 3, \$141.50; 5, \$111.

Item 6. Six do—Bid 1, \$141.25; 2, \$180.50; 3, \$134; 5, \$104.

Item 7. Four do—Bid 1, \$130.50; 2, \$170.10; 3, \$115; 5, \$84.

Item 8. One do—Bid 1, \$132; 2, \$211.05; 3, \$103; 5, \$95.

Item 9. Five do—Bid 1, \$130.50; 2, \$165.95; 3, \$98; 5, \$66.

Item 10. Eight do—Bid 1, \$125.50; 2, \$126.04; 3, \$95; 5, \$66.

Item 11. One do—Bid 1, \$120; 2, \$160.80; 3, \$95; 5, \$56.

Item 12. All metal work, except hand rails in operating bridge—Bid 1, \$68; 2, \$60.45; 3, \$37; 5, \$48.

Item 13. Two structural steel gates and frames—Bid 1, \$375; 2, \$458.40; 3, \$273; 5, \$186.

Item 14. Three structural steel gates—Bid 1, \$77.75; 2, \$92; 3, \$35; 5, \$54.

Total—Bid 1, \$9,337.25; 2, \$11,348.09; 3, \$8,186; 5, \$7,170.03.

Freight—Bid 1, \$682.70; 2, \$619.75; 3, \$572.75; 5, \$682.50.

Grass Valley, Cal., Post Office.

The contract for the construction, complete, of the U. S. post office at Grass Valley, Cal., was awarded to Welsh Bros., 15th and Jefferson streets, Eureka, Cal., at \$42,474.

Portland, Ore., Painting.

The contract for painting in the U. S. customs house building at Portland, Ore., has been awarded to Grocock & Son, Portland, Ore., at \$2,760.

Accumulators for Stock and Stores.

The following bid was received by the light house inspector, 18th district, San Francisco, Cal., for accumulators for stock and stores:

American Gas Accumulator Co., Philadelphia Pa., f. o. b. San Francisco, \$1,230; f. o. b. Philadelphia, \$1,150, accepted.

SAN FRANCISCO—Bachelors' quarters, 2 story and base, brick. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids opened for this work show Frank M. Garden Co., 251 Kearny street, low on the entire work at \$21,178. A contract has not been awarded. A complete list of figures showing all subfigures appears under the heading of San Francisco in this issue.

HALLS AND SOCIETY BUILDINGS.

TACOMA, WASH.—Lodge hall, 4 story and base, reinforced concrete, \$100,000. Architect, E. F. Champney, Hay Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will cover a large ground area and has been designed for a fireproof structure. There will be stores on the first floor. Upper floors will be arranged for lodge rooms, offices and living apartments for the members. Interior will be handsomely finished in pine and hardwoods. Maple floor will be used in the ball room. Plans provide for steam heat, hot water system, vacuum cleaning and elevator service. Marble and tile will be used extensively. Exterior of the building will be faced with terra cotta. Plans are now being prepared.

PANAMA—PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Private exhibit building, 1 story, frame and plaster, \$10,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, M. A. Gunst Co. The building will be designed to contain an extensive

display of the company's methods, including an interesting exhibit of the tobacco industry from its growing to completed product. Interior will be finished in pine with ornamental plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Music concourse frame construction. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for constructing a music concourse have been completed and received the approval of the building committee. Bids are now being taken and will be opened on September 17th. Plans and specifications can be secured on application to room 207 Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—Concession building, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete for a number of concession buildings to be erected on the Avenue of Palms in the Exposition grounds. Bids for this work will be opened by the Buildings and Grounds Committee on September 22nd. Plans and specifications can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

POST OFFICES.

SEATTLE, WASH.—Subpost office, 2 story and base, mill construction, \$30,000. Architects, Webster & Ford, Lyon Bldg., Seattle. Owners, Great Northern Railroad Co. A new building will be erected by the railroad company and leased to the Government. The new building will be built on the site of the present subpost office, adjoining the Great Northern Co.'s main passenger depot in Seattle. Construction will be of the low burning type. The building will cover an area of 80 by 130 feet. Exterior will be faced with pressed brick. Plans are complete and in the hands of the railroad company who are now taking figures on the work.

WILLOWS, GLENN CO., CAL.—Post office, 1 and 2 story, semireinforced construction, \$75,000. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. R. A. McNally, representing Congressman Kent is the authority for the statement that bids will be called for within the next three weeks for constructing the new post office at Willows. An appropriation of \$75,000 is available for this work.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAUSALITO, MARIN CO., CAL.—Roundhouse and tract work, reinforced concrete. Cost not stated. Engineer, Engineering Department Northwestern Pacific, Helena Bldg., S. F. Owners, Northwestern Pacific Railroad Co. Plans are being prepared for filling by dredger the big mud flats in Sausalito adjoining Mason Malt Distillery and constructing thereon a large reinforced concrete roundhouse. Additional switch yards and trackage will also be constructed. The roundhouse

will be of fireproof construction. Exterior will be faced with cement plaster. Plans are now being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. The dwelling will be erected on the east side of Jordan avenue south of Euclid, and has been designed for a seven-room house with bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the east side of 10th avenue north of Fulton, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantels will be of tile. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$10,000. Architect, Milton Litchenstein, 111 Ellis street, S. F. Owner, Rose Hoffman. The dwelling will be erected on Clay street near Laurel, and has been designed to contain eight rooms, two baths and sleeping porch. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, L. Wolf, 131 Coe avenue, San Jose. The dwelling will be erected on Hiathorn Way, and has been designed for a six-room house. Interior will be finished in pine and redwood with hardwood floors in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on 26th avenue south of

Anza, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire place and tile or brick mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

LOS ANGELES, CAL.—Residence, 2 story and base, cement plaster, \$25,000. Architect, Joseph J. Bllek, Dodworth Bldg., Pasadena. Owner, Paul Harwood, Mexican Petroleum Co., 12 A. The dwelling will be erected in Windsor Square and has been designed in the Spanish style. The dwelling will contain in the neighborhood of fourteen rooms, several baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the chambers. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are now being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, H. Goldman, 924 6th street, Sacramento. The dwelling has been designed for a six-room house with bath, and will be erected at the corner of West and 33rd avenue. Interior finish will be of pine and redwood with some hardwood floors. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FRESNO, PRESNO CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, O. J. Woodward. The dwelling will be erected on Mariposa street, and has been designed to contain ten rooms, three baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, brick and frame, \$7,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co., for Edward L. Nolan. The dwelling will be erected on Cerritos avenue west of Ocean avenue, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and hardwood with white enamel in the bed chambers. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with wire cut brick veneer. Plans are complete and the work will be done by Day

Labor under the direction of the architect. Materials are now being purchased.

BEVERLEY HILLS, LOS ANGELES CO., CAL.—Employees' quarters and stables, frame and plaster, \$50,000. Architect, W. I. Dodd, Marsh-Strong Bldg., L. A. Owner, J. M. Danziger. The buildings will be part one and part two story structures with exteriors covered with cement plaster on metal lath. Clay tile roofs will be used. Besides the quarters there will be buildings for the blooded stock, cow barns and kennels. Interiors will be finished in pine throughout. In the employees' quarters several baths will be installed. Plans are now being prepared.

SCHOOLS.

BAKERSFIELD, KERN CO., CAL.—School toilets and plumbing. Cost not stated. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School District. Plans for constructing toilets and furnishing and installing plumbing equipment in same have been completed. The buildings in which plumbing is to be installed are as follows: Emerson, Bryant, Hawthorne, Lincoln, Washington and Tenth Street schools. Bids are now being taken and will be opened by the Board of Education on September 21st. Plans and specifications can be secured from the architect.

BAKERSFIELD, KERN CO., CAL.—School heating and ventilating. Cost not stated. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School District. Bids will be opened on September 21st for furnishing and installing a heating and ventilating system in the Emerson School. Plans and specifications can be secured from the architect.

HOLTVILLE, IMPERIAL CO., CAL.—School, 2 story and base, hollow tile, \$43,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville School District. The building will cover an area of 61 by 152 feet, and has been designed to contain twelve class rooms, an assembly hall and principal's office. Interior will be finished in pine with some maple floors. There will be a central heating system and modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 24th. Plans and specifications can be secured from the architects.

ALHAMBRA, LOS ANGELES CO., CAL.—School group, 1 and 2 story. Class C construction, \$90,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Alhambra High School District. The buildings will consist of the Mechanics, Physical, Education and Science buildings, and will be erected on the site of the present building. Separate bids will be received on the general contract, plumbing, electric wiring, painting, heating and ventilating and program clocks. The building will be of the Class C type with concrete foundations, blue brick exterior facing, composition roofing, frame interior construction, pine trim, maple floors, toilets, lavatories, shower baths, lockers, etc. Plans are complete and figures are being taken. Bids will be opened on September 29th. Plans and specifications

tions can be secured from the architect.

HAWTHORNE, LOS ANGELES CO., CAL.—School, 1 story and base, hollow tile, \$40,000. Architect, W. C. Pennell, Baker-Detwiler Bldg., L. A. Owners, Hawthorne School District. The building will contain four class rooms and a large auditorium designed to seat 500 people. Interior will be finished in pine with hardwood floors in the class rooms. There will be a central heating system. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be called for as soon as bonds can be voted.

FOWLER, FRESNO CO., CAL.—School, 1 story, frame. Cost not stated. Architect, C. K. Kirby, Jr., Fresno. Owners, Magnolia School District. The building has been designed for a district school, and will be erected about two miles east of Fowler. There will be two class rooms. Interior will be finished in pine throughout. Stoves will be used for heating. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on September 19th.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN RAFAEL, MARIN CO., CAL.—Water system. Cost not stated. Engineer's name not given. Owners, Marin Water and Power Co., San Rafael. A. W. Foster, of the Marin Water and Power Co., has gone on record as wishing to build the proposed dam at Tamalpais, which is to furnish practically all of Marin County with a water supply. Considerable opposition to the Tamalpais dam site exists among members of the "New Water District Association," who favor what is known as the Alpine site on Lagunitas Creek. If Mr. Foster's proposition is accepted by the district, provision is made whereby the district may, at any future time take over the Tamalpais dam on payment of its actual cost of construction.

VALLEJO, SOLANO CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Plans and specifications have been completed and figures will be opened on September 17th for paving Georgia street. The work will require a four-inch concrete base with a two inch bituminous top, concrete curbs and six-inch concrete gutters. Plans and specifications can be secured from the City Engineer.

CALIFORNIA—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on October 5th for highway work in the following counties: Humboldt County, grade, 3.7 miles Humboldt County, grade, 4.3 miles; Alameda County, Portland cement concrete, 5.9 miles; San Luis Obispo County, grade, 3.6 miles; Santa Barbara County, Portland cement concrete, 3.7 miles; Imperial County, Portland cement concrete, 6.0 miles. At 3:30 p. m.—San Luis Obispo County, Portland cement concrete, 10 miles; Sacramento County, Portland cement concrete, 6.8 miles; Solano County,

Portland cement concrete, 8.2 miles, and Santa Barbara County, Portland cement concrete, 3.6 miles.

WASHINGTON RECLAMATION DISTRICT, YOLO AND SACRAMENTO COUNTIES, CAL.—Permanent levee improvements. Cost not stated. Engineer's name not given. Owners, Washington Reclamation District. Homer Lee, one of the Trustees of the Washington Reclamation District, located in Yolo and Sacramento Counties, states that plans for permanent levee improvements in the Washington District have been submitted to the State Reclamation Board for approval. Two different schemes are provided. Full particulars can be secured by addressing the State Reclamation Board, Nicholas Bldg., Sacramento.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Sanitary sewer system. Cost not stated. Engineer, City Engineer George P. Robinson, Santa Barbara. Owners, City of Santa Barbara. City Engineer George P. Robinson of Santa Barbara is preparing preliminary plans for a new and adequate sewer system for Santa Barbara. The present system, with its outfall into the ocean, was not built to meet the rapid growth of the city, and a new and much more complete system is an absolute necessity.

COALINGA TO MARTINEZ, CAL.—Pipe line. Cost not stated. Engineer's name not given. Owners, The Valley Pipe Line Co. The pipe line from the Coalinga oil fields to Martinez will be built by the Valley Pipe Line Co., a Dutch-Shell subsidiary. The company has applied to the Railroad Commission to issue \$5,318,400 in common stock.

STORES AND OFFICES.

SAN FRANCISCO—Store and office alteration. Cost not stated. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Claus Spreckels. Plans are being prepared for extensive alterations to the first and second floors of the old Call Building at the corner of Third and Market streets. The work will include new interior finish, store fixtures, electric work, plastering, painting and plumbing. Bids will be taken shortly.

Contracts Awarded.

SAN FRANCISCO—Apartment house alteration, frame construction, \$8,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name not given. Contractors, Robert Dewar & Son, 150 Jessie street, S. F. Contract price, \$5,000.

SAN FRANCISCO—Flats and store, 3 story and base, frame, \$6,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, C. A. Spillane. Contractors, Hansen & Borman, S. F. Contract price, \$6,000.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction, \$55,000. Architect, none. Owner, Francesca A. Jerupun. Contractor, E. T. Flaherty, Knickerbocker Bldg., L. A. Contract price, \$65,000.

PASADENA, LOS ANGELES CO., CAL.—School, 1 story and base, frame and plaster, \$22,716. Architects, Mars-ton & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, Altadena School District. Contractors, Wopshall Bros., 100 East Colorado street, Pasadena. Contract price, \$22,716.

REDWOOD CITY, SAN MATEO CO., CAL.—Road construction. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The San Mateo County Board of Supervisors awarded road contracts in San Mateo County as follows: Woodruff Creek to San Gregario, grading, awarded to Blanchard & Brown, 660 Market street, S. F., for \$22,494.50, and Halfmoon Bay to Tunitas, grading and macadamizing, awarded to James Willison, \$54,131.

PASADENA, LOS ANGELES CO., CAL.—Store and office, 2 story and base. Class C construction, \$6,000. Architects, Buchanan & Brockway, Pasadena. Owners, O. L. and F. B. Braddock. Contractor, O. C. Williams, Pasadena. Contract price, \$6,000.

TEARS AND BLOOD.

If you have an immigrant girl in your kitchen—and most of the girls in our kitchens are immigrants—you are likely to find her crying over some letter from Europe announcing that her brother, sweetheart or father has been called to the war. Multiply the sorrow of that girl by thirty or forty millions, and you have some measure of the outpouring of women's tears in Europe at this moment. Measure the ignorance of that girl of the causes and purposes of the war against the equal ignorance of her mother and sisters in Europe and realize that this is the intellectual state of most of the population of Europe, and you will have some understanding of the meaningless mystery of the horror which is overwhelming the women of Europe. For a cause which they cannot know, and to a purpose which has no meaning to them, the men of their families have been called away to war, in unknown regions against an unknown foe, as a part of an incomprehensible catastrophe. There will be more tears shed in Europe than blood, and the tears will be the tears of women, mostly ignorant and helpless peasant women. —Fresno Republican.

It is this ability of kings to send men to war to glut a personal ambition, to sacrifice them on the altar of patriotism without their consent that the world deplores. If the war does nothing else than to depose the robber barons who work upon their own and other nations as belonging to a select few it will not have been in vain. Too long has this mediaeval oligarchy lined off the labors of the common people and sacrificed them for their own selfish ambition.

Egypt is adopting modern agricultural machinery after using the most primitive kinds for thousands of years.

Altogether Ohio has seventy-eight miles of concrete roads, 440 miles of brick roads, 12,000 of macadam and 15,600 of gravel.

Flumes of the V type are extensively used in California, transporting annually about 110,000,000 feet of lumber from the mountains to the valley. Some of those in the southern Sierras are sixty miles in length. Such flumes are said to cost between \$4,000 and \$5,000 per mile.

Hoboken, N. J., has a new lacemaking plant costing \$250,000.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 867-A—Proposals for Lumber.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **September 18, 1914**, at which time they will be opened in public for furnishing lumber. Blanks and general information relating to this circular (No. 867-A) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS.

SEALED BIDS FOR SUPPLYING machinery for the Polytechnic High School will be received in open session of the Board of Education to be held at **2:30 p. m. Tuesday, September 22nd, 1914**.

Specifications may be had on application to the undersigned.

M. R. NORRIS,
Secretary Board of Education.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for completion in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

1. Unit 2, O'clock P. M., October 5, 1914.

Humboldt County from Shively to Jordan Creek (I-Hum-1-D), about 3.7 miles in length, to be graded.

Humboldt County from Loleta to Beatrice (I-Hum-1-G), about 4.3 miles in length, to be graded.

Alameda County from the easterly county boundary to Altamont (IV-Ala-2-A), about 5.9 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from San Luis Obispo Creek to Cuesta (V-S. L. O. 2-D), about 3.6 miles in length, to be graded.

Santa Barbara County from Zaca Station to Los Alamos (V-S. B-2-C), about 8.7 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

1. Unit 3, 9 o'clock P. M., October 5, 1914.

San Luis Obispo County from Atascadero Creek to Paso Robles (V-S. L. O. 2-B), about 10.0 miles in length to be built of Portland cement concrete.

Sacramento County from Folsom to the easterly county boundary (III-Sac-11-A), about 6.5 miles in length, to be built of Portland cement concrete.

Solano County from Vacaville to Batavia (III-Sol-7-D), about 8.2 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Divide to Orcutt (V-S. B-2-A), about 2.6 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Stony Creek to El Capitan Creek (V-S. B-2-G & I), about 10.2 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the

office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CARLETON,
Acting Secretary.

Dated Sept. 2, 1914.

*Sept. 10-17-24, Oct. 1

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at **9:00 A. M., Thursday, September 17th, 1914, for Waste Concourse, South Gardens**, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of September, 1914**, for doing the following public work, including the furnishing of the necessary labor and materials therefor to wit:

The construction of a tunnel with approaches and appurtenances thereto under the elevation known as the twin Peaks Ridge in the City and County of San Francisco.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within six hundred (600) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract has been fixed at \$500,000.00.

All proposals offered must be accompanied by check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR LIGHT FIXTURES.

LIGHT FIXTURES—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received here until **September 21, 1914**, for installing light fixtures in the U. S. public buildings at Minneapolis, Minn.; Muskogee, Okla.; Boston, Mass., and San Francisco, Cal. For further information address the supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 866—Proposals for Furnishing and Erecting Structural Steel for the Cristobal Coaling Plant Wharf, Structural Steel, proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. September 21, 1914**, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 866) may be obtained from this office or the office of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, **up to and including 12 o'clock, noon, Monday, September 21, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as the Chambers Cottage, Napa State Hospital, Napa, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the entire work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Chambers Cottage, Napa State Hospital, Napa, California."

(Signed) W. F. McCLURE, State Engineer. (*)

Aug. 20-27, Sept. 2-10.

PROPOSALS FOR WHARF AND SHED

WHARF AND SHED—Sealed proposals indorsed "Proposals for Wharf and Wharf shed" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. September 26, 1914**, and then and there publicly opened for a wharf and wharf shed at the navy torpedo station, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

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Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Wednesday, September 23, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as Temporary Cottages for Males, Agnew State Hospital, Agnew, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California. Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per cent (10%) of the amount of bid must accompany each bid.

A deposit of Ten (\$10.00) Dollars will be required on plans and specifications to be the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, Sacramento, California, in good condition.

The State Department reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for Temporary Cottages for Males, Agnew State Hospital, Agnew, California."

(Signed) W. F. McCURE, State Engineer. (*)

Aug. 20-27, Sept. 3-10.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, September 22, 1914, for Constructing Concession Buildings on the Avenue of Palms, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids

will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McCURE, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, September 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as "Hospital Cottage" and "Typical Cottages Nos. 1 and 2," California School for Girls, Ventura, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per cent (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications to be the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McCURE, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for 'Hospital Cottage' and 'Typical Cottages Nos. 1 and 2,' California School for Girls, Ventura, California."

(Signed) W. F. McCURE, State Engineer. (*)

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul Abraham E. Smith, Victoria, British Columbia.]

General Construction Work.

The new \$80,000 city jail at Victoria is to be constructed at once, provision being made for an additional story; J. C. M. Keith, architect. Architect T. D. Sedger has closed contract for erection of a \$30,000 business block to contain 16 store rooms. Other proposed new work includes a \$450,000 hospital, L. P. Rixford, architect; \$20,000 curling rink, and \$40,000 courthouse at Duncan, architects, Coates & Fleet; \$18,000 apartment, H. T. Whitehead, architect; and \$360,000 bridge, city engineer, architect. The \$50,000 Patricia Bay wharf contract was awarded to Mr. Doe, office Sayward Block, Victoria.

Buildings under construction include a \$250,000 drill hall and \$13,500 apartment house by Parfit Bros., contractors; \$400,000 department store, British Columbia Construction Co.; \$17,490, \$16,500, and \$50,000 school buildings, Luney Bros., contractors; \$10,000 theatre and \$25,000 brick stores, Dinsdale & Malcolm, contractors; \$175,000 post office, McAlpine-Robertson Co., contractors; \$52,000 church, Stevens Bros., contractors; \$25,000 residence, P. McKechnie, contractors; \$145,000 residence, William Drysdale, contractor;

\$20,000 residence, C. C. Johnson, contractor; \$12,000 residence, W. A. Gleason, contractor; \$20,000 residence, Grayson & Son, contractors; \$30,000 building, T. H. Brown, contractor.

CHINA.

[The Far Eastern Review.]

A Belt Railway for Peking—Tramways

The Chinese Ministry of Communications has at last arrived at an arrangement with the Peking city authorities whereby they will be able to connect the terminals of the Peking-Kalgan, the Peking-Mukden, the Peking-Tungchow, and the Peking-Hankow Railways. Later a Peking Central Railway Station will be built. The line will be about 7 miles in length and will hug the wall the whole way.

To facilitate the handling of traffic in and out of the city two tunnels will be bored through the wall on either side of the existing arch forming the Chien-men. One will be utilized for the proposed tramways, while the other will be used for passenger traffic.

New Bank Buildings.

The development of the foreign banking interests in China is necessitating the erection of adequate foreign buildings adapted to banking purposes in the capital for those institutions which have not yet accommodated themselves in this respect and improved premises elsewhere.

At present time both the Chartered Bank of India, China, and Australia and the Banque de l'Indo-Chine are carrying on active operations in the erection of suitable modern premises at Peking, and it is reported that the Banque Industrielle de Chine and certain Chinese banks are arranging for the erection of buildings on the ground at present occupied by the Ministry of Finance, near the Legation Quarter.

The Hongkong & Shanghai Banking Corporation, the Russo-Asiatic Bank, and the Yokohama Specie Bank have been in their own premises for some years, but others doing business in Peking have been forced to do the best they could with any houses available. Business is growing so fast that makeshift premises can no longer be tolerated, and we would not be surprised to see the International Bank, the Bank Sino-Belge, and others soon following the steps being taken by the Chartered and French banks.

The Banque de l'Indo-Chine is erecting its new premises on the site which it has always occupied, in Legation Street, opposite the Russian Legation, while the chartered Bank of India, China, and Australia has purchased a site at the corner of Legation Street, opposite the entrance of the American Legation.

New Treasury Building. Concrete Work at Port.

The Minister of Finance will now definitely have a new building at Peking for his offices. The construction of the building is to be undertaken by a German engineer and architect, who guarantees to complete the work at a cost of \$100,000.

The Chinese Maritime Customs Administration has decided to construct at Tientsin a bund of reinforced concrete in front of the customs house similar to that of the French bund. This improvement will have about 200 feet frontage, and the contract has been secured by the Syndikat Industriel et Commercial.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$30,000. San Francisco. Architect, Charles J. Rousseau, Monadnock Bldg., S. F. Owner, John Kincannon. The building will be erected on the south side of Post street east of Van Ness avenue, and will have a frontage of 27½ feet by a depth of 120 feet. There will be a total of twenty suites arranged in apartments of two and three rooms. Interior will be finished in pine throughout, except in the lobby and main halls, which will be finished in blue gum. Hardwood floors will be used throughout. Plans provide for steam heat, an automatic elevator, hot water supply and portable vacuum cleaners. An oil burning equipment will be installed. All apartments will have wall beds and private bath rooms. Tile floors and wainscot will be used in the baths. Exterior of the building will be faced with pressed brick. Entrance will be finished in marble. Plans are complete and segregated figures are being taken.

PRIVATE EXHIBIT BUILDING — 1 story, frame and plaster, \$10,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, M. A. Gunst Co. The building will be designed to contain an extensive display of the company's methods, including an interesting exhibit of the tobacco industry from its growing to completed product. Interior will be finished in pine with ornamental plaster. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, P. D. Taylor, 1921 Oak street, S. F. The building will be erected on the south side of Lake street west of 16th avenue, and has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLAT ALTERATIONS — 2 story, frame, \$2,500. San Francisco. Architect, none. Owner, Mrs. L. A. Collins, 1032 Hyde street, S. F. The work will consist of raising and adding a story to the present two story building. The ground floor will be occupied by stores. Included in the work will be new interior trim, plumbing, electric work, plastering and painting. Open fire places and tile mantels will be used. Exterior will be covered with rustic. Plans are complete and work will be done by Day Labor.

BACHELORS' QUARTERS—2 story and base, brick. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason.

Owners, United States Government. Bids opened for this work show Frank M. Garden Co., 251 Kearny street, low on the entire work at \$21,178. A contract has not been awarded. A complete list of figures showing all sub-figures appears under the heading of San Francisco in this issue.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. The dwelling will be erected on the east side of Jordan avenue south of Euclid, and has been designed for a seven-room house with bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on the east side of 10th avenue north of Fulton, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of tile. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$10,000. San Francisco. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, Rose Hoffman. The dwelling will be erected on Clay street near Laurel, and has been designed to contain eight rooms, two baths and sleeping porch. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MUSIC CONCOURSE — Frame construction. Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for constructing a music concourse have been completed and received the approval of the building

committee. Bids are now being taken and will be opened on September 17th. Plans and specifications can be secured on application to room 207, Service Bldg. An official proposal appears in another column of this issue.

CONCESSION BUILDING — Frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete for a number of concession buildings to be erected on the Avenue of Palms in the Exposition grounds. Bids for this work will be opened by the Buildings and Grounds Committee on September 22nd. Plans and specifications can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

APARTMENT HOUSE—6 story and base, steel and brick, \$100,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, George Bennett. The building will be erected on the south side of Eddy street near Leavenworth, having a frontage of 50 feet and a depth of 137½ feet. There will be a complete steel frame with reinforced brick walls. Plans provide for a total of 60 suites of two and three rooms. Interior will be finished in pine, blue gum and Circassian walnut with hardwood floors in the principal rooms. There will be steam heat, elevator service, electric dumb waiters, a vacuum cleaning system and hot water supply. All suites will have wall beds. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick, granite and Colusa sandstone. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owners, Joseph Cahen and I. Rosenberg. The building will be erected on the south side of Sacramento street west of Scott, and has been designed to contain twelve suites of three and four rooms. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. Each apartment will have a large open air sleeping porch. Plans provide for steam heat and a hot water system. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures will be called for at once.

APARTMENT HOUSE—3 story and base, frame, \$17,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Dr. J. J. Arberry. The building will be erected on 11th avenue near Lincoln Way in the Sunset District, and will cover a ground area of 32 by 100 feet. There will be twelve

sults of three and four rooms. Interior will be finished in pine throughout. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

PIERS—2, creosoted pile and concrete. Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The State Board of Harbor Commissioners have asked the State Board of Control to publish an official proposal calling for figures for the construction of two new piers on the San Francisco water front. Piers Nos. 16 and 15 are to be constructed at once, and will be located between Mission and Howard streets. Creosoted piles and concrete bulkheads will be used. Each pier will be 200 feet wide and 800 feet long.

Plans for the subpost office to be erected by the State Harbor Commission and leased to the Government have also been approved and will be advertised at once. This building will be erected south of the present Union Ferry Building.

FLATS—2 story and base, frame, \$6,800. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, Adam Becker. The building will be erected on Guerrero street near Cumberland, and has been designed to contain two modern flats of five rooms each besides a private garage in the basement. Interior of the flats will be finished in pine with some hardwood floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Wall beds are also specified. Exterior of the building will be covered with shiplap. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Thomas Hanill, 68 25th avenue, S. F. The dwelling will be erected on 20th avenue south of Anza, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire place and tile or brick mantel. Exterior of the dwelling will be covered with rustic. Plans are complete and the work will be done by Day Labor. Materials are being purchased.

STORE AND OFFICE ALTERATION—Cost not stated. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Claus Spreckels. Plans are being prepared for extensive alterations to the first and second floors of the old Call Building at the corner of Third and Market streets. The work will include new interior finish, store fixtures, electric work, plastering, painting and plumbing. Bids will be taken shortly.

APARTMENT HOUSES—2, 3 story and base, frame, \$10,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 1011 Kearny street, S. F. These two buildings will be erected on Hyde street north of Pine, and each has been designed to contain six apartments of three rooms each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in

the principal rooms. There will be a hot water supply and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. Wall beds are specified. Exterior of the buildings will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, brick and frame, \$7,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. for Edward L. Nolan. The dwelling will be erected on Serritos avenue west of Ocean avenue, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and hardwood with white enamel in the bed chambers. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with wire-cut brick veneer. Plans are complete and the work will be done by Day Labor under the direction of the architect. Materials are now being purchased.

Additional Bids On Bachelors' Quarters.

Bids for Plumbing, Heating, Electric Work and Oil Burning Equipment On New Quarters.

In addition to the list of figures published on September 10th for the construction of the bachelors' quarters at Fort Winfield Scott, the following list giving complete figures received for the plumbing, heating, lighting work and oil burning plant are published:

Plumbing Bachelors' Quarters.

H. S. Williams.....	\$2,502
T. A. Palmer.....	2,275
F. M. Garden Co.....	2,704
Thomas Elam & Son.....	2,900
John Monk.....	3,157
Burnham Plumbing Co.....	2,740
W. T. Scott.....	2,860
Robert Trost.....	3,150
Charles Wright.....	3,450
Universal Eng. Co.....	2,483
F. J. Klenck.....	3,041
Pringle-Dunn Co.....	2,600
F. J. Klimm.....	2,250
H. C. Warwick.....	2,639
E. W. Elliott.....	3,006
Leach & De Camp.....	2,152

Heating Bachelors' Quarters.

H. S. Williams.....	\$1,576
T. A. Palmer.....	1,423
F. M. Garden Co.....	1,366
Thomas Elam & Son.....	1,750
John Monk.....	1,776
Burnham Plumbing Co.....	1,665
W. T. Scott.....	1,840
Robert Trost.....	1,809
Charles Wright.....	2,816
R. W. Nelson.....	1,810
Universal Eng. Co.....	1,418
F. J. Klenck.....	1,810
Pringle, Dunn Co.....	1,500
H. C. Warwick.....	1,615
E. W. Elliott.....	1,700
Leach & De Camp.....	1,500

Lighting Bachelors' Quarters.

H. S. Williams.....	\$1,438
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T. A. Palmer.....	1,071
F. M. Garden Co.....	1,022
Thomas Elam & Son.....	1,175
John Monk.....	935
Globe Electric Co.....	1,308
Robert Trost.....	1,145
H. S. Tittle.....	1,353
Charles Wright.....	1,255
McFell Electric Co.....	1,450
Universal Eng. Co.....	1,150
Butte Eng. & Elec. Co.....	997
F. J. Klenck.....	985
H. C. Warwick.....	995
E. W. Elliott.....	1,000
Leach & De Camp.....	1,833
Pringle, Dunn Co.....	900

Oil Burning Equipment, Bachelors' Quarters.

H. S. Williams.....	\$629
T. A. Palmer.....	572
F. M. Garden Co.....	550
Thomas Elam & Son.....	625
S. T. Johnson Co.....	600
John Monk.....	629
American Heat & Power Co.....	456
Robert Trost.....	570
Charles Wright.....	660
Universal Eng. Co.....	730
F. J. Klenck.....	600
Pringle, Dunn Co.....	520
H. C. Warwick.....	525
J. E. Elliott.....	600
Leach & De Camp.....	600

Bachelors' Quarters Bids As Opened.

Frank M. Garden Co. Low With H. C. Warwick and Charles Wright Also Close. No Contract Awarded.

A number of bids were opened by the Constructing Quartermaster at Fort Mason for constructing the new Bachelors' Quarters at Fort Winfield Scott. The building will be a two-story brick structure. Bids were taken for the building complete with a slate roof and for the same work with a tile roof. Frank M. Garden Co. were low for the slate roof with Charles Wright and H. C. Warwick close seconds. Contract has not been awarded. Following is a complete list of the bids presented:

Bachelors' Quarters.

Bidder	Prop. A.	Prop. B.
United Eng. Co.....	\$26,370	\$32,437
W. W. Hayes.....	23,650	.....
H. C. Warwick.....	23,116	29,390
E. W. Elliott.....	24,317	30,747
Carnahan & Mulford.....	23,839	30,161
Heafey & Neilson.....	.....	31,033
Pringle-Dunn & Co.....	25,230	31,000
F. J. Klenck.....	27,075	33,796
J. Carling.....	24,950	.....
Richard Sinnott.....	25,649	.....
Leach & De Camp.....	24,000	33,055
Robert Trost.....	24,132	31,459
Howard S. Williams.....	23,436	29,583
P. A. Palmer.....	23,722	28,998
L. G. Bergen & Son.....	21,994	.....
Frank M. Garden Co.....	21,178	27,225
Thomas Elam & Son.....	23,048	29,855
Charles Wright.....	21,300	32,600
John Monk.....	30,308	36,505
Foster-Vogt Co.....	.....	29,897
M. Fisher.....	.....	29,257

OAKLAND AND ALAMEDA COUNTY.

BRIDGE REPAIRS—Pile and steel construction, \$30,000. Oakland, Cal. Engineer, County Surveyor P. A. Haviland, Oakland. Owners, Alameda

County. County Surveyor P. A. Haviland has been instructed to prepare plans for repairs to three bridges which span the Oakland Estuary, connecting Oakland and Alameda. The work is estimated to cost \$30,000. Bids will be called for as soon as plans and specifications can be completed.

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOW—1 story and base, frame, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, I. Wolf, 131 Coe avenue, San Jose. The dwelling will be erected on Hathorn Way, and has been designed for a six-room house. Interior will be finished in pine and redwood with hardwood floors in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

PIPE LINE—Cost not stated. Coal- inga to Martinez. Engineer's name not given. Owners, The Valley Pipe Line Co. The pipe line from Coal- inga oil fields to Martinez will be built by the Valley Pipe Line Co., a Dutch-Shell subsidiary. The company has applied to the Railroad Commission to issue \$5,318,400 in common stock.

BRIDGE—Steel and concrete. Cost not stated. Rio Vista, Solano Co., Cal. Engineer's name not given. Owners, Solano and Sacramento Counties. Plans and specifications for the proposed bridge over Chipps Island at Rio Vista have been received at Washington, D. C. It is stated that the plans will be changed only in as much as the draw will be moved over nearer the Rio Vista side. Final action will be taken shortly by the Washington authorities.

ROUNDHOUSE AND TRACK WORK—Reinforced concrete. Cost not stated. Sausalito, Marin Co., Cal. Engineer, Engineering Department Northwestern Pacific, Phelan Bldg., S. F. Owners, Northwestern Pacific Railroad Co. Plans are being prepared for filling by dredger the big mud flats in Sausalito adjoining Mason Malt Distillery and constructing thereon a large reinforced concrete roundhouse. Additional switch yards and other track- age will also be constructed. The roundhouse will be of fireproof construction. Exterior will be faced with cement plaster. Plans are now being prepared.

WATER SYSTEM—Cost not stated. San Rafael, Marin Co., Cal. Engineer's name not given. Owners, Marin Water and Power Co., San Rafael. A. W. Foster, of the Marin Water and Power Co., has gone on record as wishing to build the proposed dam at Tamalpais, which is to furnish practically all of Marin County with a water supply. Considerable opposition to the Tamalpais dam site exists among members of the "New Water District Association," who favor what is known as the Alpine site on Lagunitas Creek. If

Mr. Foster's proposition is accepted by the district, provision is made whereby the district may, at any future time, take over the Tamalpais dam on payment of its actual cost of construction.

STREET PAVING—Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Plans and specifications have been completed and figures will be opened on September 17th for paving Georgia street. The work will require a four-inch concrete base with a two-inch bituminous top, concrete curbs and six-inch concrete gutters. Plans and specifications can be secured from the City Engineer.

BRIDGES—Steel construction. Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Plans prepared by the County Surveyor for three road bridges to be erected along the line of the new State Highway in Contra Costa County have been completed and the county will advertise for bids within a few days. All three bridges are to be of steel construction.

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL HEATING AND VENTILATING—Cost not stated. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School District. Bids will be opened on September 21st for furnishing and installing a heating and ventilating system in the Emerson school. Plans and specifications can be secured from the architect.

SCHOOL TOILETS AND PLUMBING—Cost not stated. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Bakersfield School district. Plans for constructing toilets and furnishing and installing plumbing equipment in same have been completed. The buildings in which plumbing is to be installed are as follows: Emerson, Bryant, Hawthorne, Lincoln, Washington and Tenth Street schools. Bids are now being taken and will be opened by the Board of Education on September 21st. Plans and specifications can be secured from the architect.

RESIDENCE—2 story and base, frame, \$12,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, O. J. Woodward. The dwelling will be erected on Mariposa street and has been designed to contain ten rooms, three baths and sleeping porch. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—1 story, frame. Cost not stated. Fowler, Fresno Co., Cal. Architect, C. K. Kirby, Jr., Fresno. Owners, Magnolia School District. The building has been designed for a district school and will be erected about two miles east of Fowler. There will be two class rooms. Interior will be finished in pine throughout. Stoves

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will be used for heating. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and out for figures. Bids will be opened on September 19th.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

JAIL CELLS—Steel construction. Cost not stated. Alturas, Modoc Co., Cal. Architect, De Longchamps, Reno, Nev. Owners, Modoc County. The Board of Supervisors at Alturas will open bids on September 21st for furnishing and installing five steel cells in the new county jail building. Bids will also be considered for removing two old steel cells and placing them in the new building. Plans and specifications can be secured from the County Clerk.

POST OFFICE—1 and 2 story, semi-fireproof construction, \$75,000. Willows, Glenn Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. R. A. McNally, representing Congressman Kent, is the authority for the statement that bids will be called for within the next three weeks for constructing the new post office at Willows. An appropriation of \$75,000 is available for this work.

APARTMENT HOUSE—2 story and base, frame, \$5,000. Sacramento, Cal. Architect, none. Owner, William R. Saunders, 2819 I street, Sacramento. The building will be erected on J street, and has been designed to contain four apartments of four rooms and bath. Interior finish will be of

pine and redwood. There will be wall beds and a hot water supply. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BRIDGE—Reinforced concrete, \$135,000. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. Nine sets of figures were opened by the Board of Supervisors for the construction of the D street bridge over the Yuba River. The lowest figure was received from the Clinton Fireproofing Co. of San Francisco at \$134,000. All bids were taken under advisement. A complete list of the bids opened will be found under the heading of Sacramento, Stockton and Northern California in this issue.

BRIDGE—Reinforced concrete, \$5,000. Mahle, Yuba Co., Cal. Engineer, County Engineer, Marysville. Owners, Yuba County. Jenkins & Holmes of Chico presented the lowest figure at \$4,770 for constructing the new bridge over the Honcut Creek near Mahle Crossing. Three bids in all were received. No contract has been awarded. A complete list of the bids will be found under the heading of Sacramento, Stockton and Northern California in this issue.

CANNERY—1 story, frame and galvanized iron, \$10,000. Chico, Butte Co., Cal. Architect, W. E. Coffman, Chico. Owners represented by O. E. Tracy, Main street, Chico. Complete working drawings for a large building designed for a modern cannery have been completed. The project is to be financed by a stock company promoted by O. E. Tracy, who is now endeavoring to raise \$25,000. Further mention will be made of the work shortly.

BRIDGES AND CULVERTS—Reinforced concrete. Cost not stated. Colusa, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. Plans have been completed for a number of reinforced concrete culverts and reinforced concrete bridges to be erected in Colusa County. Several of the bridges and culverts may be combined in one bid, but unit prices for each must be stated. There will be three bridges and in the neighborhood of seven culverts. Complete information relative to this work can be secured from the County Clerk at Colusa. Bids will be opened on September 23rd.

STATE HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids will be opened on October 5th for highway work in the following counties: Humboldt County, grade, 3.7 miles Humboldt County, grade, 4.3 miles; Alameda County, Portland concrete cement, 5.9 miles; San Luis Obispo County, grade, 3.6 miles; Santa Barbara County, Portland cement concrete, 7 miles; Imperial County, Portland cement concrete, 6 miles. At 3:30 p. m. San Luis Obispo County, Portland cement concrete, 16 miles; Sacramento County, Portland cement concrete, 6.8 miles; Solano County, Portland cement concrete, 8.2 miles, and Santa Barbara County, Portland cement concrete, 3.6 miles.

PERMANENT LEVEE IMPROVEMENTS—Cost not stated. Washington Reclamation District, Yolo and Sacramento Counties, Cal. Engineer's name not given. Owners, Washington Reclamation District. Homer Lee, one of the Trustees of the Washington Reclamation District, located in Yolo and Sacramento Counties, states that plans for permanent levee improvements in the Washington District have been submitted to the State Reclamation Board for approval. Two different schemes are provided. Full particulars can be secured by addressing the State Reclamation Board, Nicolaus Bldg., Sacramento.

BUNGALOW—1 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, H. Goldman, 924 6th street, Sacramento. The dwelling has been designed for a six-room house with bath, and will be erected at the corner of West and 33rd avenue. Interior finish will be of pine and redwood with some hardwood floors. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Bids Opened For Marysville Bridge.

Big Concrete Structure Attracts Nine Bidders. Clinton Fireproofing Co. Low Men on Job.

Nine sets of figures were received by the Yuba County Board of Supervisors for constructing the D street bridge over the Yuba River at Marysville. The structure will be of the reinforced concrete type costing in the neighborhood of \$135,000. The Clinton Fireproofing Co. of San Francisco were low at \$134,000. All bids have been taken under advisement. Following is a complete list of the bids:

D Street Bridge, Marysville.

Leach & De Camp, S. F.	\$211,700
Shattuck-Edinger Co., S. F.	187,500
Ross Constr. Co., Sacramento.	166,720
Van Sant-Houghton Co., S. F.	163,000
F. Rolandi, S. F.	155,000
Mathews Con. Co., Sacramento.	149,500
I. C. Evans, Marysville.	148,680
F. A. Koeltz, S. F.	138,895
Clinton Fireproofing Co., S. F.	134,000

Bids were also opened at the same meeting for construction of a smaller reinforced concrete bridge over the Honcut Creek near Mahle Crossing, between Yuba and Butte Counties. These figures were also taken under advisement. Figures ran as follows:

Honcut Bridge.

F. D. Groh & Son, Marysville.	\$7,500
Chico Constr. Co., Chico.	4,770
Jenkins & Holmes, Chico.	3,873

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, cement plaster, \$25,000. Los Angeles, Cal. Architect, Joseph J. Blick, Dodworth Bldg., Pasadena. Owner, Paul Harwood, Mexican Petroleum Co., L. A. The dwelling will be erected in Wind-

sor Square and has been designed in the Spanish style. The dwelling will contain in the neighborhood of fourteen rooms, several baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the chambers. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are now being prepared.

SCHOOL—2 story and base, hollow tile, \$43,000. Holtville, Imperial Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville School District. The building will cover an area of 61 by 152 feet, and has been designed to contain twelve class rooms, an assembly hall and principal's office. Interior will be finished in pine with some maple floors. There will be a central heating system and modern school plumbing. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on September 24th. Plans and specifications can be secured from the architects.

SCHOOL GROUP—1 and 2 story, Class C construction, \$90,000. Alhambra, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Alhambra High School District. The buildings will consist of the Mechanics, Physical, Education and Science Buildings, and will be erected on the site of the present building. Separate bids will be received on the general contract, plumbing, electric wiring, painting, heating and ventilating and program clocks. The buildings will be of the Class C type with concrete foundations, blue brick exterior facing, composition roofing, frame interior construction, pine trim, maple floors, toilets, lavatories, shower baths, lockers, etc. Plans are complete and figures are being taken. Bids will be opened on September 29th. Plans and specifications can be secured from the architect.

SANITARY SEWER SYSTEM—Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Engineer, City Engineer, George P. Robinson, Santa Barbara. Owners, City of Santa Barbara. City Engineer George P. Robinson of Santa Barbara is preparing the preliminary plans for a new and adequate sewer system for Santa Barbara. The present system, with its outfall into the ocean, was not built to meet the rapid growth of the city, and a new and much more complete system is an absolute necessity.

EMPLOYEES' QUARTERS AND STABLES—Frame and plaster, \$50,000. Beverly Hills, Los Angeles Co., Cal. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owner, J. M. Danziger. The buildings will be part one and part two story structures with exteriors covered with cement plaster on metal lath. Clay tile roofs will be used. Besides the quarters there will be buildings for the blooded stock, cow barns and kennels. Interiors will be finished in pine throughout. In the employees' quarters several baths will be installed. Plans are now being prepared.

SCHOOL—1 story and base, hollow tile, \$10,000. Hawthorne, Los Angeles Co., Cal. Architect, W. C. Pennell. Baker-Detwiler Bldg., L. A. Owners, Hawthorne School District. The building will contain four class rooms and a large auditorium designed to seat 500 people. Interior will be finished in pine with hardwood floors in the class rooms. There will be a central heating system. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and bids will be called as soon as bonds can be voted.

SEATTLE AND WASHINGTON.

SUBPOST OFFICE—2 story and base, mill construction, \$30,000. Seattle, Wash. Architects, Webster & Ford, Lyon Bldg., Seattle. Owners, Great Northern Railroad Co. A new building will be erected by the railroad company and leased to the Government. The new building will be built on the site of the present subpost office adjoining the Great Northern Co.'s main passenger depot in Seattle. Construction will be of the slow burning type. The building will cover an area of 80 by 130 feet. Exterior will be faced with pressed brick. Plans are complete and in the hands of the railroad company who are now taking figures on the work.

LODGE HALL—4 story and base, reinforced concrete, \$100,000. Tacoma, Wash. Architect, E. F. Champney, Hay Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will cover a large ground area and has been designed for a fireproof structure. There will be stores on the first floor. Upper floors will be arranged for lodge rooms, offices and living rooms for the members. Interior will be handsomely finished in pine and hardwoods. A maple floor will be used in the ball room. Plans provide for steam heat, hot water system, vacuum cleaning and elevator service. Marble and tile will be used extensively. Exterior of the building will be faced with terra cotta. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE ALTERATION—Frame construction, \$8,000. San Francisco. Architects, O'Brien Bros., 'Unie Bldg., S. F. Owner's name not given. Contractors, Robert Dewar & Son, 180 Jessie street, S. F. Contract price, \$8,000.

FLATS AND STORE—3 story and base, frame, \$6,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, C. A. Spillane. Contractors, Hansen & Borman, S. F. Contract price, \$6,000.

ROAD CONSTRUCTION—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County.

The San Mateo County Board of Supervisors awarded road contracts in San Mateo County as follows: Woodruff Creek to San Gregorio, grading, 194.50, and Halfmoon Bay to Tunitas, grading and macadamizing, awarded to James Willison for \$54,131.

STORE AND OFFICE—2 story and base, Class C construction, \$6,000. Pasadena, Los Angeles Co., Cal. Architects, Buchanan & Brockway, Pasadena. Owners, O. L. and F. E. Brad-

dock. Contractor, G. C. Williams, Pasadena. Contract price, \$6,000.

HOTEL—4 story and base, Class C construction, \$65,000. Los Angeles, Cal. Architect, none. Owner, Francisco A. Jerum. Contractor, E. T. Flaherty, Kniekerbocker Bldg., L. A. Contract price, \$65,000.

SCHOOL—1 story and base, frame and plaster, \$22,716. Pasadena, Los Angeles Co., Cal. Architects, Marston & Van Belt, Chamber of Commerce Bldg., Pasadena. Owners, Altadena School District. Contractors, Wopsehall Bros., 100 East Colorado street, Pasadena. Contract price, \$22,716.

WHAT AND WHERE CHILE BUYS.

The longest way round is not the shortest way home when it comes to transporting merchandise. To get there quickest with the best goods, other things being equal, means commercial success, and that's what the Panama Canal will enable the manufacturing and other commercial interests of the United States to do along the 5,000 miles of Pacific coast line of South America. Of that coast line nearly 3,000 miles are taken up by the Republic of Chile. Wherefore Chile is in the commercial limelight just now, and bids far to remain there for a good many years to come, for her importance in the business world is steadily increasing and her future prospects are remarkably bright.

Complete details of Chile's foreign trade for 1913 are not available, but from some advance figures just received by the **Pan American Union**, Washington, D. C., some interesting facts may be gleaned which should claim the attention of those interests in the United States seeking to enter the Latin American field. In the first place, Chile's foreign trade in 1913 exceeded all previous records notwithstanding a general and almost worldwide financial depression. The total amounted to \$265,000,000, of which the imports were valued at \$120,000,000 and the exports at nearly \$145,000,000.

In this connection it is interesting to note that the United States has made very perceptible gains on her two chief rivals, the United Kingdom and Germany, in the total Chilean trade since 1909. Of Chilean imports in 1913 the United States supplied nearly 17 per cent against only 10 per cent in 1909; the United Kingdom 30 per cent against 33 per cent in 1909; and Germany just held her own with 24 per cent. The United States gained 7 per cent in five years without the Panama Canal. How much should the gain be during the next five years with the Canal open for business?

Now what does Chile buy? According to values the five leading classifications for 1913 were: Textiles (including cotton, wool, other fibres, and silk), over \$23,000,000 worth; mineral products (including iron and steel manufactures, carths and stones, precious metals and jewelry), \$22,275,000; coal, oils, etc., nearly \$20,000,000; machinery, \$15,000,000; vegetable products (including food products, fruits and grains, woods and manufactures, etc.), nearly \$14,000,000; and animal products, nearly \$8,000,000.

Under the above classification, in the line of textiles the United States made a very poor showing. The United Kingdom sold the Chileans over \$11,768,000 worth; Germany, nearly \$6,882,000; France, \$2,500,000; Belgium, over \$1,000,000, and the United States only \$311,000 worth. With the European war engrossing the attention of the four countries enumerated, and with the Panama Canal doing business, surely the manufacturers of cotton and wool textiles in the United States will get busy and make a better showing henceforth.

Under the mineral products are found such manufactures of steel and iron as wire, granite cooking utensils, pipes, tubing, and connections, nails, railway spikes, fishplates, steel rails, car wheels, structural steel, etc., and of the total Germany sold \$8,120,000 worth; the United Kingdom, \$6,148,000 worth; United States, \$4,428,000; Belgium, \$2,500,000.

Under coal, oils, etc., the details of the 1913 imports are not yet available, but we find that the United Kingdom sold Chile over \$7,569,000 worth, while the United States came second with about \$6,000,000 worth. In 1912 the United Kingdom sold the Chileans \$7,116,000 worth of coal alone, Australia sold nearly \$3,000,000 worth, and the United States but \$500,000. Under machinery (which included railway cars, automobiles, hardware, etc.), Germany sold nearly \$5,500,000 worth, the United Kingdom over \$4,510,000, and the United States, \$3,334,000. From all of which it may be inferred that it is time for the manufacturers of the United States to get in the game in earnest.

USE AND CONSERVATION.

Get this doctrine of Secretary Franklin K. Lane's:

"Use! Use! Use! That's the word I emphasize—use! We have too much land that is not used, and too much water, and too many people who think they belong by divine right to the class Kipling describes as 'the sons of Mary.' The world and the things therein belong to the people who use them, not to the people who want to speculate with them or to monopolize them, and to allow their own personal fortunes to be the one test as to how and when they shall be used."

That was one of the fine things Secretary Lane said, as reported finely by Mr. Samuel G. Blythe in the Saturday Evening Post.

Evidently a utilitarian, this Secretary of the Interior. And as is the case with true utilitarians, a man of vision, of foresight, of idealism.

"The earth belongs in usufruct to the living," said an earlier utilitarian idealist—named Thomas Jefferson. "The rights of the user are paramount to the rights of the owner," said another—a judge of the Kansas Supreme Court, named Frank Foster. His "owner" in that case was the monopolist, the franchise owner, controlling natural resources that the people needed to use.

"The world and the things therein belong to the people who use them, not to the people who want to speculate with them or to monopolize them." That is of the essence of conservation. It is of the essence of political and economic freedom.—Kansas City Star.

Building Contracts Awarded

SAN FRANCISCO.

No.	Owner	Contractor	Amt
3050	Nelson	Nelson	2500
3051	Nelson	Nelson	2500
3052	Nelson	Nelson	2500
3053	Paton	Paton	1000
3054	Hartz	Hartz	1000
3055	Mohr	Mohr	400
3056	Costagato	Costagato	800
3057	Martinka	Martinka	500
3058	Thompson	Fletcher	500
3059	Strassburger	Wilkie	800
3060	Barkoff	Goldman	500
3061	Gee Soon	Eligh	400
3062	Ewing	Newton	550
3063	Martin	Martin	1400
3064	Austin	Austin	1900
3065	Dunn	Dunn	1900
3066	Kroeder	Munster	1000
3067	Berkeley	Brunswick	400
3068	Louis	Louis	400
3069	Miller	Miller	1875
3070	Palmer	Palmer	4000
3071	Yates	Yates	3750
3072	Prentice	Born	5715
3073	Waymark	Leonard	1575
3074	Carlson	Nelson	3750
3075	Pfeiffer	Johnson	10068
3076	Moss	Bay City Bldg	2500
3077	Indiana	Poster	3635
3078	Nelson	Nelson	2500
3079	O'Rogers	Behm	400
3080	Scoble	Scoble	5000
3081	Johnson	Johnson	1000
3082	Rudgear	Doernbecher	400
3083	Collins	Collins	2000
3084	Schneider	McMullin	850
3085	Murphy	Murphy	600
3086	Zurcher	Zurcher	450
3087	Moren	Moren	400
3088	Tyler	Tyler	4500
3089	Jenkins	Holm	6955
3090	Pacific G & E Co.	Bosch	1450
3091	Sommers	Rice	4000
3092	Perpoll	Martin	2250
3093	Owl Drug	Duval	5000
3094	Schroeder	Etherton	4100
3095	Mattison	Mattison	1200
3096	O'Connor	Brown	2200
3097	Prusa	Angelesco	1700
3098	McDuffie	Westgate Pk	8000
3099	Kezar	Jackson	1500
3100	Goldsmit	Pegel	5000
3101	Gray	Leigh	3000
3102	Schulte	Stevenson	1750
3103	Pacific G & E	Cahill	2080
3104	Arrilaga	Filippis	5775
3105	Soillane	Hansen	8000
3106	Hogrefe	Hogrefe	8000
3107	Same	Same	8000
3108	Snell	Snell	500
3109	Rednall	Rednall	400
3110	Ohland	Mitchell	650
3111	Elliot	Elliot	2750
3112	Nelson	Nelson	2500
3113	Hooper	Hooper	3250
3114	Hamilton	Hamilton	2000
3115	Urban Realty	Owner	6000
3116	Schilling	Schilling	700
3117	Crossa	Crossa	400
3118	Donovan	Donovan	2500
3119	Harvey	Conrad	5400
3120	Gilmonr	Kiernan	1750

FRAME RESIDENCE

(3050) N PARNASSUS 31 W Hill Point Ave. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, S. F.
Architect...None
Day's work. COST, \$2500

FRAME RESIDENCE

(3051) N PARNASSUS 57 W Hill Point Ave. Two-story and basement frame dwelling.
Owner.....F. Nelson, 30 Presidio Terrace, S. F.
Architect...None
Day's work. COST, \$2500

FRAME RESIDENCE

(3052) N PARNASSUS 61 W Hill Point

Ave. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, S. F.

Architect...None
Day's work. COST, \$2500

RESIDENCE

(3053) W GILROY 63 N Jamestown.

One-story and basement frame dwlg.

Owner.....Helene A. Paton.

Architect...None.

Day's work. COST, \$1000

RESIDENCE

(3054) E TWENTIETH AVE 200 N

Anza. One-story and basement

frame dwelling.

Owner.....Louis C. Hartz, 519 Turk,

San Francisco.

Architect...None.

Day's work. COST, \$1000

ALTER STORE

(3055) NO. 2955 MISSION. Alter in-

terior of store.

Owner.....Henry Mohr, Premises.

Architect...None.

Day's work. COST, \$400

RESIDENCE

(3056) NO. 1342 STAFFER (rear).

One-story and basement frame dwlg.

Owner.....Frank Costagato, 1342

Shafter Ave., S. F.

Architect...None.

Day's work. COST, \$800

RESIDENCE

(3057) E ROUSSEAU 175 S Bosworth.

One-story and basement frame dwlg

Owner.....Max Martinka, 78 Chesley,

San Francisco.

Architect...None.

Day's work. COST, \$500

REPAIRS

(3058) NO. 2774 UNION. Terrazza

steps and repairs.

Owner.....N. Thompson, Premises.

Architect...None.

Contractor..J. P. Fletcher, 231 Lick

Bldg., San Francisco.

COST, \$500

REPAIR FIRE DAMAGE

(3059) SE EDDY AND TAYLOR. Re-

pair fire damage.

Owner.....I. Strassburger, 411 Mont-

gomery, San Francisco.

Architect...None.

Contractor..Andrew Wilkie Co., Clunie

Bldg., San Francisco.

COST, \$800

ALTERATIONS AND REPAIRS

(3060) NO. 1216 SCOTT. Alter and re-

pair.

Owner.....J. Barkoff, Premises.

Architect...None.

Contractor..Joe Goldman, 603 Chroni-

cle Bldg., San Francisco.

COST, \$500

ALTER INTERIOR OF STORE

(3061) NO. 1045 STOCKTON. Alter

interior of store.

Owner.....Gee Soon Eck, Premises.

Architect...None.

Contractor...S. Eligh, 470 Octavia, S. F.

COST, \$400

ALTER INTO FLAT

(3062) NO. 1307 SIXTH AVE. Alter

basement into flat.

Owner.....Mrs. Ewing Premises.

Architect...None.

Contractor..John Newton, 165 Frank-

lin, San Francisco.

COST, \$550

RESIDENCE

(3063) SE BRODERICK & FILLMORE.

Raise roof and finish attic of dwlg.

Owner.....Mr. Martin, Premises.

Architect...Edw. T. Foulkes, 1118

Crocker Bldg., S. F.

Day's work. COST, \$1400

RESIDENCE

(3064) S FLOOD 150 W Edna. One

and one-half-story and basement

frame dwelling.

Owner.....H. W. Austin, 988 Hayes,

San Francisco.

Architect...None.

Day's work. COST, \$1900

RESIDENCE

(3065) S ANZA 54 E 24th Ave. One-

story and basement frame dwelling.

Owner.....Ernest E. & Mystic Dunn,

2633 Anza, S. F.

Architect...None.

Contractor..Ernest E. Dunn, 2633 Anza

S. F.

COST, \$1900

ALTER AND REPAIR COTTAGE

(3066) S CORBETT ROAD 253 E Dan-

vers. Move, alter and repair cottage

Owner.....Arthur Kroeder, 44 Eureka

San Francisco.

Architect...None.

Contractor..Munster & Bornholdt, 1530

Broderick, San Francisco.

COST, \$1000

HOTEL

(3067) NO. 340 SUTTER. Construct

mezzanine floor.

Owner.....Berkeley Hotel, Premises.

Architect...None.

Contractor..Brunswick-Balke-Collen-

der Co., 767 Mission, S. F.

COST, \$400

ALTER DWELLING

(3068) NO. 113 VALLEY. Addition &

alteration to dwelling.

Owner.....Emil Louis, Premises.

Architect...None.

Day's work. COST, \$400

RESIDENCE

(3069) N MAYNARD 177 E Graut.

One-story and basement frame dwlg.

Owner.....Wm. Miller, 49 Park, S. F.

Architect...None.

Day's work. COST, \$1875

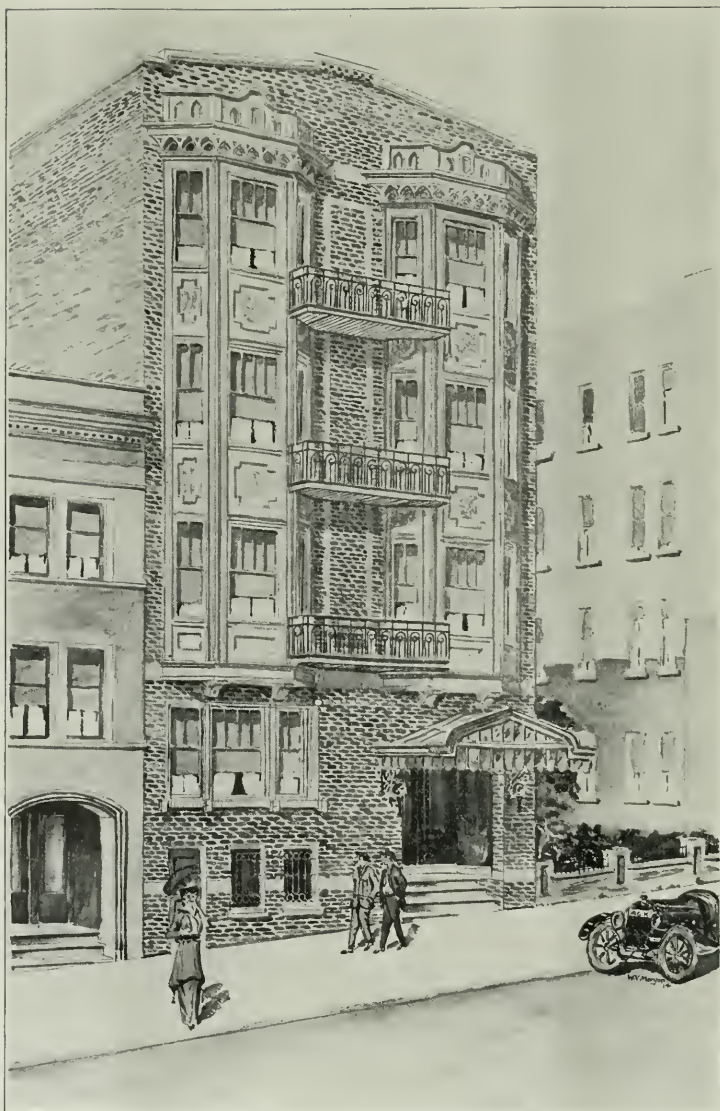
FRAME RESIDENCE

(3070) E TWENTY-SEVENTH AVE

100 — California. Two-story and

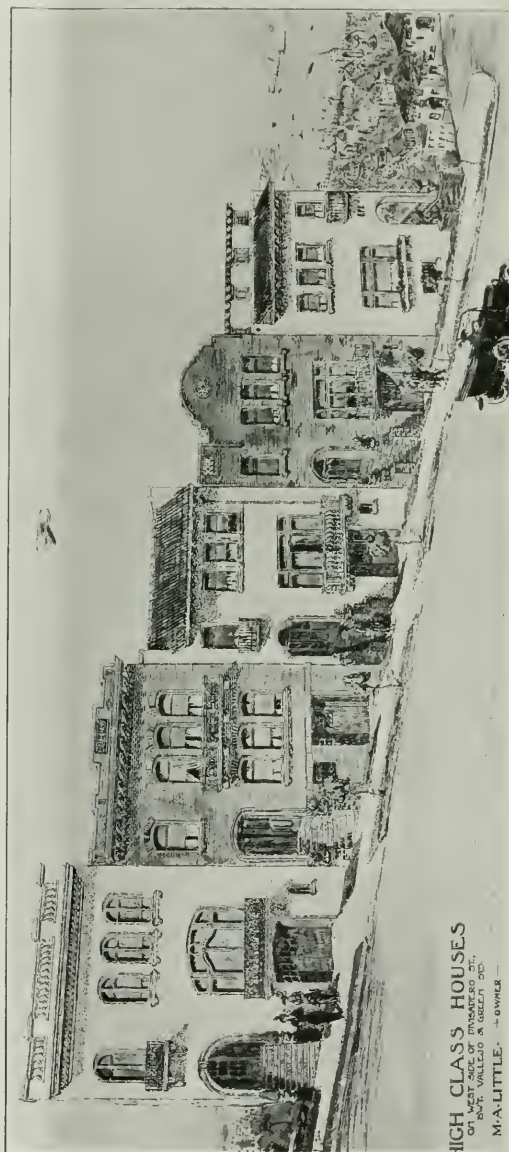
basement frame dwelling.





NEW SAN FRANCISCO APARTMENT HOUSE
San Francisco

Charles J. Rousseau, Architect
San Francisco



A GROUP OF MODERN HOMES BUILT BY MATHEW A. LITTLE
San Francisco

Charles J. Rousseau, Architect
San Francisco

Owner.....Mrs. T. E. Palmer, 1536 Larkin, San Francisco.
Architect...None.
Contractor...T. E. Palmer, 1536 Larkin, San Francisco.

COST, \$1090

FRAME RESIDENCE

(3071) E SIXTEENTH AVE 202-3 N Clement. Two-story and basement frame dwelling.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.
Contractor...Wm. P. Yates, 335 21st Ave., San Francisco.

COST, \$3750

FRAME RESIDENCE

(3072) E THIRTY-SECOND AVE 540 N California N 30xE 107-6. All work for two-story, basement and attic frame residence.

Owner.....Florence L. Prentice, 214 32nd Ave., S. F.

Architect...Edw. G. Bolles, 660 Market San Francisco.

Contractor...S. A. Born Bldg. Co., 660 Market.

Filed Sept. 8, '14. Dated Aug. 24, '14.

Sheathing on.....\$1075

White coated.....1070

Standing finish on.....1070

Accepted.....1070

Usual 35 days.....1430

TOTAL COST, \$5715

Bond, \$4290. Sureties, S. A. Born and W. S. Oliver. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

FRAME COTTAGE

(3073) E THIRTY-SECOND AVE 266 N Clement. All work for one-story and basement frame cottage.

Owner.....Thos. Waymark, 1247 45th Ave., San Francisco.

Designer...Peter M. Leonard.

Contractor...Peter M. Leonard, 1245 45th Ave., San Francisco.

Filed Sept. 8, '14. Dated Sept. 5, '14.

Foundation completed.....\$200.00

Frame up and rafters set.....325.00

Rough plumbing in and ready for lathing.....325.00

Completed.....331.25

Usual 35 days.....393.75

TOTAL COST, \$1575.00

Bond, \$800. Sureties, Mary E. McHugh and J. P. Leonard. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

FRAME RESIDENCE

(3074) E TWENTY-SIXTH AVE 125 N Ulloa N 50xE 120. All work for one-story frame residence.

Owner.....O. and Rose Carlson, 800 Cortland Ave., S. F.

Architect...Alfred L. Coffey, Humboldt Bank Bldg., S. F.

Contractor...Emil Nelson, 550 Jersey, San Francisco.

Filed Sept. 8, '14. Dated Sept. 2, '14.

Rough frame up.....\$ 900.00

Brown coated.....900.00

Completed and accepted.....1012.50

Usual 35 days.....937.50

TOTAL COST, \$3750

Bond, \$1875. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days. Forfeit, \$250. Plans and specifications filed.

FRAME TENEMENTS

(3075) S TWENTIETH 100 W Dolores W 30 S 114 E 25 N 35 E 5 N 76. Concrete, brick chimneys, carpentry, mill, plumbing, glazing, plaster, tin-

ning, roofing, etc., for three-story and basement frame tenements.

Owner.....Louis A. Pfeiffer, 102 Stuart, San Francisco.

Architect...None.

Contractor...J. Harold Johnson, 740 9th, San Francisco.

Filed Sept. 8, '14. Dated Sept. 1, '14.

Frame up and roof boards on.....\$2500

Roof on, rough plumbing in and brown coated.....2500

Completed and accepted.....2500

Usual 35 days.....2568

TOTAL COST, \$10,068

Bond, \$5034. Surety, The Aetna Accident & Liability Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

NOTE:—1st report Aug. 22, No. 2905.

ALTER FRAME COTTAGE

(3076) E SANCHEZ 181-6 S 22nd S 22-6xE 100. Alterations and additions to frame cottage into two-story frame residence.

Owner.....Jos. F. Moss, 935 Sanchez, San Francisco.

Architect...Rhodes & Marisch, 3372 16th, San Francisco.

Contractor...Bay City Building Co., 443 Monadnock Bldg., S. F.

Filed Sept. 8, '14. Dated Sept. 8, '14.

Raised and roof on.....\$625

Brown coated.....625

Completed.....625

Usual 35 days.....625

TOTAL COST, \$2500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report July 27, No. 2554.

FRAME BUILDING

(3077) EXPOSITION SITE. Staff, tile, plastering, tile floor and wainscoting etc., for two-story frame building.

Owner.....Panama-Pacific Exposition Commission of State of Indiana.

Architect...J. T. Johnson & Co.

Contractor...Foster-Vogt Co., Sharon Bldg., San Francisco.

Filed Sept. 8, '14. Dated Aug. 6, '14.

On 1st of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$3635

Bond, none. Limit, none. Forfeit, \$100

Specifications and plans, none.

FRAME DWELLING

(3078) E TENTH AVE 70 N Fulton. Two-story frame dwelling.

Owner.....Fernando Nelson, 30 Presidio Terrace, S. F.

Architect...None.

Day's work.....COST, \$2500

ALTERATIONS

(3079) SE HAIGHT AND MASONIC. Alter post office.

Owner.....Dr. Lee O'Rogers, 579 University Ave., Palo Alto.

Architect...None.

Contractor...J. Behm & Co., 139 Oak, San Francisco.

COST, \$400

FRAME DWELLING

(3080) E JORDAN AVE 300 S Euclid. Two-story frame dwelling.

Owner.....Thos. Scoble, 363 14th Ave. San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.....COST, \$5000

Owner.....Geo. L. Johnson, 103 Ney, San Francisco.

Architect...None.

Day's work.....COST, \$1000

ALTERATIONS

(3082) NOS. 912-916 HOWARD. Erect mezzanine floor in warehouse.

Owner.....Andrew Rudgear, Care Rudgear-Merle Co.

Architect...None.

Contractor...Doernbecher Mfg. Co., Premises.

COST, \$400

ALTERATIONS

(3083) NO. 1032 HYDE. Raise and alter store and flats.

Owner.....Mrs. L. A. Collins, Prem.

Architect...None.

Day's work.....COST, \$2000

ALTERATIONS

(3084) NO. 1106 GRANT AVE. Lay concrete floor and repair fish market.

Owner.....Schneider Bros. & Co., 1055 Grant Ave., San Francisco.

Architect...None.

Contractor...McMullin - von Voorhies Co., 1290 12th Ave., S. F.

COST, \$850

FRAME COTTAGE

(3085) W DE HARO 75 N 24th. One and one-half-story frame cottage.

Owner.....J. F. Murphy, 2125 24th, San Francisco.

Architect...None.

Day's work.....COST, \$600

ALTERATIONS

(3086) NO. 714 BOSWORTH. Build reinforced concrete foundations and basement walls.

Owner.....Frank Zurcher, Premises.

Architect...None.

Day's work.....COST, \$450

ALTERATIONS

(3087) NO. 125 FALCON AVE. Raise and underpin dwelling and build garage in basement.

Owner.....Anna C. Moren, Premises.

Architect...None.

Contractor...Geo. C. Moren, Premises.

COST, \$100

FRAME FLATS

(3088) S LAKE 87 W 16th Ave. Two-story frame (2) flats.

Owner.....P. D. Tyler, 1921 Oak, S. F.

Architect...None.

Day's work.....COST, \$4500

FRAME RESIDENCE

(3089) W LARKIN 62-6 N Lombard N 25xW 87-6. All work for two-story and basement frame residence.

Owner.....Harry Galo Jenkins.

Architect...Alexander A. Cantlin, 68 Post, San Francisco.

Contractor...M. Holm & Son, 68 Post, San Francisco.

Filed Sept. 10, '14. Dated Sept. 5, '14.

2nd floor joists in place.....\$1304.00

Ready for plastering.....1304.00

Standing finish in place.....1304.00

Completed and accepted.....1304.25

Usual 35 days.....1738.75

TOTAL COST, \$6955

Bond, \$3500. Sureties, Thos. E. Shumate and D. O. Druffel. Limit, 85 days. Forfeit, \$5. Plans and specifications filed.

ALTERATIONS

(3090) BLOCK BDED BY HUMBOLDT 23rd, Geogla and Louisiana P N 464.

Interior plastering for extension to Station "A."
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...Hermann Bosch, 4120 20th, San Francisco.

Filed Sept. 10, '14. Dated Sept. 5, '14.
On completion 75%
Usual 35 days..... 25%

TOTAL COST, \$1450

Bond, \$725. Surety, Massachusetts Bonding & Insurance Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

ELECTRIC SIGN
(3091) NO. 660 MARKET. Electric sign.
Owner.....Sommers & Heit, Premises.
Architect...None.
Contractor...Rice Electric Display Co., Dayton, Ohio.

COST, \$4000

FRAME FLATS
(3092) SE HARRISON AND 25TH. Two-story and basement frame flats.
Owner.....M. Perpoli, 2520 Bryant, San Francisco.
Architect...None.
Contractor...L. Martini, 407 Green, S. F.

COST, \$2250

ALTERATIONS
(3093) NO. 778 MARKET. Alter store, new toilet and add one room.
Owner.....The Owl Drug Co., 611 Mission, San Francisco.
Architect...Plans by Contractor.
Contractor...Oliver Duval & Son, 230 Dalziel Bldg., Oakland.

COST, \$5000

RESIDENCE
(3094) E FOURTH AVE 341-4 S Cabrillo. Two-story and basement frame residence.
Owner.....Lillie Schroeder, 68 Post, San Francisco.
Architect...Alexander A. Cantin, 65 Post, San Francisco.
Contractor...E. E. Etherton, 1054 Monadnock Bldg., S. F.

COST, \$4100

FRAME DWELLING
(3095) E LONDON 225 S France. One and one-half-story and basement frame dwelling.
Owner.....Nestor Mattson, 2368 15th, San Francisco.
Architect...None.
Day's work.

COST, \$1200

FRAME DWELLING
(3096) W SANCHEZ 75 S 30th. One and one-half-story and basement frame dwelling.
Owner.....Joseph O'Connor, 341 Pine, San Francisco.
Architect...None.
Contractor...Ward C. Brown, 2945 Harrison, San Francisco.

COST, \$2200

FRAME DWELLING
(3097) E QUESADA 125 N Quint. One and one-half-story and basement frame dwelling.
Owner.....John Prusa, 1879 15th Ave., San Francisco.
Architect...None.
Contractor...Augusto L. Angelesco, 2020 17th Ave., S. F.

COST, \$1700

FRAME DWELLING
(3098) W SAN BENITO 265 N St. Francis. Two-story and basement frame dwelling.
Owner.....Duncan McDuffie, 80 Post, San Francisco.

Architect...Henry H. Gutterson, 80 Post, San Francisco.
Contractor...Westgate Park Co., 80 Post, San Francisco.

COST, \$5000

GARAGE
(3099) NE CALIFORNIA & LAGUNA. One-story brick private garage.
Owner.....Mrs. N. H. Kezar, 2000 Laguna, San Francisco.
Architect...None.
Contractor...A. Jackson, 583 7th Ave., San Francisco.

COST, \$1500

FRAME DWELLING
(3100) W JORDAN AVE 100 N Geary. Two-story and basement frame dwlg.
Owner.....H. B. Goldsmith.
Architect...None.
Contractor...Frank Pegel, 366 10th Ave., San Francisco.

COST, \$5000

FRAME COTTAGE
(3101) N ANZA 120 E 13th Ave E 25x N 75. All work for five-room and basement frame cottage.
Owner.....John Gray, 2390 Clement, San Francisco.
Architect...None.
Contractor...Leigh & Schultz, 419 21st Ave., San Francisco.

Filed Sept. 11, '14. Dated Sept. 11, '14.
Roof on\$750
Brown coated 750
Completed and accepted..... 750
Usual 35 days..... 750

TOTAL COST, \$3000

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

FRAME COTTAGE
(3102) N FLOOD AVE — N 112-5 W 50 S 112-6 Lots 25 and 26 Blk 3, Sunnyside (N Flood Ave, bet Hamburg and Genessee). All work for one-story and basement frame cottage.
Owner.....G. and Ada Schulte, 3485 22nd, San Francisco.
Architect...Stevenson & Gowan.
Contractor...Stevenson & Gowan, 136 Girard, San Francisco.

Filed Sept. 11, '14. Dated Sept. 4, '14.
Frame up\$445
Brown coated 435
Completed 435
Usual 35 days..... 435

TOTAL COST, \$1750

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE—Specification give location as N Flood Ave. bet. Hamburg and Genessee.

STEEL & CONCRETE PUMP HOUSE.
(3103) E DELAWARE 154 S 22nd (Sierra) E 200 S 246 W 200 N 246. All work for one-story steel and concrete pump house at Potrero gas works.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor...J. R. Cahill, 460 Montgomery, San Francisco.

Filed Sept. 11, '14. Dated Sept. 10, '14.
Installments of 75%
Usual 35 days..... 25%

TOTAL COST, \$2080

Bond, \$1040. Surety, Globe Indemnity

Co. Limit, 65 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3104) S JACKSON 205 E Fillmore (Clusical College). All work except tinting, papering and painting on plaster walls inside for alterations and additions to building.
Owner.....S. Arrillaga, 2315 Jackson, San Francisco.

Designer...Albert H. Winters.
Contractor...V. Filippis, 1223 Kearny, San Francisco.

Filed Sept. 11, '14. Dated Aug. 31, '14.
Ready for roof.....\$1443.75
Ready for plaster..... 1443.75
Completed and accepted..... 1443.75
Usual 35 days..... 1443.75

TOTAL COST, \$5775.00

Bond, none. Limit, 75 days from granting permit. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(3105) N IRVING 25 E 12th Ave E 25x N 100. All work for three-story frame building.
Owner.....Margaret Spillane, 1302 18th Ave., S. F.
Architect...C. O. Clausen, Hearst Bldg, San Francisco.
Contractor...Hansen & Broman.

Filed Sept. 11, '14. Dated Sept. 10, '14.
Frame up 75%
Brown coated 75%
Completed and accepted..... 75%
Usual 35 days, balance..... 25%

TOTAL COST, Contractor to receive 10% of entire cost.

Bond, none. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

APARTMENTS
(3106) W HYDE 62-6 N Pine. Three-story and basement frame (6) apartments.
Owner.....Herman Hogrefe, 1011 Kearny, San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$8000

APARTMENTS
(3107) W HYDE 57-6 N Pine. Three-story and basement frame (6) apartments.
Owner.....Herman Hogrefe, 1011 Kearny, San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$8000

ADDITION
(3108) NO. 1881 EIGHTH AVE. Raise and add one-story to dwelling.
Owner.....Geo. E. Snell, Premises.
Architect...None.
Day's work.

COST, \$500

FRAME GARAGE
(3109) N ASHBURY 83.78 W Congress. One-story frame private garage.
Owner.....W. W. Rednall, 2500 Filbert, San Francisco.
Architect...None.
Day's work.

COST, \$400

REPAIR STORE
(3110) SW POTRERO AVE & 24TH. Repair store.
Owner.....N. Ohlandt, Care National Ice Company.
Architect...None.
Contractor...Thos. F. Mitchell, 1370 Utah, San Francisco.

COST, \$650

FRAME DWELLING
 3111 E FORTY-FIRST AVE 98x8 N
 Balboa. Two-story frame dwelling.
 Owner.....Ernest W. Elliot, 155 Alma,
 San Francisco.
 Architect...None.
 Day's work.....
 COST, \$2750

FRAME DWELLING
 3112 E ARGUELLO BOULEVARD
 180 S Carl. Two-story frame dwlg.
 Owner.....F. Nelson, 30 Presidio Ter-
 race, San Francisco.
 Architect...None.
 Day's work.....
 COST, \$2500

FRAME STORE AND FLAT
 3113 S CLEMENT 32-6 W 16th Ave.
 Two-story frame store and flat.
 Owner.....Annie E. Hooper, 766 5th
 Ave., San Francisco.
 Architect...None.
 Contractor...B. J. Hooper, 766 5th Ave.,
 San Francisco.
 COST, \$3250

FRAME DWELLING
 3114 E TWENTIETH AVE 50 S Anza
 Two-story frame dwelling.
 Owner.....Thos Hamill, 268 25th Ave.
 San Francisco.
 Architect...None.
 Day's work.....
 COST, \$3000

FRAME DWELLING
 3115 S CERRITOS AVE 50 W Ocean
 Ave. (Ingleside Terrace). Two-story
 frame brick veneer dwelling.
 Owner.....Urban Realty Improve-
 ment Co., 85 Cerritos Ave.,
 for Edw. L. Nolan.
 Architect...Jos. A. Leonard, 85 Cer-
 ritos Ave., S. F.
 Contractor...Urban Realty Imp. Co., 85
 Cerritos Ave., S. F.
 COST, \$7000

FRAME GARAGE
 3116 NO. 2209 JACKSON (rear). One
 story brick private garage.
 Owner.....E. H. and C. W. Schilling,
 Premises.
 Architect...None.
 Day's work.....
 COST, \$600

ALTERATIONS
 3117 NOS. 1325-1329 GRANT AVE.
 Alter entrance to store and erect
 stairs and platform.
 Owner.....Antonio Crosa, Premises.
 Architect...None.
 Day's work.....
 COST, \$400

FRAME DWELLING
 3118 W TWENTY-FIRST AVE 325
 S California. Two-story frame dwlg.
 Owner.....M. A. Donovan, 470 Sanchez
 San Francisco.
 Architect...None.
 Day's work.....
 COST, \$2240

FRAME FLATS
 3119 W SECOND AVE 260-117 S
 Cabrillo S 28xW120. All work except
 painting, plumbing, shades and
 chandeliers for two-story and base-
 ment frame (2) flats.
 Owner.....Elizabeth F. Harvey, 2611
 Folsom, San Francisco.
 Architect...J. A. Porporato, 619 Wash-
 ington, San Francisco.
 Contractor...Henry Conrad, 2854 Pine,
 San Francisco.
 Filed Sept. 12, '14. Dated Sept. 10, '14.
 Rough frame up.....\$1100
 Brown coated.....1200

Completed and accepted..... 1300
 Usual 35 days..... 1800
TOTAL COST, \$3100
 Bond, \$5400. Sureties, L. A. Henson and
 Chas. J. McDonnell. Limit, 90 days.
 Forfeit, \$2. Plans and specifications
 filed.

PLUMBING
 3120 SW GREENWICH & LARKIN
 S 46-1½xW 70. Plumbing for three-
 story and basement frame apart-
 ments, 12 apartments of 3 rooms each
 Owner.....William G. Gilmour, 180
 Jessie, San Francisco.
 Architect...Rousseau & Rousseau, Mo-
 nadnock Bldg., S. F.
 Contractor...Kiernan & O'Brien, 1754
 Mission, San Francisco.
 Filed Sept. 12, '14. Dated Sept. 3, '14.
 Roughed in.....\$875.00
 Completed and accepted..... 437.50
 Usual 35 days..... 437.50
TOTAL COST, \$1750.00
 Bond, none. Limit, as soon as possible.
 Forfeit, plans and specifications, none.

Oakland.

No.	Owner	Contractor	Am't
2232	Henshaw	Davis	500
2233	Melrose Lbr	Owner	2500
2234	Jensen	Jensen	1500
2235	Benson	Benson	2000
2236	Settles	Smith	2200
2237	Lynch	Lynch	1500
2238	Plota	Plota	500
2239	Pugundus	Valadon	2650
2240	Whittaker	Whittaker	1500
2241	Williams	Williams	500
2242	Thomas	Dean	500
2243	McArthur	McArthur	2000
2244	Same	Same	2000
2245	Camponenosi	Owner	2400
2246	Hart	Whalin	2250
2247	Strang	Strang	2000
2248	Tabor	Chambers	2000
2253	Erp	Welder	3182
2254	1st Hebr Cong.	English	1400
2255	Valpreda	Geary	2075
2256	Gatgens	Motts	1500
2257	Gondolf	Camponenosi	500
2258	Chanquet	Hambleton	400
2259	Chester	Swalley	1437
2260	Wilkinson	Wilkinson	500
2262	Smiley	Shrader	532
2263	Sincock	Sincock	400
2264	Farnsworth	Carr	500
2265	Goldey	Goldey	400
2266	Chigliione	Woolfrey	1500
2267	Clark	Stange	500
2268	Fenton	Larmer	500
2272	Schnoor	Bassett	2960
2274	Oakland Towel	Owner	400
2275	Cinkbeard	Owner	2500
2276	Connelly	Russell	400

ALTERATIONS
 (2232) E ADAMS 200 N Lee, Oakland.
 Alterations.
 Owner.....Wm. G. Henshaw, 276
 Adams, Oakland.
 Architect...None.
 Contractor...Wm. Davis & Son, 461 E-
 28th, Oakland.
 COST, \$500

PLANING MILL
 (2233) E FORTY-FIFTH AVE 200 S
 E-14th, Oakland. Two-story two-
 room planing mill.
 Owner.....Melrose Lumber Co., 1257
 46th Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2500

FRAME DWELLING
 (2234) NO. 2237 CHURCH, Oakland.
 One-story 5-room dwelling.
 Owner.....S. M. Jensen, Premises.
 Architect...None.
 Day's work.....
 COST, \$1500

FRAME DWELLING
 (2235) S HAROLD 180 E Champion,
 Oakland. One-story 5-room dwelling

Owner.....Fred Benson, 2106 Montana
 Oakland.
 Architect...None.
 Day's work.....
 COST, \$2000

FRAME DWELLING
 (2236) N WALNUT 160 E Renwick,
 Oakland. One-story 5-room dwlg.
 Owner.....J. E. Settles, Walnut and
 Renwick, Oakland.
 Architect...None.
 Contractor...O. G. Smith, 4411 Walnut,
 Oakland.
 COST, \$2200

FRAME DWELLING
 (2237) E 167TH AVE 1000 S E-14th,
 Oakland. One-story 5-room cottage
 Owner.....W. N. Lynch, 160 9th, Okd.
 Architect...None.
 Day's work.....
 COST, \$1500

FRAME DWELLING
 (2238) N "A" 105 W 87th Ave., Oak-
 land. One-story 2-room dwelling.
 Owner.....Vincent Pilota, 1311 87th
 Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$500

FRAME DWELLING
 (2239) W MAGNOLIA 335 W 30th,
 Oakland. One-story 6-room dwlg.
 Owner.....J. R. Pugundus, 3412 Ade-
 line, Oakland.
 Architect...None.
 Contractor...J. A. Valadon, 2934 Adeline
 Oakland.
 COST, \$2650

FIRE REPAIRS
 (2240) NO. 462-66 EIGHTH, Oakland.
 Fire repairs.
 Owner.....E. A. Whittaker, 2307 17th
 Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$1500

ADDITIONS
 (2241) NO. 569 FIFTY-NINTH, Oak-
 land. Additions.
 Owner.....G. O. Williams, Premises.
 Architect...None.
 Day's work.....
 COST, \$500

REPAIRS
 (2242) PARK AND TWENTY-THIRD
 Ave., Oakland. Repairs.
 Owner.....H. A. Thomas, 1405 23rd
 Ave., Oakland.
 Architect...None.
 Contractor...C. M. Dean, 2206 23rd Ave.,
 Oakland.
 COST, \$500

FRAME DWELLING
 (2243) S FIFTIETH 117 W Lawton
 Ave., Oakland. One-story 5-room
 dwelling.
 Owner.....Chas. McArthur, 382 50th,
 Oakland.
 Architect...None.
 Day's work.....
 COST, \$2000

FRAME DWELLING
 (2314) S FIFTIETH 79 W Lawton
 Ave., Oakland. One-story five-room
 dwelling.
 Owner.....Chas. McArthur, 382 50th,
 Oakland.
 Architect...None.
 Day's work.....
 COST, \$2000

FRAME DWELLING
 (2215) N CAVOUR 100 E Lawton Ave.,
 Oakland. One-story 5-room dwlg.
 Owner.....E. Camponenosi, 5714 Miles
 Ave., Oakland.

Architect None.
Contractor...E. Camponenosi, 2774 Miles Ave., Oakland.

COST, \$2400

FRAME DWELLING
(2246) NO. 3238 TELEGRAPH AVE., Oakland. Alter dwelling into flats.
Owner.....Mrs. Margaret Hart, Prem.
Architect...None.
Contractor...Whalin Bros., 269 Bacon Block, Oakland.

COST, \$2250

FRAME DWELLING
(2247) E ELSTON 150 N 37th, Oakland One-story five-room dwelling.
Owner.....V. N. Strang, 1521 9th, Okd
Architect...None.
Day's work.

COST, \$2000

FRAME DWELLING
(2248) S FORTY-SECOND 60 E Manila Oakland. One-story 5-room dwlg.
Owner.....H. J. Tabor, 1542 Broadway, Oakland.
Architect...None.
Contractor...J. F. Chambers, 1542 Broadway, Oakland.

COST, \$2000

FRAME DWELLING
(2253) LOT 22 Ridgewood Tract, Oakland. All work for one-story six-room bungalow.
Owner.....Ferdinand Erpf, 1017 Broadway, Oakland.
Architect...None.
Contractor...H. H. Weider.
Filed Sept. 8, '14. Dated Sept. 8, '14.
Lathing\$1500.00
Completed and accepted..... \$25.00
Usual 35 days..... \$87.50
TOTAL COST, \$2182.50
Bond, limit, forfeit, none. Plans and specifications filed.

GAS AND ELECTRIC FIXTURES
(2254) NW WEBSTER AND MERRIMAC W 100 N 40 E 95 N 60 E 99.05 S 100 and W Webster 100 N 28th N 58 W 99.05 S 58 E 99.05, Oakland. Gas and electric fixtures for steel frame church.

Owner.....First Hebrew Congregation of Oakland.
Architect...G. Albert Lansburgh, M. A. Gunst Bldg., S. F.
Contractor...E. J. Englosh (English Co.), Central Bank Bldg., Oakland.
Filed Sept. 8, '14. Dated Sept. 8, '14.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1400
Bond, \$700. Surety, American Surety Co. Limit, Sept. 12. Forfeit, \$25. Plans and specifications filed.

FRAME DWELLING
(2255) E MARKET 50 S 43rd, Oakland. One-story 6-room dwelling.
Owner.....L. Valpreda, 5411 Grove, Oakland.
Architect...None.
Contractor...L. G. Geary, 679 60th, Okd.

COST, \$2075

FRAME COTTAGE
(2256) N ELEVENTH AVE 200 S E-12th, Oakland. One-story 5-room cottage.
Owner.....J. F. Gatgens, — Calmar Ave., Oakland.
Architect...None.
Contractor...J. F. Motts, 5448 Claremont Ave., Oakland.

COST, \$1500

FRAME DWELLING
(2257) E LAWTON AVE 300 N Cavour, Oakland. One-story 3-room dwlg.
Owner.....Jno. Gondolf, 5168 Miles Ave., Oakland.
Architect...None.
Contractor...E. Camponenosi, 5174 Miles Ave., Oakland.

COST, \$500

GARAGE
(2258) NO. 934 E-EIGHTEENTH, Oakland. Garage.
Owner.....P. Chanquet, Premises.
Architect...None.
Contractor...Fred Hambleton, 573 43rd, Oakland.

COST, \$400

ALTERATIONS
(2259) NO. 803 WALKER AVE., Oakland. Alterations.
Owner.....E. F. Chester, Premises.
Architect...None.
Contractor...H. M. Swalley, 710 Walker Ave., Oakland.

COST, \$1437.30

ALTERATIONS
(2260) NO. 3923 ACACIA, Oakland. Alterations.
Owner.....A. C. Wilkinson, Premises.
Architect...None.
Day's work.

COST, \$500

REPAIRS
(2262) NW SEVENTH & FALLON, Oakland. Fire repairs.
Owner.....Mrs. J. A. Smiley, 825 Fallon, Oakland.
Architect...None.
Contractor...J. F. Shrader, 520 16th, Oakland.

COST, \$553

FRAME DWELLING
(2263) N VESTA 130 E 55th Ave., Oakland. One-story 4-room dwelling.
Owner.....E. Sineock, 2718 Octavia, Oakland.
Architect...None.
Day's work.

COST, \$400

ALTERATIONS
(2264) SE PAXTON AND THIRTY-FIFTH AVE., Oakland. Alterations.
Owner.....H. D. Farnsworth, 4106 Lusk, Oakland.
Architect...None.
Contractor...W. H. Carr, 1617 5th Ave., Oakland.

COST, \$500

ALTERATIONS
(2265) NO. 2438 PALMETTO, Oakland. Alter tank house.
Owner.....D. C. Goldey, Premises.
Architect...None.
Day's work.

COST, \$400

FRAME DWELLING
(2266) SE THIRTY-THIRD & BRUCE Oakland. One-story 4-room dwlg.
Owner.....Albino Ghiglieno, 33rd nr Bruce, Oakland.
Architect...None.
Contractor...Jno. B. Woolfrey, 3168 21st San Francisco.

COST, \$1200

GARAGE
(2267) NE THIRTY-SEVENTH AND GROVE, Oakland. Garage.
Owner.....Dr. Austin Clark, Prem.
Architect...None.
Contractor...D. M. Stanage, 896 55th, Oakland.

COST, \$500

F. UNDATIONS
(2268) W HOWE 150 S 41st, Oakland. Concrete foundations for apartments.
Owner.....Mrs. Fenton.
Architect...C. Burrell, Albany Bldg., Oakland.
Contractor...E. Larmer, 470 Boulevard Ave., Oakland.

COST, \$500

ALTERATIONS
(2272) SE E-FOURTEENTH & 35TH AVE., being No. 3515-23 E-14th, Oakland. Alterations to two-story frame stores and rooms.
Owner.....P. Schnoor, 5905 Claremont Ave., Oakland.
Architect...None.
Contractor...Ed. Bassett, 504 Fruitvale Ave., Oakland.

Filed Sept. 12, '14. Dated Sept. 12, '14.
Frame up\$740
Brown coated 740
Completed and accepted..... 740
Usual 35 days..... 740
TOTAL COST, \$2960
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

WAGON SHED
(2274) TWENTY-EIGHTH & FILBERT Oakland. Wagon shed.
Owner.....Oakland Towel Co., Prem.
Architect...None.
Day's work.

COST, \$400

DWELLING
(2275) E GROVE 150 N 47th, Oakland One and one-half-story six-room dwelling.
Owner.....J. Clinkenbeard, 2709 Grove, Oakland.
Architect...None.
Day's work.

COST, \$2500

ALTERATIONS
(2276) NO. 1273 TWENTY-SIXTH AVE., Oakland. Alterations.
Owner.....H. C. Connelly, Premises.
Architect...None.
Contractor...J. Russell, 1926 Park, Oakland.

COST, \$400

Berkeley.

No.	Owner	Contractor	Am't
2243	Elston	Burge	343
2250	Same	Capitol Elec	630
2251	Same	Webb	2710
2252	Same	Makin	1100
2261	Clough	Clough	400
2270	Holt	Anderson	3200
2271	Baker	Baker	1800
2273	Nickerson	Zelinsky	1650

MOTION PICTURE THEATRE
(2249) S DURANT 110 E Telegraph Ave, Berkeley. Plumbing, sewer, hose racks and other work for motion picture theatre.
Owner.....J. A. Elston, 2334 Bowditch Berkeley and George Clark 948 Market, San Francisco.
Architect...W. H. Rateliff Jr., First National Bank Bldg., Bkly.
Contractor...George W. Burge, Bkly.
Filed Sept. 8, '14. Dated Sept. 8, '14.
On 7th and 22d day of each month payments of 75%
Usual 35 days..... 25%
TOTAL COST, \$349
Bond, \$171.50. Surety, Jacob Kollmer. Limit, forfeit, none. Plans and specifications filed.

(2250) ELECTRIC WORK ON ABOVE.
Contractor...Capitol Elec. Co., 2476 Shattuck Ave., Berkeley.
Filed Sept. 8, '14. Dated Sept. 8, '14.

On 2nd and 22nd of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$630
Bond, limit, forfeit, none. Plans and
specifications filed.

2251) CONCRETE, ETC., ON ABOVE.
Contractor...A. J. Webb, 2075 Addison,
Berkeley.

Filed Sept. 8, '14. Dated Sept. 8, '14.
Payments same as above.....
TOTAL COST, \$2710
Bond, \$1355. Surety, Southwestern
Surety Insurance Co. Limit, forfeit,
none. Plans and specifications filed.

2252) LATH AND PLASTERING ON
above.
Contractor...Wm. Makin, 1110 Frank-
lin, Oakland.

Filed Sept. 8, '14. Dated Sept. 8, '14.
Payments same as above.....
TOTAL COST, \$1100
Bond, \$550. Surety, Joseph Makin.
Limit, forfeit, none. Plans and spec-
ifications filed.

ALTERATIONS

2261) W FULTON 50 N Channing,
Berkeley. Alterations.
Owner.....J. F. Clough, 2332 Fulton,
Berkeley.
Architect...None.
Day's work. COST, \$400

DWELLING

2270) E COLUSA opp. Posen Ave.,
Berkeley. Two-story 6-room dwlg.
Owner.....Robert Holt, 1815 Prince,
Berkeley.
Architect...None.
Contractor...J. J. Anderson,
COST, \$3200

DWELLING

2271) NW MILVIA & FRANCISCO,
Berkeley. Two-story 6-room dwlg.
Owner.....Burney P. Baker, 1712 Mil-
via, Berkeley.
Architect...None.
Day's work. COST, \$1800

PAINTING, PAPER HANGING, ETC.

2273) LOT 1 BLK 18, Claremont
Park, Berkeley. Painting, paper
hanging, etc., for two-story frame
residence.
Owner.....E. A. Nickerson, 2908 Pine
Ave., Berkeley.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg, Bkly.
Contractor...D. Zelinsky, 564 Eddy,
San Francisco.

Filed Sept. 12, '14. Dated Sept. 5, '14.
7th and 22nd of each month... 75%
Usual 35 days..... 25%
TOTAL COST, \$1650
Bond, limit, forfeit, none. Plans and
specifications filed.

Alameda.

No. Owner Contractor Amt.
2269 PondLundholm 3648

DWELLING

(2269) ENCINAL AND PARU, Ala-
meda. All work for one and one-
half-story 9-room dwelling.
Owner.....C. P. Pond, 1501 Alameda
Ave., Alameda.

Architect...None.
Contractor...John M. Lundholm, 1717
Wood, Alameda.

Filed Sept. 11, '14. Dated Sept. 11, '14.
Frame up ready for shingling... \$912
Brown coated..... 912
Completed and accepted..... 912
Usual 35 days..... 912

TOTAL COST, \$2648
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

CONTRA COSTA COUNTY.

FRAME DWELLING

LOT 7 BLK 39 Map of North Berkeley
Terrace. All work for five-room
single story frame dwelling.

Owner.....Thos. Farrel, Contra Costa
County.
Architect...Edw. F. Rolff.
Contractor...Edw. F. Rolff.
Filed Sept. 5, '14. Dated Sept. 1, '14.
Frame up\$240
Building plastered..... 240
Notice of completion filed..... 240
Usual 35 days..... 240

TOTAL COST, \$960
Bond, none. Limit, 15 working days.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS

NO. 610 S-SECOND ST., San Jose. Al-
terations and repairs.
Owner.....Mrs. J. E. Tombs, Premises.
Architect...None.
Day's work. COST, \$400

SACRAMENTO COUNTY.

FRAME APARTMENTS

NO. 2130 P ST., on E ½ of N ½ of Lot
4, P. Q, 21st and 22nd Sts., Sacra-
mento. Two-story frame apartment
house (four rooms each).
Owner.....William R. Saunders, 2810
I St., Sacramento.
Architect...None.
Day's work. COST, \$4800

RAISE DWELLING

NO. 3528 CYPRESS W 40 feet of E ½
Lot 12 BLK 55, Lewis Tct., Sacramento
Raise and finish dwelling.
Owner.....F. A. Miller, 3309 Madrone
Ave., Sacramento.
Architect...None.
Contractor...E. A. Miller, 3205 3rd Ave.,
Sacramento.
COST, \$800

REPAIR FOUNDATION OF WARE-
HOUSE

NO. 1309 FRONT, Lot 2, M, N, 1st and
2nd Sts., Sacramento. Brace building
and foundations of warehouse.
Owner.....The Terry Estate Co., 1116
N St., Sacramento.
Architect...R. A. Herold, Forum Bldg.,
Sacramento.
Contractor...H. E. Harvie, 2212 T St.,
Sacramento.
COST, \$600

REPAIR BLACKSMITH SHOP

NO. 1415 TWENTY-FIRST ST., N ½
Lot 5, N. O. 20th and 21st Sts., Sacra-
mento. Roof and repair blacksmith
shop.
Owner.....N. Fossati, Smith's Flat,
California.
Architect...None.
Contractor...A. L. Derman, 2022 D St.,
Sacramento.
COST, \$300

STORE AND RESIDENCE

NO. 2118 THIRTEENTH N ½, Lot 6, U,
V, 12th and 13th Sts., Sacramento.
Two-story store and residence.
Owner.....H. L. Mee, 1730 E St., Sacra-
mento.
Architect...None.

Contractor...B. E. Seoble, 1911 14th St.,
Sacramento.
COST, \$2900

OIL TANK

NO. 3206 FOURTH ST., Lots 75 and 76
Blk 707 Oak Grove, Sacramento. Place
3000 gallon oil tank underground
and install fuel oil burners.
Owner.....R. C. Kaeser, Premises.
Architect...None.
Day's work. COST, \$100

FRAME RESIDENCE

LOT 66, West Curtis Oaks, Sacramento.
One-story frame dwelling.
Owner.....Henry Fisher Jr., 515 V
Architect...None.
Contractor...Frank P. Williams, 523
Ochsner Bldg., Sacramento
COST, \$2900

FRAME RESIDENCE

NO. 3233 CYPRESS AVE., Lot 11 Blk
46, Oak Park, Sacramento. One-story
frame residence.
Owner.....H. Trechard, Premises.
Architect...None.
Contractor...E. A. Corum, 2523 First
Ave., Sacramento.
COST, \$1850

FRAME RESIDENCE

33 AND W ON S ½ LOT 8, V, W, STS.,
Allen and Leitch Tract, Sacramento.
One-story frame residence.
Owner.....H. Goldman, 924 6th St.
Sacramento.
Architect...None.
Day's work. COST, \$1800

SLEEPING PORCH

NO. 3612 J ST., Sacramento. Build
sleeping porch on residence.
Owner.....Mrs. K. Sullivan, Premises.
Architect...None.
Contractor...E. A. Corum, 2523 1st Ave.,
Sacramento.
COST, \$500

PORCH FOR RESIDENCE

NO. 619 G ST., E 25 Lot 6, F, G, 6th
and 7th Sts., Sacramento. New back
porch on residence.
Owner.....Mrs. A. Arnold, 206 21th
St., Sacramento.
Architect...None.
Contractor...F. W. Arnold, 206 24th St.,
Sacramento.
COST, \$300

THE PROPHECY OF HUGO—MAY IT
BE FULFILLED!

Victor Hugo's prophecy is called to
mind by the monstrous crime of the
ages now being perpetrated in Europe
in the shape of an unreasonable and
an unnecessary war:

A day will come when the only bat-
tledfield will be the market open to
commerce and the mind opening to
new ideas.

A day will come when bullets and
hombshells will be replaced by votes,
by the universal suffrage of Nations,
by the venerable arbitration of a
great Sovereign Senate, which will be
to Europe what the Parliament is to
England, what the Diet is to Germany,
what the Legislature Assembly is to
France.

A day will come when a cannon will
be exhibited in public museums, just
as an instrument of torture is now, and
people will be astonished how such a
thing could have been.

A day will come when these two im-
mense groups, the United States of
America and the United States of
Europe, shall be seen placed in
presence of each other, extending the
hand of fellowship across the ocean.

Let us all hope the horrors of the
present conflict will speed the coming
of that day!

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Aug. 1, 1914—W BAKER 62-6 S Filibete S 25xW 57-6. Louis Cuneo to whom it may concern. July 31, 1914
 Aug. 1, 1914—N CASELLI AVE 25 E Clover E 25xN 62. Lucie and John H or J H Moller to L A Secor. July 31, 1914
 Aug. 1, 1914—W FORTIETH AVE 175 S Lincoln Way 25x120. Peter Michel to Geo V McCausland. August 1, 1914
 Aug. 1, 1914—E FILLMORE 200 N Chestnut E 327x25 — 487.50 W 327x25 S 487.50; SW Chestnut and Fillmore N 200xW 1650. Panama-Pacific International Exposition Co to Flinn & Treacy. July 27, 1914
 Aug. 3, 1914—N MARKET 49-9% E Page E 27-1% N 112-0% W 22 S parallel with Franklin 127-10% Augustin S Macdonald to Charles B Hadley. July 24, 1914
 Aug. 3, 1914—N RIVOLI 100 E Stannan E 25xN 100. Emil Nelson to whom it may concern. Aug. 3, 1914
 Aug. 3, 1914—N GREEN 166-3 W Larkin W 28-9xN 145. Thomas F Barry to Thomas F Barry. August 3, 1914
 Aug. 3, 1914—SW NINTH AVE AND Judah S 100xW 57-6. Parnassus Hall Association to Thomas A Cavanaugh. July 24, 1914
 Aug. 3, 1914—NE RANDOLPH AND Arch E 50xN parallel with Arch 100; Lots 7 and S Blk 30, City Land Association. Helen P Swan to J C Stromswold. July 25, 1914
 Aug. 4, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Geo C and Helen M Sargent to Fred J H Rickon. August 3, 1914
 Aug. 4, 1914—LOT 26 BLK 22 Forest Hill. J S Malloch to J S Malloch. July 31, 1914
 Aug. 4, 1914—N LAKE 30 W Seventh Ave W 28xN 75. Fred Roettger to whom it may concern. Aug. 1, 1914
 Aug. 4, 1914—E TWENTY-SECOND Ave 225 N California N 25x E 120. Jas Welsh to James Welsh & Co. July 31, 1914
 Aug. 4, 1914—E SEVENTH AVE 25 S Kirkham (K) S 50x E 95. A J Ralsch to Cox Bros. Aug. 3, 1914
 Aug. 4, 1914—SE BRODERICK AND Lewis E 412.50xN 250 m or l. Panama-Pacific International Exposition Co to Hyde Harjes & Co, Inc. July 30, 1914
 Aug. 4, 1914—SE DUBOCE AVE AND Walter. E J or Edw J McDonald to Schroder & McIntosh. July 31, 1914
 Aug. 4, 1914—JACKSON NOS. 1446-1448-1450. L S and Melia Church to J Eric Johanson. Aug. 3, 1914
 Aug. 4, 1914—W WEBSETR 112-6 S Ellis. Sarah Mintz and Harry Abramson to John J Binet Co. July 29, 1914
 Aug. 5, 1914—E CONNECTICUT 125 S 15th S 25 N 100 E 25 W 100. Franz Rettig and Anna Rettig to whom it may concern. Aug. 1, 1914
 Aug. 5, 1914—E TWENTY-SECOND Ave 325 N Clement N 25x E 120. M

F Nolan to whom it may concern. August 5, 1914
 Aug. 5, 1914—N ORTEGA 32-6 W 5th Ave W 25xN 100. Guerrero Realty Co to Edwin Anderson and John Carlson. Aug. 4, 1914
 Aug. 5, 1914—NE SIXTEENTH AND Mission N 260x E 240 m or l. Henry Invest Co to Jas S Fennell. Aug. 4, '14
 Aug. 5, 1914—S CLAY 30 E Taylor 25x 89-9. John Dempniak to whom it may concern. August 5, 1914
 Aug. 6, 1914—N BUSH adj E side Mills Bldg 68-9 on Bush. Ogden Mills to Palace Hardware Co. July 28, 1914
 Aug. 6, 1914—NE COTTER 78 SE Alemany Ave SE 25xNE 100 ptn Lots 124, 125 Blk 6 Academy. Michael McDonough to whom it may concern. Aug. 6, 1914
 Aug. 6, 1914—W SANCHEZ 56 S 25th 28x76-9. Bridget J Carmody to Ruegg Bros. Aug. 6, 1914
 Aug. 7, 1914—N GOLDEN GATE AVE 43-4 E Pierce; No. 1484 Golden Gate Ave. Mr H and Mrs M H Dooley to Anderson & Co. Aug. 7, 1914
 Aug. 7, 1914—W TWENTY-FIFTH Ave 125 N Irving N 25xW 120. Ilavard & Hill to whom it may concern. Aug. 4, 1914
 Aug. 7, 1914—S GREEN 205 W Devissadero S 137-6xW 35. Mrs Mary P Spalding to William Martin. August 5, 1914
 Aug. 7, 1914—W LARKIN 72-6 N Mission N 25xW 93-4. E H Hildebrand to Walters & Pierson. Aug. 6, 1914
 Aug. 7, 1914—N GREEN 116-3% W Jones W 47xN 120 to Macondray. John McGaw to The Hill Bros Co. July 24, 1914
 Aug. 7, 1914—E TWENTIETH AVE 75 S Geary (Pt. Lobos Ave) S 25x E 90. Joseph C Kirby to whom it may concern. Aug. 7, 1914
 Aug. 8, 1914—S SECOND 85 — Folsom 50 W 95 S 50 E 95. Protestant Episcopal Bishop of California to Johnston, Branagh & Cuthbertson. August 5, 1914
 Aug. 8, 1914—W TRINITY 68-9 N Sutter W 61-3% xN 34-4%. French American Bank of Savings by Agt. P J Walker Co to Ickelheimer Bros Co. Aug. 5; M Lyden and J T Tickle, July 30; Jos Musto Sons-Keenan Co. Aug. 4, 1914
 Aug. 10, 1914—SE FILLMORE AND Lombard S 120 E 45 N parallel with Fillmore 110 E parallel with Lombard 20 N 9 W 65. Adolph Gunzen-dorfer, lessee to S Montani. August 6, 1914
 Aug. 10, 1914—N GREEN 110-10 W Baker N 60 E 40 S 60-6 W 40. Jeanette W Torney (Mrs E J Torney) to Wm Martin. Aug. 1, 1914
 Aug. 10, 1914—FOLSOM NO. 2148. G Allen to McGowan & Butler. August 7, 1914
 Aug. 10, 1914—E POMONA 200 S Bay View S 100x E 100. Wm Densoer to Patrick H Madden. Aug. 8, 1914
 Aug. 10, 1914—N CLIPPER 80 E Douglass E 10x114. Oscar Lind to whom it may concern. July 15, 1914

Aug. 11, 1914—E TWENTY-FIRST Ave 300 S Lincoln Way. Anglitta Lindsey to MacArthur Bros. August 10, 1914
 Aug. 11, 1914—NE EIGHTEENTH & Mission N 47x E 100. W A Halsted Foster Vogt Co. Aug. 4, 1914
 Aug. 11, 1914—W TWENTY-FOURTH Ave 250 N Geary N 25xW 120. Wm H Walhall to whom it may concern. Aug. 11, 1914
 Aug. 11, 1914—E THIRD AVE 200 N Anza N 25x E 120. Joseph Coleman to John V Stiefel. Aug. 11, 1914
 Aug. 10, 1914—N BUSH 37-6 W Hyde W 34-4% xN 137-6. Martin S Show to T E Davis & Son. Aug. 10, 1914
 Aug. 12, 1914—E HYDE 112-6 N Eddy J G Kincanon to whom it may concern. Aug. 10, 1914
 Aug. 12, 1914—SW SUTTER AND Powell. York Realty Co to Decker Elec Constr Co, July 10, 1914; J E O'Mara, July 10, 1914; Val Frnaz. July 20, 1914
 Aug. 12, 1914—S TWENTY-NINTH 205 W Noe W 25xS 114. Hulda Peterson to whom it may concern. July 20, 1914
 Aug. 12, 1914—W PROSPECT AVE 25 S Heyman Ave S 21-6 W 70 N 21-6 E to beg. Jno and Johanna Kelleher or Kelleher to Elmer Carlson. August 10, 1914
 Aug. 12, 1914—SE FULTON & COLE 25x83-6. Mrs M Maher to J B Reite and B R Halling. Aug. 7, 1914
 Aug. 12, 1914—S BUSH 87-6 E Polk 63-6x120. E L Hueter to Ferguson & Locke Co. Aug. 5, 1914
 Aug. 12, 1914—W JORDAN AVE 333-4 S Euclid S 33-4xW 120. Jeannette A Jordan to A M Wallen. Aug. 7, 1914
 Aug. 12, 1914—EXPOSITION SITE (Service yard & warehouse group) Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen. Aug. 5, 1914
 Aug. 12, 1914—NW THIRD AVE AND Hugo W 95xN 25. Captain Geo H Goodell to whom it may concern. August 12, 1914
 Aug. 12, 1914—W SECOND AVE 86-11% S Cabrillo S 29xW 120. Thomas R Skerrett to Ira W Coburn, Inc. August 12, 1914
 Aug. 12, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to A Knowles. July 31; Robert Brandein and R Brandein & Co. July 31, 1914
 Aug. 12, 1914—S JERSEY 159-6 W Diamond W 23xS 114. D Curtin to Roberts & Woolfr. Aug. 11, 1914
 Aug. 13, 1914—SW POST & POWELL W137-6 S 63-6 E 69-7 N 6-6 E 67-11 — 57. Crocker Hotel Co to Mangrum & Otter. Aug. 6, 1914
 Aug. 13, 1914—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to Pacific Mfg Co. August 6, 1914
 Aug. 13, 1914—W FRONT near Market. A B Spreckels to Lamson Co. August 1, 1914
 Aug. 13, 1914—SW ELLIS & FRANKLIN Roman Catholic Archbishop of San Francisco to John J Leonard. August 1, 1914

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August 3, 1914
Aug. 13, 1914—NE CALIFORNIA & Davis. A B Spreckels to McGilvray Stone Co. Aug. 1, 1914; Butte Eng & Elec Co.Aug. 1, 1914
Aug. 14, 1914—NE CALIFORNIA AND Davis. A B Spreckels to Home Manufacturing Co.Aug. 1, 1914
Aug. 14, 1914—N BUSH adj. E side Mills Bldg having a frontage on Bush of 68-9. Ogden Mills to Petersen-James Co.Aug. 10, 1914
Aug. 14, 1914—S SUTTER 119 E Fillmore E 52xS 137-6. William and Elizabeth Merkelbach to B H Barnes.Aug. 13, 1914
Aug. 15, 1914—W FIFTH AVE 75 S Balboa S 25xW 95. Richard French to Taylor & Co.Aug. 14, 1914
Aug. 15, 1914—W DIAMOND 160 N 23rd N 25xW 115-9. Tina Hinkel to Hinkel Bros.July 25, 1914
Aug. 15, 1914—N POST 137-6 W Franklin W 55xN 137-6. P L Bannan to A Helbing.Aug. 11, 1914
Aug. 15, 1914—SE MOSCOW 200 NE Persia Ave NE 25xSE 100 Ptn Lot 3 Blk 82, Excel Hd. John T Grace to whom it may concern.Aug. 15, '14
Aug. 15, 1914—NE PARKER AVE &

Fulton E 175xN 275. The Presidena and Board of Trustees of St. Ignatius College to John J Hughes and Massachusetts Bonding & Insurance Co.Aug. 13, 1914
Aug. 15, 1914—N BROADWAY adj. to W of the present residence, 30 feet front. Herholt C Moffitt to Farrell & Reed.Aug. 6, 1914
Aug. 15, 1914—LOT 8 BLK 3 ST. Francis Wood. Ida F Shipman to Marcus Marcussen.Aug. 15, 1914
Aug. 15, 1914—W DIAMOND 185 N 23rd N 25xW 115-9. Tina Hinkel to Hinkel Bros.July 25, 1914
Aug. 17, 1914—N CALIFORNIA, 82-6 W 5th avenue, N 110-6 1/2 W 25 S 112 E 25-23-16. I. V. De Ryana to S. J. Sterner.Aug. 7, 1914
Aug. 17, 1914—S W JACKSON AND Taylor, S 68-9x87-6. Metropolis Investment Company to whom it may concern.Aug. 17, 1914
Aug. 17, 1914—N GREENWICH, 55 E Fillmore, E 25x60. Pietro Alberigi to Devineenzi Bros. & Co.Aug. 14, 1914
Aug. 17, 1914—S CALIFORNIA, 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. John Gray to Leigh &

SchulzAug. 14, 1914
Aug. 17, 1914—N CAMEL, 126-6 W Cole, 33-6x114 11-16 ft. W. B. Cookson to L. Arthur & Son.Aug. 14, 1914
Aug. 17, 1914—N BUSH, 90 W Stockton, W 50xN 68-3. Clyde S. Payne to whom it may concern.Aug. 17, 1914
Aug. 17, 1914—SW BROADWAY & Grant Ave., S 137-6 W 137-6 N 37-6 E 20 N 100 E 117-6 Mary Marsicano to Mulcahey Bros.Aug. 12, 1914
Aug. 17, 1914—W SIXTH AVE., 50 N Hugo, N 25xW 95. George S. Crim to L. C. Woolridge.Aug. 14, 1914
Aug. 17, 1914—S CALIFORNIA, 114-6 W Larkin, W 23xS 80-6. Joseph Jurisich to E. J. Montgomery.Aug. 15, 1914
Aug. 18, 1914—NE CALIFORNIA & Davis. A B Spreckels to Fordecker Cornice Works.Aug. 1, 1914
Aug. 18, 1914—SE TEIAMA, 100 SW 4th SW 25xSE 80. John J. and Rose Coffey to whom it may concern.Aug. 1, 1914
Aug. 18, 1914—SW NEWMAN and Bennington. Michael Fogarty to whom it may concern.Aug. 18, 1914
Aug. 18, 1914—E TWELFTH AVE., 25 N Irving, N 75xE 45. Eugene J. and Mathilda Keller to Charles Coburn.Aug. 18, 1914
Aug. 18, 1914—N MOHAWK AVE., 145 W Mission W 25x100. Niels Jacobsen to whom it may concern.Aug. 15, 1914
Aug. 18, 1914—N MOHAWK AVE., 120 W Mission W 25x100. Niels Jacobsen to whom it may concern.Aug. 15, 1914
Aug. 18, 1914—NW GUERRERO & Cumberland, 39 on Guerrero and 70 on Cumberland. Jacob and Fred Brown to Ratto & Ratto.Aug. 15, 1914
Aug. 19, 1914—W CODMAN PL. 77-6 S Washington, S 20x60. Andrew P. Buhman to whom it may concern.Aug. 18, 1914
Aug. 19, 1914—N FILBERT, 108-2 W Broderick, — 25-7 N 137-6 E 25-7 S 137-6. Mrs. T. Kleinfeld to N. P. Anderson.Aug. 18, 1914
Aug. 19, 1914—NE SIXTEENTH and Mission, N 260xE 240. Henry Inv. Co. to MacGruer & Co.Aug. 14, 1914
Aug. 19, 1914—SE MARKET, 45 SW 2nd, SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6 Chas. Schlessinger to Ralston Iron Works.Aug. 19, 1911
Aug. 19, 1914—W FILLMORE 137-6 N Hayes N 30xW 137-6. James West to S. Persson and G. Pettersson.Aug. 18, 1914
Aug. 19, 1914—W BRYANT 100 N 23rd N 30xW 100. Susan C. Mugan to Segursion Bros.Aug. 17, 1914
Aug. 20, 1914—LOT 34 ASHBURY Terrace, Map of Lyon & Hoag sub Ashbury Terrace. P. H. McCarthy to Robert Glaze.Aug. 18, 1914
Aug. 20, 1914—SE SUTTER and Jones, S 100xE 72. S. L. M. Starr and L. C. Larsen to Butte Engineering and Electric Company.1, 1914
Aug. 20, 1914—E VERMONT, 100 N 24th, N 25xE 100. Issiah M. and Emma Leslie to J. McI. Jarvis.Aug. 12, 1914
Aug. 20, 1914—N CLAY, 130 E Steiner, E 31-3xN 127-8 1/4. Joseph Sock- Aug. 20, 1914—W TWENTY-THIRD olov to whom it may concern.Aug. 19, 1914
Ave., 250 S Lake, W 120xS 25.

- Delia J. Waage to J. Johnson. Completed. —
- Aug. 20, 1914—S W ELLIS and Franklin. The Roman Catholic Archbishop of San Francisco to Frederick W. Snook Co. Aug. 12, 1914
- Aug. 20, 1914—N MISSION between 3rd and 4th. The Roman Catholic Archbishop of San Francisco to California Construction Co. Aug. 13, 1914
- Aug. 20, 1914—N WEST CLAY, 95 W 25th Ave, 25 on West Clay by 100. Julia L. McDavid Preston to Martin Nolan. Aug. 15, 1914
- Aug. 20, 1914—SE SUTTER and Jones. —100x E 72. S. L. M. Starr and L. C. Larsen to Larsen & Larsen. Aug. 11, 1914
- Aug. 21, 1914—NW EDINBURGH, 275 NE France Ave. NE 25xNW 100, portion lot 6, block 39, Excel. Hld. John C. Grant to whom it may concern. Aug. 20, 1914
- Aug. 21, 1914—E NINETEENTH Ave, 25 S California, E 70xS 25, No. 206 19th Ave. Emil Aug. Schkade and Margaret F. Schkade to whom it may concern. Aug. 20, 1914
- Aug. 18, 1914—NW GUERRERO & Cumberland, 39 on Guerrero and 76 on Cumberland, Jacob and Fred Braun to Ratto & Ratto. Aug. 15, 1914
- Aug. 8, 1914—S SECOND 85 — Folsom 50 W 95 S 50 E 95, Protestant Episcopal Bishop of California to Johnston, Branagh & Cuthbertson. Aug. 7, 1914
- Aug. 22, 1914—N TRINITY, 68-9 N Sutter, W 61-3½xN 34-4½. French American Bank of Svgs by agent P. J. Walker to Central Elec. Co. Aug. 12, 1914
- Aug. 22, 1914—LOT 4, BLK 5, Crocker Amazon Tst. Franziska Christen to M. C. Warnock. Aug. 21, 1914
- Aug. 22, 1914—SE GEARY and Taylor, S 137-6xE 87-6. Clift Realty Company by agent P. J. Walker Company to Ralston Iron Works Corp. Aug. 20, 1914
- Aug. 22, 1914—NW SUTTER and Trinity Pl., 40 on Sutter by 115 m or 1 on Trinity. French American Bank of Svgs by agent P. J. Walker Co. to Otis Elev. Co. Aug. 17, 1914
- Aug. 22, 1914—S ELLIS, 137-6 W Hyde, No. 635 Ellis. Kincanon Const. Co. to whom it may concern. Completed. —
- Aug. 23, 1914—S CASTENADA AVE., being 30 feet of W part of lot 29 and 6-8 of east part of lot 28, Forest Hill. Arthur Elvin to whom it may concern. Aug. 22, 1914
- Aug. 24, 1914—SW POST & POWELL, W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 — 57. Crocker Hotel Co to C. C. Morehouse, Aug. 20, 1914; Stepho Milletin, Aug. 20, 1914; American Marble and Mosaic Co. Aug. 14, 1914
- Aug. 24, 1914—W TWELFTH AVE., 225 S Anza. Alton R. Lapham to whom it may concern. Aug. 20, 1914
- Aug. 24, 1914—W TWELFTH AVE., 250 S Anza. Alton R. Lapham to whom it may concern. Aug. 19, 1914
- Aug. 24, 1914—S McALLISTER, 137-6 W Broderick W 25xS 137-6. Rosa Frey and Millie Lindauer to Gustav Peterson. Aug. 22, 1914
- Aug. 24, 1914—NE FULTON & Parker Ave., E 175xN 275. The President and Board of Trustees of Saint Ignatius College to J. J. O'Connor and R. J. Collins, O'Connor & Collins. Aug. 21, 1914
- Aug. 24, 1914—S POST, 195 W Larkin, W 25xS 120. J. B. Reite to whom it may concern. Aug. 24, 1914
- Aug. 24, 1914—S CLAY 150 E Drumm, E 50 S 119-6 W 50 N 119-6. Maritime Hall Ass'n to E. F. Burke. Aug. 15, 1914
- Aug. 26, 1914—LOT 23, BLK D, Mission Street Land Co. Martha Brown to Arthur Brown and Oliver Brown. Aug. 26, 1914
- Aug. 26, 1914—SW FORTY-FOURTH avenue and Anza. Laura M. Lewis to whom it may concern. Aug. 1, 1914
- Aug. 26, 1914—S SUTTER, 87-6 E Montgomery, S 124-9 N 62-7 W 25 S 83-1½ to Market, thence 92-5½ N 92-6 W 50. Hohart Est. Co. Gladding, McBean & Co. Aug. 26; Farrell & Reed. Aug. 26, 1914
- Aug. 26, 1914—SW POST & LEAVENWORTH, L. H. Sly to whom it may concern. Aug. 26, 1914
- Aug. 27, 1914—S CORTLAND AVE, 25 E Ellsworth, S 80 E 45 N 91-6¼ W to beginning. Olof G. and Rose Carlson to Wm. Little. Aug. 22, 1914
- Aug. 27, 1914—E TWENTY-SIXTH Ave., 200 N "J" N 25xE 100. J. or John Morley to whom it may concern. Aug. 25, 1914
- Aug. 27, 1914—NE ELEVENTH AVE and Geary, E 32-6xN 100. Bertha Witte to whom it may concern. Aug. 24, 1914
- Aug. 27, 1914—N OAK, 157-6 W Van Ness Ave. W 89-9 N 120 E 68-9 S 40 E 21 S 80. The Young Men's Institute Hall Ass'n to Thos. L. Wand and Martin M. Fennell. Aug. 17, 1914
- Aug. 27, 1914—NE WASHINGTON and Presidio Ave., E 90-11xN 50. Stella C. Lovegrove to H. W. Arnold. Aug. 27, 1914
- Aug. 27, 1914—NW TWENTY-fourth and Chattanooga, W 78xN 25. J. M. and M. E. Branscombe to whom it may concern. Aug. 19, 1914
- Aug. 27, 1914—NE FULTON and Parker Ave., E 175xN 275. The President and Board of Trustees of St. Ignatius College to Joseph Musto-Sons-Keenan Co. Aug. 21, 1914
- Aug. 27, 1914—N UNION, 112-6 W Montgomery, W 25xN 68-9. Lizzie Pagano, F. Pagano and V. Pagano to F. C. Amoroso. Aug. 27, 1914
- Aug. 28, 1914—S FILBERT, 87-6 E Fillmore, E 50xS 137-6. J. Sheldon Potter to Foster-Vogt Co. Aug. 27, 1914
- Aug. 28, 1914—SE POST & LEAVENWORTH, S 137-6xE 137-6. The Schmiedell Est. to Otis Elevator Co. Aug. 27; Marshall & Stearns Company. July 22, 1914
- Aug. 28, 1914—NE JACKSON and Cherry, No. 20 Cherry. W. D. McCann to Brunswick-Balke-Collender Co. Aug. 21, 1914
- Aug. 28, 1914—W DIAMOND, 58 N Elizabeth, N 28xW 76-8. Charles J. Grisz to Roberts & Woolfrey. Aug. 27, 1914
- Aug. 28, 1914—S NORIEGA, 32-6 W 8th Ave. W 25xS 100. Mrs. H. D. O'Brien or Naomi O'Brien to A. E. Diston. Aug. 24, 1914
- Aug. 28, 1914—W IRVING, 70 N 8th Ave. N 25x75. M. Widrin to M. Lanzer and F. A. Piske. Aug. 24, 1914
- Aug. 29, 1914—LOT 26 BLK 3, sub No. 1, Castro Street Addition. Ivy D. Hester and Perry F. or P. F. Hoff to Hester & Hoff. Aug. 29, 1914
- Aug. 29, 1914—E TWENTIETH AV., 50 S Geary, S 25xE 90. Joseph C. Kirby to whom it may concern. Aug. 29, 1914
- Aug. 29, 1914—N ANZA, 53-4 E 23rd Ave E 27-1xN 100. Ernest E. and Myrtle F. Dunn to Ernest E. Dunn. Aug. 27, 1914
- Aug. 29, 1914—NO. 3680. JACKSON. Irene M. Roos to R. A. Chisholm. Aug. 24, 1914
- Aug. 29, 1914—W TWELFTH AV., 200 N Balboa, N 56xW 120. B. Getz to Robert M. Lelland, James McCubbin, J. E. Kara, Panama Elec. Co. Aug. 19, 1914
- Aug. 29, 1914—N SUTTER 137-6 E Leavenworth, E 46-7½xN 137-6. A. Eisenberg to Macdonald & Kahn. Aug. 29, 1914
- Aug. 29, 1914—NE FULTON and Parker Ave., E 250xN 275. The President and Board of Trustees of Saint Ignatius College to P. J. Sullivan, E. J. Nutting, Spencer Street Planing Mill. Aug. 26, 1914
- Aug. 29, 1914—NE FULTON and Parker Ave E 175xN 275. The President & Board of Trustees of St. Ignatius College to The J. Llewellyn Co. Aug. 27, 1914
- Aug. 31, 1914—W FOURTEENTH AVE 255 S Geary (Point Lobos Ave) S 25 xW 120. William C and Marie Foulks to Thos Hamill. Aug. 31, 1914
- Aug. 31, 1914—E TWENTY-SIXTH Ave 162-6 S Vincente S 37-6xE 120. A G Overpack to whom it may concern. Aug. 29, 1914
- Aug. 31, 1914—S CLAY 147-6 W Jones W 50xS 114. Letitia K Emery to whom it may concern. Completed. —
- Aug. 31, 1914—N GREENWICH 107-10 W Stockton W 29-8xN 45. Ferruccio Di Grozia to L Dioguardi. Aug. 31, 1914
- Aug. 31, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Cameron & Diston. Aug. 25, 1914
- Aug. 31, 1914—S LAKE 32-6 E 17th Ave S 100xE 50. John Johnson to whom it may concern. Completed. —
- Aug. 31, 1914—W TRINITY 68-9 N Sutter W 61-3½xN 34-4½. French American Bank of Savings by P J Walker, Agents to Frederick W Snook Co. Aug. 26, 1914; August Gradin, Aug. 21, 1914; Rudgear-Merle. Aug. 26, 1914
- Aug. 31, 1914—N JACKSON 27-6 E Devisadero 82-6x102-8¼. Otto Carson and Katharine Hinz to Otto Carson. Aug. 31, 1914
- Sept. 1, 1914—S BONITA 109-6 W Polk. Nick Borina to E J Montgomery. Aug. 31, 1914
- Sept. 1, 1914—E BELVEDERE 324-1½ N 17th N 28xE 128-7¼. Thomas Finlayson to whom it may concern. Sept. 1, 1914
- Sept. 1, 1914—W NINETEENTH AVE 25 S Balboa S 25xW 100. John S Purcell to whom it may concern. Sept. 1, 1914
- Sept. 1, 1914—W NINETEENTH AVE 75 S Balboa S 25xW 100. John S Purcell to whom it may concern. Sept. 1, 1914
- Sept. 1, 1914—E SHOTWELL 185 N 20th N 50xE 122-6. Thaddeus W Terry to H T Grieb. Aug. 29, 1914
- Sept. 1, 1914—E TWENTY-EIGHTH Ave 125 N Clement N 25xE 120. Eugene and Catherine Donovan to whom it may concern. Aug. 29, 1914
- Sept. 1, 1914—S HUGO 95 W Third

- Ave W 25xS 100. E Hunius to A Klahn & Son.....Aug. 29, 1914
- Sept. 1, 1914—N PAGE 151 E Lyon N 137-6x E 27-6; Nos. 1252-52-56 Page, Rosa M McGough to Lincoln U Grant.....Aug. 11, 1914
- Sept. 1, 1914—LOT 12 BLK 46, Reis Tract, Michael and Kate Ungwarsky to H Melsen.....Sept. 1, 1914
- Sept. 1, 1914—NE TONQUIN & DEVISADERO E 893.75xS 1275 (Court of Honor). Panama-Pacific International Exposition Co to F Itolandi.....Aug. 26, 1914
- Sept. 1, 1914—E EIGHTH AVE 121 N Lawton, M or Martin L Cramer to Finn Andersen.....Aug. 19, 1914
- Sept. 2, 1914—E FIFTH AVE 100 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914
- Sept. 2, 1914—E FIFTH AVE 150 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914
- Sept. 2, 1914—N MANGELS AVE 100 E Congo E 70 N 36 m or 1 W 70 S 35-114. Chas F Goepel to whom it may concern.....Aug. 21, 1914
- Sept. 2, 1914—EXPOSITION SITE, J R Kathrens, manager, Union Pacific Yellowstone Park Concession to John Monk.....Aug. 31, 1914
- Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.....Aug. 24, 1914
- Sept. 3, 1914—W HYDE 37-6 N Pine W 25x90-10; No. 1011 Hyde. Herman D Hogrefe to whom it may concern.....Sept. 2, 1914
- Sept. 3, 1914—COMG. 75 N LOMBARD and 137.6 W Larkin W 68.9xN 30. James and Annie Mears to Western Union Home Bldrs, Inc.....Sept. 3, 1914
- Sept. 3, 1914—S SUTTER 37-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11% — 92-5 1/2 N 52-6 W 20. Hobart Estate Co to P H Jackson & Co.....Aug. 27, 1914
- Sept. 3, 1914—SE POST & LEAVENWORTH S 137-6x E 137-6. The Schmiedell Estate to Hardwood Interior Co.....Aug. 31, 1914
- Sept. 3, 1914—S PARNASSUS AVE 23-6 E Willard; Lot 5 Blk "D" Sunset Heights, W D Kaufmann to Nielsen Bros.....Sept. 3, 1914
- Sept. 3, 1914—NE JACKSON AND Cherry; No. 20 Cherry. W D McCann to Isaac Penny.....Aug. 28, 1914
- Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.....Aug. 29, 1914
- Sept. 3, 1914—W HYDE 20 N Green N 20xW 60. H C Muller to Henry Conrad.....Aug. 27, 1914
- Sept. 3, 1914—N MARKET 49-9% E Page E 27-1% N parallel with Page 112-0 1/2 W 22 S parallel with Page 127-10%. A S Macdonald to Harold Brauntun.....Aug. 24, 1914
- Sept. 4, 1914—LOT 19 BLK 4, Crocker Amazon Tract. United States Bldg Realty & Inv Society to whom it may concern.....Sept. 3, 1914
- Sept. 4, 1914—SE TONQUIN & BAKER S 1375x E 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
- Sept. 4, 1914—E VICKSBURG 30 S 22nd S 25x E 100. Olaf Ellingsen to C Wengard.....Completed —
- Sept. 4, 1914—W FILLMORE 70-3 1/2 S Jackson W 105xS 32-4 1/2. Joseph Haller to Herman H Bergfeld.....Sept. 1, 1914
- Sept. 4, 1914—W EUREKA 70-5 S 22nd — 46 10 W 100 N 16 10 E 100 N J Nelson to whom it may concern.....Sept. 3, 1914
- Sept. 4, 1914—N O'FAIRRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. The Young & Swain Baking Co to Frank J Klimm.....Sept. 1, 1914
- Sept. 5, 1914—SE HYDE & GREENWICH S 68-9x E 100. Greenwich Realty Co to Pacific Rolling Mill Co.....Sept. 1, 1914
- Sept. 5, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. David Philopelli and Catherine Philopelli to Henry W Jansen.....Sept. 2, 1914
- Sept. 5, 1914—NW BOCANA (North Ave) 309-6 1/2 NE Eugenia Ave NE 26-11xNW 55 ptn Lots 650 and 652. Gift Map No. 3. John Bjorkman to whom it may concern.....Aug. 25, 1914
- Sept. 5, 1914—W COLLINS 150 S Geary, Michele Mortede to Antonio Ferreccio.....Sept. 3, 1914
- Sept. 5, 1914—S JERSEY 139-6 E Church E 75-6xS 114. Robert O and Gladys E Banzhaf to whom it may concern.....Sept. 4, 1914
- Sept. 5, 1914—N SUTTER 100 W Powell, M D Grosh, Louise M Sage, E G Larzelere to William G Gilmore.....Sept. 3, 1914
- Sept. 5, 1914—N NORTH POINT 100 W Broderick N along a line parallel to W Broderick 100 E parallel with North Point 450 S along a line parallel to W Devisadero 600 W along a line parallel to S Bay 450 N along a line parallel to W Broderick 500; N North Point 100 E Pierce N along a line parallel to E Pierce 100 E along a line parallel with North Point — S 600 W 450 N 500 (Courts of Palms and Flowers). Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen.....Sept. 1, 1914
- Sept. 10, 1914—FOLSOM NO. 2148. Jean Allee to Schrader Iron Works.....Sept. 8, 1914
- Sept. 10, 1914—S PIXLEY 112-6 W Webster 24x60. E Filippetti to Montani & Stefanini.....Sept. 10, 1914
- Sept. 10, 1914—W MISSION 30 N Sycamore Ave W 80xN 46-8. Jean Allee to G Carranza, Sept 8, '14; Geo Rehn, Sept 8, '14; H L Petersen.....Sept. 1, 1914
- Sept. 10, 1914—SE TONQUIN AND Baker S 1375x E 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
- Sept. 10, 1914—W JONES 37-6 S Jackson. L D Stoff to L D Stoff.....Sept. 10, 1914
- Sept. 10, 1914—N NEY 25 W Congdon W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....Sept. 1, 1914
- Sept. 10, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. J J and Mary E Silvey to F J Durham.....Sept. 5, 1914
- Sept. 10, 1914—NW MINNA 85 NE 8th NE 40xNW 80. Pacific Gas & Electric Co to Jas S Fennell.....Aug. 31, 1914
- Sept. 10, 1914—NW NEY & CONGDON W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....September 1, 1914
- Sept. 11, 1914—COM. AT INT. OF A line drawn parallel with S 17th, drawn E from Belvedere distant 192-8 1/2 S 17th with a line drawn parallel with E Belvedere being drawn N from Carmel distant 150 E Belvedere S parallel with Belvedere 25-0 1/2 E parallel with 17th 122-1 1/2 m or 1 to Ashbury N along Ashbury 6-6 1/2 N along Ashbury 20-0 1/2 W parallel with 17th 115-1 m or 1. John A Hoots to John A Hoots & Son.....Sept. 1, 1914
- Sept. 11, 1914—W LEAVENWORTH 57-6 N Turk N 50xW 37-6. Elsenbach Co to Higginson Co, Inc.; The General Bldg Work Co, G & M Sheet Metal Works, Edw V Lacey, Atlas Heating & Ventilating Co., California Elec Constr Co, J J Philbin, Mutual Plate & Window Glass Co, A A Zellinsky, C J Hillard Co, Inc., Bill & Jacobsen, Sept. 10, '14
- Sept. 11, 1914—E NINETEENTH AVE 100 S Moraga S 25x E 120. Chas W and Martha C Vaughn to D Houle.....Completed —
- Sept. 11, 1914—N CLEMENT 105 W 15th Ave W 25xN 104-3. M W and J H Cain to whom it may concern.....September 1, 1914
- Sept. 11, 1914—NE WASHINGTON & Presidio Ave E 90-11xN 50. Stella Lovegrove to Shepherd Bros.....September 11, 1914
- Sept. 11, 1914—E TWENTIETH AVE 100 N Ulloa N 33-4x E 120. Parkside Home Bldg Co to whom it may concern.....Sept. 8, 1914

ALAMEDA COUNTY.

- Aug. 1, 1914—LOT 44 North Christiansa Tract, Albany. Emma Westwood to Charles Westwood.....July 31, 1914
- Aug. 1, 1914—W PEARL, bet Encinal and Santa Clara; No. 1339 Pearl St. Ala. Edith T Brooks to whom it may concern.....July 24, 1914
- Aug. 1, 1914—LOT 10 BLK "C" Map Waterside Terrace, Ala. Effie E Stolze to whom it may concern.....July 31, 1914
- Aug. 3, 1914—S 20 FEET LOT 10 and N 20 feet Lot 9 Blk "H" Map Broadway Terrace, Okd. Wm H Jones to whom it may concern.....July 31, 1914
- Aug. 3, 1914—LOT 7 BLK 8 Putnam Tract, Okd. Robert and Elizabeth MacNeur to Patrick Nelson Bldg Co.....Aug. 1, 1914
- Aug. 3, 1914—LOT 8 Map A J Snyder's Shdvn of Telegraph Ave Ppty. Oakland and Berkeley, Mrs R Siler to P H Franks.....July 28, 1914
- Aug. 4, 1914—N CHANNING WAY 235 E Ellsworth E 50xN 130, Bkly. D E Bigelow to whom it may concern.....Aug. 3, 1914
- Aug. 4, 1914—S LINCOLN AVE 300 E Walnut E 50xS 217-8, Alameda, A Mathebat to C C Adams.....Aug. 3, 1914
- Aug. 4, 1914—S SANTA CLARA AVE 182 E Union E 50xS 207-6, Ala. Mrs Sophie Luigen to Powell Bros Constr Co.....July 24, 1914
- Aug. 4, 1914—E CAROLINE 50 S Fair Oaks Ave S 50x E 100, Ala. Edna Merriam to Conrad Roth.....July 31, 1914
- Aug. 4, 1914—E FOOTHILL BLVD 200.61 N 35th Ave N 50-15 E 137.85 S 50 W 103.93, Okd. The Pacific Telephone & Telegraph Co to W G Thornalley.....July 27, 1914
- Aug. 5, 1914—SW TENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Hubert David Samuel and Thos H Price.....July 31, 1914
- Aug. 5, 1914—LOT 5 BLK "E" Map

- 4th Ave Terrace, Okd. Robert L. Blatcher to A T Andersen..... August 3, 1914
- Aug. 5, 1914—N DURANT AVE 453.66 E Telegraph Ave E 50xN 130, Bkly. Sarah S B Reed to E A Janssen..... August 4, 1914
- Aug. 5, 1914—LOT 89 Map Crocker Highlands, Okd. F A Allardt to M E Hopper..... Completed
- Aug. 5, 1914—LOT 22 Map Craig Ppty Piedmont. Rosa Maud Reed to Claude B Barton..... Aug. 4, 1914
- Aug. 6, 1914—LOT 24 BLK 2 Map Steinyard Terrace, Okd. Wm H Sims to whom it may concern..... August 5, 1914
- Aug. 6, 1914—W PIEDMONT AVE 100.25 SE Durant Ave W 137.70 S 50 E 145.07 NW 50.54, Bkly. Geo Tasheira to Wm L Boldt..... July 29, 1914
- Aug. 6, 1914—LOT 30 BLK 2, Berkeley Heights, Bkly. P A Haviland to Cederborg & Anderson..... August 1, 1914
- Aug. 6, 1914—SE JEAN AND ALTA Vista, Oakland Heights, Tract Okd. Marvin M Erown to B A Stewart..... August 1, 1914
- Aug. 7, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguere Co to California Plate & Window Glass Co..... Aug. 4, 1914
- Aug. 7, 1914—LOT 23 BLK 2097 Map Alden Tract at Temescal, Okl. Angelo Tesio to J W Baughman... Aug. 6, 1914—LOT 16 BLK "D" Map Scenic Blvd Knoll, Okd. A W Rudolph to Fletcher & Windlund..... August 4, 1914
- Aug. 7, 1914—LOTS 14 AND 15 BLK 7 Map No. 4, Regents Park, Oakland Tp. Francis E Williams to Wm F Cook..... Aug. 7, 1914
- Aug. 8, 1914—NE ELEVENTH AND Franklin E 100xN 37-6, Okd. Barbara Streit (by Wm Wilde) to C M Ecklund..... Aug. 1, 1914
- Aug. 8, 1914—LOT 22 BLK 9 Map 4th Ave Heights, Okd. A L Calvert to whom it may concern..... Aug. 6, 1914
- Aug. 10, 1914—N FIFTH, bet Adeline and Magnolia, being Nos. 1168-1170 Fifth, Okd. J Gilio to F J Theille..... Aug. 6, 1914
- Aug. 10, 1914—NE ASHBY AVE AND California, Berkeley. E Pordon to Edw Larmer..... Aug. 10, 1914
- Aug. 10, 1914—W PARU 90 N Dayton Ave N 60xW 150, Ala. L R Weinmann to Delano & Randlett..... August 1, 1914
- Aug. 10, 1914—W FORTY-EIGHTH Ave 180 N McIrose, Okd. John G Bennis to Z M Steves..... Aug. 5, 1914
- Aug. 11, 1914—LOT 71 Map Resbvdn Peralta Park, Bkly. Otto Mailanen Paul Gustafson and August Laine to whom it may concern..... Aug. 1, 1914
- Aug. 11, 1914—NW SANTA RAY AVE 350 NE Viona Ave NE 50xNW 110, Okd. J E Parish to M E Hopper & Sons..... Aug. 10, 1914
- Aug. 11, 1914—AUSEON AVE, bet. Olive and Blanch, Moss Auson Tct, Okd. Leigh Beauchamp to Harry C Knight..... Aug. 8, 1914
- Aug. 11, 1914—LOT 10 BLK 3, Claremont, being No. 88 Plaza Drive, Bkly. Caroline Wolbold to Jacob Koilmer..... Aug. 6, 1914
- Aug. 11, 1914—LOT 3 BLK 18 Map Northbrae, Bkly. H W L Knoop to H H Schuessler..... Aug. 10, 1914
- Aug. 12, 1914—SW SIXTEENTH & Clay S 60xW 100, Okd. M Friedman Realty Co to A Knowles..... August 7, 1914
- Aug. 12, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguere Co to E M Coffin..... Aug. 8, 1914
- Aug. 12, 1914—LOTS 1 AND 2 BLK "E" Regents Park No. 3, Bkly. W N Taylor (by J G Taylor) to whom it may concern..... Aug. 10, 1914
- Aug. 13, 1914—LOT 5 BLK 6 Brookdale Terrace, being No. 4511 Walnut Ave, Okd. W C Brown to whom it may concern..... Aug. 12, 1914
- Aug. 13, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguere Co to H L Lass..... Aug. 12, 1914
- Aug. 13, 1914—W COLLEGE AVE 135 S Channing Way S 45xW 120, Bkly. A F Bullock to whom it may concern..... Aug. 13, 1914
- Aug. 13, 1914—W COLLEGE AVE 90 S Channing Way S 45xW 120, Bkly. A F Bullock to whom it may concern..... Aug. 13, 1914
- Aug. 14, 1914—NW TWELFTH AND Grove 112x50, Okd. The Bruguere Co to R Dalziel Jr..... Aug. 12, 1914
- Aug. 17, 1914—W DOVER, 110 S 52nd S 211.82 W 230.19 NW 255.82 E 307.61, Oakland. The Baby Hospital Association to F E Allen..... Aug. 14, 1914
- Aug. 17, 1914—N W 12th and Grove, 112x50, Oakland. The Bruguere Co. to W & J Sloan..... Aug. —
- Aug. 17, 1914—N W 12TH & GROVE, 112x50, Oakland. The Bruguere Co. to C. L. Cummins; Wm. H. Bertsch; Thos. Day Co.; Maxwell Hardware Co..... Aug. 12, 1914
- Aug. 17, 1914—E GRANT, 30 S Berkeley Way, \$88.86 S 30.93 W 91 N 31, Berkeley. E. A. Janssen to whom it may concern..... June 15, 1914
- Aug. 17, 1914—NW OAK & ALAMEDA AVE, 50x100, Alameda. Mrs. H. C. Bennett to L. W. Button..... Aug. 15, 1914
- Aug. 17, 1914—125 FT IN REAR NO. 38 Monte Vista Ave., Oakland. Peter De Vincenzi to G. W. Brown & P. Shueson..... Aug. 17, 1914
- Aug. 18, 1914—NW TWELFTH AND Grove, 112x50, Oakland. The Bruguere Co. to Stobbe & Romak..... Aug. 12, 1914
- Aug. 18, 1914—N 60 LOT 5, BLK 2-1850, Kearny Tract, Berkeley. Florence G. McKibben to Jacob House..... Aug. 17, 1914
- Aug. 18, 1914—LOTS 7 AND 8, Blake Tract No. 3, Berkeley. Frank M. Wilson and John Muldoon to A. J. Webb..... Aug. 8, 1914
- Aug. 18, 1914—LOT 14, BLK. M, Map Northbrae Terrace, Berkeley. Berkeley Development Co to whom it may concern..... Aug. 15, 1914
- Aug. 18, 1914—LOT 11, except 5 ft, Blk 1, Map Grove St. Line Tract, Berkeley. C. H. and D. W. Patterson to whom it may concern..... Aug. 17, 1914
- Aug. 18, 1914—LOT 20, BLK 1, Cragmont, Berkeley. J. U. and Alpha A. De Roca to F. R. Peake Co..... Aug. 18, 1914
- Aug. 19, 1914—E TELEGRAPH AND W Broadway, N 108.83 NW 36.86 S 104 SE 8.70, Oakland. Federal Realty Co. to Arthur Arlett..... July 9, 1914
- Aug. 19, 1914—N FAIRVIEW AVE, 240 E High, 40x120, Alameda. F. N. Strang to whom it may concern..... Aug. 12, 1914
- Aug. 19, 1914—N FAIRVIEW AVE, 280 E High, 40x120, Alameda. F. N. Strang to whom it may concern..... Aug. 12, 1914
- Aug. 20, 1914—NE ELEVENTH AND Franklin, Oakland. Mrs. Barbara Streit to S. F. Elevator Co..... Aug. 18, 1914
- Aug. 20, 1914—LOT 28, BLK 2, Berkeley Heights Tract, Berkeley. George L. Bell to G. R. Whidden..... Aug. 3, 1914
- Aug. 20, 1914—LOT 13, BLK B, Map Golden Gate Homestead, Berkeley. Fred W. and Ida E. Knipschild to H. E. Sullivan..... Aug. 20, 1914
- Aug. 21, 1914—LOT 2-A, BOYD Place, Berkeley. P. O. Boyd to Ernsberger & Dildine..... Aug. 21, 1914
- Aug. 21, 1914—LOT 5 AND E 10 LOT 6, Blk 11, Map Thousand Oaks, Oakland Tp. Patrick-Nelson Bldg. Co. to whom it may concern..... Aug. 21, 1914
- Aug. 18, 1914—S BIRCH ST., being W 16, lot 8 and E 17, lot 9, Map Hager Tract, Oakland. A. E. Wigmore to whom it may concern..... Aug. 17, 1914
- Aug. 22, 1914—LOT 9, BLK "I," Map Bella Vista Park, Oakland. Albert Hammarberg to whom it may concern..... Aug. 11, 1914
- Aug. 22, 1914—E FRANKLIN, 256 N 11th St., E 150 N 65. Thomas S. Williams to David Elms Graham..... Aug. 19, 1914
- Aug. 22, 1914—LOT 10, Map Piedmont Hill, Piedmont. Neil Thom, Jr., to United Home Builders..... Aug. 17, 1914
- Aug. 24, 1914—LOTS 26 and 27, Map Snyder Tract, Berkeley. A. E. Turner to whom it may concern..... Aug. 24, 1914
- Aug. 24, 1914—NE TENTH & MADISON, Oakland. Loewe & Faust to whom it may concern..... Aug. 22, 1914
- Aug. 15, 1914—NW TWELFTH AND Grove, 112x50, Okd. The Bruguere Co to L D Frazee..... Aug. 8, 1914
- Aug. 26, 1914—SW S P RAILROAD and Park street, Oakland. H. G. Prince Co. to Alex C. Wiaben..... Aug. 24, 1914
- Aug. 27, 1914—1614 SPRUCE ST., Berkeley. Thomas A. Cuthill to Frank Button..... Aug. 24, 1914
- Aug. 27, 1914—LOTS 20 & 21, Geo. W. Austin's subdivision, block D, Vernon Park Tract, Oakland. Minnie and Howard W. Williford and C. A. Menker to whom it may concern..... Aug. 17, 1914
- Aug. 28, 1914—LOT 38 Piedmont Manor, Piedmont. Walter H. Creighton to whom it may concern..... August 27, 1914
- Aug. 29, 1914—SW TENTH AND Franklin, W 75xS 75, Oakland. Geo. E. and Selena E. Ellis to Victor Engineering Co..... Aug. 24, 1914
- Aug. 29, 1914—COR ALLSTON WAY and Harold Way, 100x110, Berkeley. Berkeley Elks' Hall Association to Walter Sorensen..... Aug. 29, 1914
- Aug. 29, 1914—W BROADWAY, 125 N Elrinie, N 25xW 127-8. E. and M. Cianciarulo to Wm. J. Baccus and F. T. Kennedy..... Aug. 29, 1914
- Aug. 29, 1914—E TELEGRAPH AND W Broadway, N 108.83 NW 36.86 S 104 SE 8.70, Oakland. Federal Realty Co. to N. Clark & Sons..... July 13, 1914
- Aug. 29, 1914—LOT 3, Map Craig Property, Piedmont. C. M. and Zarda L. Blabon to C. M. Blabon..... Aug. 20, 1914
- Aug. 31, 1914—S DURANT 100 W Elsworth S 130xW 50, Bkly. Mrs. H J Merritt to Ben Pearson..... August 29, 1914

Aug. 31, 1914—LOT 23 BLK "H" Map Broadway Terrace, Oakland. E J Roberts to whom it may concern.....August 27, 1914
 Aug. 29, 1914—LOT 9 & 1/2 LOT 8, block 1, Waterside Terrace, Fernside Boulevard, Alameda. J. H. McEvoy to Ellingson & Holt.....August 29, 1914
 Sept. 1, 1914—S SANTA CLARA AVE. 250 E Chestnut, Alameda. Annie C Muller to Conrad Roth.....Aug. 28, '14
 Sept. 1, 1914—NW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Clinton Fire proofing Co.....August 25, 1914
 Sept. 1, 1914—LOT 33 BLK 18 Map Northbrae, Bkly. Grace C Woodhurn to whom it may concern.....September 1, 1914
 Sept. 1, 1914—LOT 10 Map Dimond Vista, Okd. Paul E Woodburn to whom it may concern.....Sept. 1, 1914
 Sept. 2, 1914—THIRTY-EIGHTH 335 E Broadway, Okd. George H Tyson to Earl Saxton.....Aug. 20, 1914
 Sept. 2, 1914—E 41.06 LOT 29, Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....Sept. 2, '14
 Sept. 2, 1914—W CASTRO (if extended S 1/2) 80 S First W 456.03 S 300 E to Castro (if extended S) N to Pt of beg. Okd. Pacific Gas & Elec Co to Duncanson-Harrelson Co, Inc.....August 25, 1914
(CORRECTION)
 Sept. 3, 1914—LOT 44 BLK "C" Map Fourth Avenue Terrace, Okd. E W Woodard to whom it may concern.....Sept. 3, 1914
 Sept. 4, 1914—NE DERBY & TELEGRAPH Ave, being No. 2643 Telegraph Ave, Bkly. Richard T Kennedy to P G MacIntyre.....Sept. 1, '14
 Sept. 4, 1914—LOTS 1 AND 2 BLK "F" Map Bryon Jackson Iron Works Ppty, Bkly. Matilda Palmroos and Mary Neska to Gustaf Johanson.....August 29, 1914
 Sept. 4, 1914—NE ELEVENTH AND Franklin E 100xN 37-6, Oakland. Barbara Streit by W Wilde to H F Lass.....Sept. 1, 1914
 Sept. 5, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co (by P J Walker Co) to Western Iron Wks.....Aug. 27, '14
 Sept. 8, 1914—LOTS 28 AND 29 Map Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....Sept. 8, 1914
 Sept. 8, 1914—S FIFTEETH 41.06 W Lawton W 38xS 92, Okd. Chas McArthur to whom it may concern.....Sept. 8, 1914
 Sept. 11, 1914—S HOPKINS 150 W 13th Ave, Okd. Thilia A Record to F N Fabing.....Sept. 10, 1914
 Sept. 11, 1914—LOT 12 BLK 3 Claremont Park, Bkly. Caroline Wolbold to Jacob Kolmer.....Sept. 10, 1914
 Sept. 11, 1914—E THOMAS 37-1 N Napa, Okd. Chas G Helstrom to whom it may concern.....Sept. 10, 1914
 Sept. 11, 1914—SW BELVEDERE & Ygnacio Ave, Okd. James Rountree to whom it may concern.....Sept. 3, '14

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Aug. 4, 1914—LOT 21 BLK 31 Naglee Park Tract, San Jose. Bettie Williams to whom it may concern.....August 3, 1914
 Aug. 6, 1914—LOT 8 Maybury Tract,

San Jose; No. 547 N-Third St. Thos Lynn to C F Koessling.....Aug. 1, 1911
 Aug. 6, 1914—E THIRTEENTH, bet. San Francisco and San Antonio Sts., San Jose. F O Reed to Geo Lindholm.....July 31, 1911
 Aug. 7, 1914—NR COR. CHANNING Ave and Cowper, Palo Alto. American Unitarian Church to H L Upham.....August 6, 1914
 Aug. 10, 1914—12.54 ACRES, being part of Lot 49 of Shdyn Lot 2 of Taaffe Partition, Santa Clara Co. W H Little to O Capell, F M Hayman and Geo Holding (as Western Builders).....August 5, 1914
 Aug. 10, 1914—NO. 485 S-SIXTEENTH St., San Jose. Mary E Hawtett to W R Latta.....August 8, 1914
 Aug. 12, 1914—PART OF LOTS 4 & 5 Blk 54, Naglee Park Tract, San Jose. F O Nelson to whom it may concern.....August 8, 1914
 Aug. 13, 1914—W LUPTON AVE, bet. Minnesota and Pine Aves, in the Willows, San Jose. W W Kellerman to P T Jorgenson.....Aug. 12, 1914
 Aug. 13, 1914—GOR COR. ORANGE and Lincoln Aves, Los Altos. The Protestant Episcopal Bishop to H J Ross.....August 6, 1914
 Aug. 14, 1914—LOT 1 BLK 81, Survey 4 of the Naglee Park Tract, San Jose. Mrs H V Kinsell to B F Richards.....August 10, 1914
 Aug. 14, 1914—LOT 4 BLK 4 Electric Tract, Santa Clara. M C Botelho Jr to Frank Neves.....August 9, 1914
 Aug. 17, 1914—LOT 50 Cleaves Tract, H D Balliet to whom it may concern.....August 17, 1914
 Aug. 18, 1914—LOT 1 BLK 8 RANGE 5, West Mace Addition, San Jose. I Santoro to whom it may concern.....August 17, 1914
 Aug. 24, 1914—16 ACRES ON HOMEstead Road, just E of Burrell Ppty. F B Bailly to H W Dangerfield.....August 24, 1914
 Aug. 26, 1914—LOTS 8 AND 9 McCullough Tract, Santa Clara Co. Lydia B Crider to A Jensen.....August 17, 1914
 Aug. 27, 1914—ON SANTA CLARA ST, bet. 5th and 6th Sts., San Jose. Wm Saxton to Shottenhamer Bros.....August 1, 1914
 Aug. 27, 1914—S SANTA CLARA, bet. 5th and 6th Sts., San Jose. Wm Sexton to Shottenhamer Bros.....August 1, 1914
 Aug. 27, 1914—STANFORD CAMPUS, Stanford University. Stanford University to E E and J J Castle Co.....August 24, 1914
 Aug. 28, 1914—LOT 22 PART LOT 23 Blk 13, South Palo Alto Seale Add'n Mrs L James to Albert Cooke.....August 21, 1914
 Aug. 28, 1914—DELTA KAPPA EPSILON Frat Ppty, Stanford University. H J Edwards to H J Ross.....August —, 1914

MARIN COUNTY.

RECORDED ACCEPTED
 Sept. 11, 1914—HARCOURT AND I Sts., San Rafael. Mrs N S Halsey to W W Rednall.....Sept. 8, 1914

NEW USES FOR QUICKSILVER.

The quicksilver production of the world during 1913 is estimated at 4,771 metric tons, against 4,262 tons in 1912,

and 4,083 tons in 1911. The countries of production last year were: United States, 688 tons; Austria-Hungary, 855 tons; Italy, 988 tons; Spain, 1,190 tons. Mexico and others, 150 tons. These figures were gathered by the United States Geological Survey.

Quicksilver is used mainly in the manufacture of fulminate for explosive caps, of drugs, of electric appliances and scientific apparatus, and in the recovery of precious metals, especially gold, by amalgamation. A new use in Scotland is the floating of lights of lighthouses upon a body of quicksilver. A use in England, in the United States, and possibly elsewhere is the coating of ships' bottoms with a paint containing quicksilver to prevent organic growth. Mercuric oxide (red oxide of mercury) is the active poison in anti-fouling paint successfully used on ships' bottoms. The metal appears to be but little employed in silvering mirrors, as nitrate of silver is now chiefly used for the purpose. Increasing use of quicksilver is probably to be expected in the manufacture of electrical appliances and of fulminates, and possibly of paints for protective coatings on metals. The demand for quicksilver for amalgamating gold and silver has greatly decreased, as is well known, with the decreased supply of free milling ores and the increased application of cyanidation to gold and silver ores. Industrial chemistry and inventive genius are to be looked to for increasing the demand.

The peace demonstration at Berkeley on the Anniversary Day of the Star Spangled Banner would have been of more value if William Randolph Hearst had kept his nose out of it. For self respecting people hesitate to take up a thing which is shouldered by him and where he will claim all the credit if anything good happens to come of it or will immediately turn around and censure it if it fails. Nothing in this world can happen unless the name of Hearst is blazoned across the face of it like the whiskey advertisement on the face of a granite mountain.

LIME FIRST USED 2668 AGO.

The use of lime as binding material for mortar originated in the remote past. It is probable that some savages when using limestone rocks to confine their fire noticed that the stones were changed by the action of heat. A passing shower may have slaked the lime to a paste, and they discovered that the paste was smooth and sticky and was a better material than clay to fill the crevices in their crude dwellings. From this discovery it was but a step to add sand to the paste in order to produce mortar.—U. S. Geological Survey.

Engineers estimate the available water power of Oregon as more than 12,000,000 horsepower.

Java last year produced 2,298 troy pounds of gold.

The rate of growth of mahogany is shown in southern Nigeria, where the site of a town destroyed sixty years ago has been covered with a forest containing mahogany trees, some of which are more than ten feet in diameter.

LIENS and RELEASES

SAN FRANCISCO COUNTY.

Aug. 1, 1914—W EIGHTEENTH AVE 125 N Clement N 25xW 120 (Record 67 lns 203). Ernest and Albin Warden (as Warden Bros) vs E F Helms.....\$100

Aug. 1, 1914—W FORTY-EIGHTH AVE 250 S Irving S 75xW 120. Columbia Lumber Co vs Ida M Cambridge and Geo V McCausland.....\$1256.29

Aug. 1, 1914—W FORTY-EIGHTH AVE 250 S Irving S 75xW 120; N Judah 157-6 E 48th Ave E 50xN 100. J H Kruse vs Ida M Cambridge & Geo V McCausland.....\$750.52

Aug. 3, 1914—N MISSION 343-43 W Seventh W 31-7 1/4xN 165. Thomas G Wyatt and Chas Wyatt (as Wyatt Bros) vs Neil A McLean and Talbot Investment Co.....\$187.50

Aug. 4, 1914—S GEARY 137-6 E Mason E 112-6xS 137-6. Wyatt Bros vs Neil A McLean and Stewart Est Co.....\$499.50

Aug. 5, 1914—S GEARY 137-6 E Mason E 137-6xS 137-6. Fibrestone & Roofing Co vs Stewart Estate Co and Neil A McLean.....\$248

Aug. 5, 1914—S GEARY 137-6 E Mason E 137-6xS 137-6. Taylor & Co, \$1758.10; W P Fuller, \$1876.47 vs Stewart Est Co & Neil A McLean

Aug. 6, 1914—N ARMY 130 E Twin Peaks Ave. O Chna vs W D Lambert and Geo C Wright.....\$100

Aug. 6, 1914—S GEARY 137-6 E Mason E 75xS 137-6. R Ringrose and James Ringrose (as R Ringrose & Son) vs Chas A Stewart and Neil A McLean.....\$584.92

Aug. 7, 1914—N MISSION 343-43 W Seventh W 31-7 1/4xN 165. Santa Cruz Portland Cement Co vs Neil A McLean.....\$2495.98

Aug. 7, 1914—S GEARY 137-6 E Mason E 137-6xS 137-6. Pope & Talbot, \$298.24; United Material Co, \$17.50 vs Stewart Est and Neil A McLean

Aug. 7, 1914—E ARKANSAS 191 N 22nd. The Greater City Lumber Co vs Michael and Delia Allen.....\$2130

Aug. 7, 1914—S GEARY 137-6 E Mason E 137-6xS 137-6. Santa Cruz Portland Cement Co vs Neil A McLean.....\$610.53

Aug. 10, 1914—S GEARY 162-6 W Powell W 112-6xS 137-6. Muir & Symon, Inc vs Niel McLean and Stewart Estate Co.....\$40

Aug. 11, 1914—W EIGHTEENTH AVE 125 N Clement N 25xW 120. M. Schimetschek vs E F Helms.....\$45

Aug. 11, 1914—NW MISSION 343-43 SW 7th S 31-7 1/4xNW 165. R Ringrose & Son vs Talbot Invest Co and Neil A McLean.....\$175

Aug. 11, 1914—E NINTH 75 N McLean Court, bet Harrison and Bryant Lot 25x100. J A Hill vs R H Morgan.....\$133.50

Aug. 12, 1914—N BUSH 137-6 W Jones W 68-9xN 137-6. Grant Fee vs Mrs Lizzie H Glide.....\$6882.77

Aug. 15, 1914—LOT 28 Map A J Snyder's Piedmont Terrace-by the Lake, Okd. Hlogan Lumber Co vs

Fred Peters and Louis Bernstein.....\$707.06

Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6xE 100. Oakland. Hogan Lumber Co. vs. Ernest Andersen and Barbara Streit...\$2398.69

Aug. 20, 1914—NW GRAND and Elwood Ave., W 109.03 NE 34.33 SW 105.85 S 43.06, Oakland. Atkinson Mill and Mfg. Co. vs. Louis Bernstein and Fred Peters...\$442.80

Aug. 20, 1914—NE ELEVENTH and Franklin, N 37-6 E 100, Oakland. Hogan Lumber Co. vs. Ernest Andersen and Barbara Streit...\$2398.69

Aug. 28, 1914—LOTS 58 & 59 BLK 7, Map No. 4, Regents Park, Oakland Tp. Bruce Lumber and Mill Co. vs. John Larson, D. Buckley and R. Duttkie, Jr.....\$332.42

Aug. 28, 1914—SW MARKET & 14th, W 125xS 89-6, Oakland. Pacific Fuel and Building Material Co. vs. Dora Meese and N. J. Lindstrom.....\$77.40

Aug. 31, 1914—W FORTIETH AVE 175 S Lincoln Way S 25xW 87-6. J H Kruse vs Peter Michel and Geo V McCausland.....\$32.22

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. H Maundrell, \$850 A Fry, \$512; Burnham Plumbing Co, \$451 vs Geo C Sargent, Helen M Sargent and F J H Rickon.....\$25.22

Sept. 2, 1914—S LAKE 82-6 E 24th Ave S 100 E 50 N 100 W 50. Anderson Bros Planing Mill & Mfg Co vs George C and Helen M Sargent and Fred J H Rickon.....\$873.20

Sept. 1, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Ralston Iron Works, Inc vs Fred J H Rickon, George C Sargent and Helen M Sargent.....\$204

Sept. 2, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Loop Lumber Co vs H W Jansen, David Philippelli, Jane Doe Philippelli, Peter J M Bertelsen and Andrew Bertelsen.....\$207.63

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Kirwan & Donovan, \$15; J K Stewart, \$150 vs George C and Helen M Sargent and Fred J H Rickon.....\$5

Sept. 2, 1914—E TWENTY-FIRST AVE 300 S Lincoln Way S 25xS 120. Bauer Fixture Co vs Angelita Lindsey, Robert E Lindsey and MacArthur Bros.....\$50

Sept. 3, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. James Cantley vs Geo C Sargent, Helen M Sargent and Fred J H Rickon.....\$85

Sept. 3, 1914—SW EVANS AVE 50 NW Alvord NW 25xSW 100. Henry Hinricks vs Janet and Angus McLeod.....\$297.25

Sept. 4, 1914—W SANCHEZ 86 S 25th S 28xW 76-9. N O Nelson Mfg Co vs Timothy J and Bridget J Carmody and H O Bowen.....\$40.60

Sept. 4, 1914—SE PRECITA AVE & Florida Ave SW 25xSE 80. New Era Marble & Concrete Co vs John Eliason, Bergetta Eliason and Johnson & Olsen.....\$163.60

Sept. 4, 1914—S SLOAT BLVD extended 204 W from E line of Great Highway S 250 W to Pacific Ocean N to Sloat Blvd extended E to beg. Fred Titt & Son vs Christofferson Aviation Co, Cpn & Spring Valley Water Co.....\$724.94

Sept. 4, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. N O Nelson Mfg Co vs H O Bowen.....\$207.09

Sept. 4, 1914—E EIGHTEENTH AVE 200 S Anza S 25xE 120. N O Nelson Mfg Co vs Frank Lapham and H O Bowen.....\$52.60

Sept. 4, 1914—W FIFTEENTH AVE 78-11 N Clement N 25xW 120. N O Nelson Mfg Co vs Mrs R Gasque and H O Bowen.....\$122.04

Sept. 4, 1914—W NINETEENTH AVE 160 N Clement N 25xW 120. Eureka Sash, Door & Moulding Mills vs David Philippelli, Jone Doe Philippelli, Henry W Jansen, Peter J M and Andrew Bertelsen.....\$400

Sept. 4, 1914—E FIFTEENTH AVE 60 S Anza S 25xE 120. N O Nelson Mfg Co vs Leigh & Schultz and H O Bowen.....\$62.65

Sept. 1, 1914—W TWELFTH AVE 175 S Anza W 120xS 25. N O Nelson Mfg Co vs W D Ball & H O Bowen.....\$175.78

Sept. 5, 1914—S BUSH 87-6 E Polk 63-6x120. San Francisco Elevator Co vs Ferguson & Locke Co and E L Hueter.....\$662.80

Sept. 8, 1914—SW TACOMA & 15th Ave S 25xW 120. J H Franks and S F Johnson vs Edith S Isaacs.....\$505

Sept. 8, 1914—NW TACOMA & 15th Ave N 25xW 120. J H Franks and S F Johnson vs I I Cummings.....\$443.13

Sept. 10, 1914—NE FULTON and Parker Ave E 175xN 275. Michael & Pfeffer vs St. Ignatius College, John J Hughes, Emery J Nutting & Patrick J Sullivan Jr as Spencer Street Planing Mills.....\$867.40

ALAMEDA COUNTY.

Aug. 1, 1914—N EIGHTY-THIRD AVE 80 SW Birch SW 40xNW 130, Okd. Robt Elliot vs R G and H B Courreges.....\$111.58

Aug. 1, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert F Norling vs W S Bliss and George M White.....\$39

Aug. 3, 1914—W CAMPBELL 54 S 9th S 54xW 102-6, Okd. Downey Cavasso, Glass & Paint Co vs Cooper's Atherton M E Zion Church and A Ivaness.....\$45.24

Aug. 4, 1914—SW MONTE VISTA AVE 61-36 NW Pala Ave NW 50xSW 125, Piedmont. Peter Fugel \$170; W P Fuller, \$124 vs W S Bliss.....\$42.20

Aug. 4, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Robert Howden vs W S Bliss and George M White.....\$42.20

Aug. 4, 1914—W CAMPBELL 54 S 9th S 54xW 102-6, Okd. John M Dale (Dale & Anderson) vs Coopers African M E Zion Church, J N

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Aug. 6, 1914—LOT 75 Amended Map Alta Piedmont Tract. Geo W Taylor vs W S Bliss and Geo M White\$622.81
Aug. 6, 1914—LOTS 339 AND 340 Map Stone Orchard, Stonehurst, Okd. Hogan Lumber Co vs William Fried\$111.60
Aug. 5, 1914—LOT 75 Amended Map Alta Piedmont Tract, Piedmont. Hogan Lumber Co, \$1854.12; Germanstone Mfg Co, \$146; S J M Coates, \$79.25; Inland Floor Co, \$240 vs Geo W White and W S Bliss... Owner.....Wm. H. Crocker, S. P.
Aug. 10, 1914—LOT 26, except NW 96 Blk 16, Boulevard Park, Okd. G H Andrews vs O M Bullock.....\$37.20
Aug. 10, 1914—LOT 5 BLK 29 Map Melrose Heights, Okd. Wm Le Baron vs E A C Postel.....\$200
Aug. 12, 1914—NW GRAND AND Elwood Aves W 109.03 NE 34.33 SW 165.85 S 43.06, Okd. Union Floor Co vs Louis Bernstein and Fred Peters\$171.55
Aug. 12, 1914—N FOURTEENTH 149 W Center W 80.05 N 25 NE 78.15 E 60.57, Okd. Hogan Lumber Co vs Wallace Clark.....\$190.11
Aug. 13, 1914—N FOURTEENTH 90 W Center W 179 NE 104.2 E 116.57 S 100, Okd. W P Fuller & Co vs Wallace Clark\$197.61
Aug. 13, 1914—N DURANT AV 453.66 E Telegraph Ave E 50XN 130, Bkly. J J Sullivan vs Sarah S B Reed, E A Janssen and J W Gaba.....\$78.25
Aug. 12, 1914—W TWELFTH AVE 75 S Anza S 25xW 95; W 12th Ave 175 S Anza S 25xW 120. McGlinchey & Monaghan vs A R Lapham and R McLelland\$183.58
Aug. 13, 1914—N MISSION 343-43 W Seventh W 31-74xN 165. Pacific Mfg Co vs Talbot Invest Co and N A McLean\$473
Aug. 17, 1914—N MISSION, 343-43 W 7th, W 31-74xN 165. Frazier-James Company vs. Talbot Imp. Co., Neil A. McLean\$648
Aug. 17, 1914—N MISSION, 343-43 W 7th W 31-74xN 165. Woods & Huddart vs. Talbot Investment Co. and Neil A. McLean\$2,650
Aug. 18, 1914—N MISSION 343-43 W 7th, W 31-54 N 165 E 31-74 S 165. Bay Development Co. vs. Talbot Investment Co. and Neil A. McLean\$117.65
Aug. 19, 1914—W EIGHTEENTH Ave., 125 N Clement, N 25xW 130 Elwood L. Walter vs. S. F. Helms and E. N. Lapham.....\$74.80
Aug. 19, 1914—S HAYES, 165 W Laguna, W 25xS 100, A. Lettich vs. F. J. Durham, J. J. and M. E. Silvey.
Aug. 21, 1914—NW LYON AND TONQUIN, W 400 N 250 E 450 S 250. C. W Withington vs. Panama-Pacific International Exposition Commission, State of New York; Norman E. Mack, Arthur A. McLean, Joseph B. Mayer, Winfield A. Huppuch, Jas A. Foley, Thomas H. Cullen, James J. Frawley, Geo. H. Cobb, John F. Murtaugh, Thos. H. Bussey, John R. Yale, Geo. H. Whitney, Alfred E. Smith, Daniel D. Frisbie, Frank L. Young, Daniel L. Ryan, Secretary; William Leary, Assistant Secretary; and Neil A. McLean\$114.10
Aug. 21, 1914—N MISSION, 343-43 W 7th, W 31-74 N 165 E 31-74 S 165. Pope & Talbot vs. Talbot Inv. Co. and Neil A. McLean.....\$2138.65
Aug. 21, 1914—SW LYON AND TONQUIN, N 400 S 250 E 45 W 250. The Paraffine Paint Co. vs. Neil A. McLean, State of New York Panama-Pacific International Exposition Commission\$779.80
Aug. 21, 1914—NW LYON AND TONQUIN, W 450x250. Pope & Talbot, \$11,174.08. Forderer Cornice Wks., \$1,100 vs. Panama-Pacific Exposition Commission, State of N. Y., Commission, State of New York, Norman E. Mack, Arthur A. McLean, Jas. B. Mayer, Winfield A. Huppuch, Jas. A. Foley, Thos. A. Cullen, Jas. J. Frawley, Geo. H. Cobb, John F. Murtaugh, Thos. H. Bussey, John R. Yale, Geo. H. Whitney, Alfred E. Smith, Daniel D. Frisbie, Frank L. Young, Neil A. McLean\$64.01
Aug. 22, 1914—W HYDE, 127-6 N Sutter, N 40 W 95 S 10 W 42-6 S 30, E 137-6 Durable Paint and Color Co. vs. G. Goldberg and I. Rosenberg\$225
Aug. 22, 1914—SW PRECITA AVE. and Florida, SW 25xSE 80. Christ Twedall vs. John and Bergetta Eliassen and Johnson & Olson\$75
Aug. 24, 1914—W EIGHTEENTH Ave. 125 N Clement, N 25xW 120. Andrew O. Wagner vs. E. J. Helms\$38
Aug. 24, 1914—W EIGHTEENTH Ave. 125 N Clement, N 25xW 120. Mission Plate and Window Glass Co. vs. E. H. Lapham and E. J. Helms\$10
Aug. 24, 1914—N MISSION, 313-43 W 7th, 31-74xN 165. Eva Mordecai as Eureka Teaming Co. vs. Talbot Inv. Co. and Neal A. McLean.....\$325
Aug. 26, 1914—N JUDAH, 157-6 E 48th avenue, E 25xN 100; N Judah 132-6 E 48th avenue, E 25xN 100. Eureka Sash Door and Moulding Mills vs. Ida M. Cambridge and George V. McCausland.....\$351.22
Aug. 24, 1914—W EIGHTEENTH Ave. 125 N Clement, N25xW 120. M. H. Ginecco vs. E. F. Helms and Edward N. Lapham\$65
Aug. 26, 1914—W EIGHTEENTH AV. 125 N Clement, N 25xW 120. Acme Lumber Co., \$193.57; Reinhardt Lumber and Pl. Mill Co., \$261.86. vs. Edw. N. Lapham, Fern R. Lapham, E. F. Helms\$65
Aug. 26, 1914—W EIGHTEENTH AV. 125 N Clement, N 25xW 130. Howard Himes, \$128.83; A. Sundberg \$51.80 vs. E. F. Helms, E. N. Lapham\$49.56
Aug. 26, 1914—N JUDAH ("JP") 157-6 E 48th avenue, E 25xN 100. A. Consani, \$49.56; H. C. Mulvaney, \$78.50 vs. Ida M. Cambridge and Geo. V. McCausland\$49.56
Aug. 26, 1914—W EIGHTEENTH AV. 125 N Clement, — 25 W 130 S 25 E 130. Phil Wescendunk, \$166; Otto Norwall, \$88; vs. E. N. Lapham and E. F. Helms\$49.56
Aug. 26, 1914—N JUDAH (J) 182-6 E 48th avenue, E 25xN 100. A. Consani vs. Ida M. Cambridge and Geo. V. McCausland\$49.56
Aug. 26, 1914—N JUDAH, 132-6 E 48th avenue, E 75xN 100. Columbia Lumber Co. vs. Ida M. Cambridge and Geo. V. McCausland.....\$943.23
Aug. 28, 1914—W FORTIETH AVE., 175 S Lincoln Way, 25x100. A. Consani to Peter, Michel and Geo. V. McCausland\$80.50
Aug. 29, 1914—LOTS 13 & 14, BLK M, Map subdivision block M, Roberts & Wolfskill Tract, Oakland. M. C. Vaughn vs. G. J. Capelini\$53
Aug. 31, 1914—W GAMBIER 50 N Ploche N 25x W120 Blk 135 University Ex Hd Ass'n. Redwood Manufacturers Co vs Joseph C Stromswold, Catherine, Robert S. Alice J. Mary C and Genevieve Brown\$63.70
Aug. 31, 1914—NE FULTON AND Parker Ave. Western Brass Mfg Co vs R Brandline & Co. The President and Board of Directors of St. Ignatius College\$29.10
Sept. 2, 1914—LOTS 20 AND 21 Geo V Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. Leo V Gelder, \$118; A P Gailard and G D Cooper (California Roofing Co), \$40 vs Howard and Minnie Williford and C A Menker.....
Sept. 2, 1914—LOTS 5 AND 6 Map

Fruitvale Vista Tract, Okd. F M Dreisbach (Zenith Mill & Lumber Co) vs Charles E. Murdoch, A T Norwich and C C Hays.....	\$159.86
Sept. 2, 1914—SE MANILA & GLENDALE Aves, being No. 2516 Manila Ave, Okd. Herman Brodlew vs E L Menker and Howard Williford.....	\$38.50
Sept. 3, 1914—LOT 56 Map Gorrih Glen, Okd. Spott Bros vs M O Briggs and W A Walker.....	\$245
Sept. 3, 1914—FOURTEENTH AVE NO. 3418, Okd. Spott Bros vs W A Walker and Perry E Baird.....	\$225.80
Sept. 3, 1914—NW TWENTY-4TH & Okd. J B Sprague vs O C and Julia Bay Place, being Nos. 252-4-6 24th, Bryan.....	\$25
Sept. 3, 1914—S FIFTIETH 35.84 E Lawton Ave E 45xS 90, Okd. Spott Bros vs W A Walker and J M Gonzalez.....	\$241.95
Sept. 1, 1914—LOTS 20 AND 21 Map Geo W Austin Sbdvn Blk "D" Map Vernon Park, Okd. Swift & Wilcox vs C A Menker, H L Menker, H W Williford and L E Dagle.....	\$175
Sept. 5, 1914—W FIFTH, bet Adeline and Magnolia; being Nos. 1168-70 Fifth, Okd. Sunset Lumber Co vs Gio Gilio and E J Theille.....	\$374.32
Sept. 5, 1914—S ELAL (or 24th) 350 W Telegraph Ave S 140.6 W 30 N 140 E 50, Okd. McCreery & Sampson vs M M Horn.....	\$2250
Sept. 5, 1914—NE MANILA AVE, being Lots 20 and 21 Map Geo W Austin's Sbdvn Blk "D." Map Vernon Park Tract, Okd. J A Turgeon vs C A Menker and Howard W Williford.....	\$100
Sept. 5, 1914—LOTS 14 AND 15 BLK 7 Map No. 4, Regents Park, Bkly. John P Maxwell vs W F Cook, Francis E Williams and Alameda County Loan Ass'n.....	\$124.45
Sept. 5, 1914—LOT 25 Map North Christiana Tract, Albany. Spott Bros vs W A Walker and Karin Johnson.....	\$190
Sept. 8, 1914—NE FOURTEENTH & Peralta, Okd. A J Hillan vs Wallace Clark.....	\$276.15
Sept. 8, 1914—LOTS 20 AND 21 BLK "D" Map Vernon Park Trct, Okd. C P Hunter and C H McCoy vs H M and M Williford.....	\$32.50
Sept. 8, 1914—N FOURTEENTH 90 W Center 179 to SE Peralta NE 104.2 E 116.57 S 100, Okd. A J Hillan vs Wallace Clark.....	\$276.15

RELEASE OF LIENS.

SAN FRANCISCO COUNTY.

Sept. 5, 1914—NE FULTON AND Parker Ave. Western Brass Mfg Co to R Brandelin & Co and The President and Board of Directors of St. Ignatius College.....	
Aug. 28, 1914—LOTS 19 & 20, BLK H, Mission Street. Henry Ernst & Sons to E. Restani.....	

ALAMEDA COUNTY.

RECORDED	AMOUNT
Sept. 8, 1914—PTN BLK 27 Map of San Lorenzo N Main, bet Blk 27 and right of way Central Pacific Railway. George P Bower to Catherine Jane Mauley.....	\$200
Sept. 8, 1914—LOTS 58 AN 59 BLK 7 Map 4, Regent Park, Okd. Bruce Lumber & Mill Co to John Larsen, D Buckley and R Dutke.....	\$333.42

The awful consequence of the present war are too appalling to speculate upon. Most of us had come to believe that such a thing as the present strife was impossible. It has been forced upon us, however, by the robber barons of Europe and the common people are now engaged in a life and death struggle brought on by the machinations of mediaeval kings. That it may not be death of progress is devoutly to be hoped. That the foundations of moral progress are developed in the human race is the opinion expressed by the Editor of the Scientific American in an editorial in the current issue which is here submitted and which is entitled

THE GREAT PARADOX.

The huge war now raging in Europe is the inevitable outcome of the unsymmetrical development of the mind of man. Perhaps the leading country of the world in the sciences and the arts is Germany. Certainly the leading country in the world in developing an aggressive and militarist policy is Germany. She is at once the most enlightened and the most reactionary of the greater nations of the earth. She is, above all other countries, the living embodiment of that monstrous paradox we call the advancement of science. Our progress in the control of nature for the benefit of mankind has been equalled only by the splendid intelligence with which we have perfected means of slaying one another. We learn how to abolish a disease and simultaneously invent a dreadnought. As scientific men, while half of us work for the establishment of heaven upon earth, the other half strengthens the possibilities of an increasingly ghastly hell. We approach the millennium and Armageddon along parallel roads.

This towering paradox will now be resolved. The destructive half of mankind have beaten their brethren in the race. The war lords triumph over the apostles of peace. For the moment the service of the devil, takes precedence over the service of God. But only for the moment. Clever and energetic as they have been, the destroyers have not been clever and energetic enough. The foundations of peace are too firmly laid. The fear that civilization is now rocking to its fall is a fear without justification. The war will progress from horror to horror and with it the disgust and anger of the people will deepen. The foolishness of war! More and more will this thought permeate the consciousness of the whole world. Already this view is clearly expressed by countless men throughout Europe. As they suffer more they will see more clearly, and when this war ends there will be no more wars. We are not witnessing the triumph of the destroyers. We are witnessing their vast collective suicide. As ruthless as they have been in war, so shall we be ruthless for peace. At present we play their game; we fight, because fight we must. But after — there shall be no more war lords. The paradox will be resolved. Science shall no longer ignobly serve the forces of destruction, but, released from this dire bondage, shall bend all its energies to the task of making this fair world more beautiful and more secure. The savage, trained and equipped, shall no

longer preside at our councils. His day is over. His last and greatest attempt at dominance shall result in his utter overthrow and destruction, whatever be his nationality; and the race of the future will be a race of civilized men, united by the bonds of mutual interest and appreciation and developing their powers in concord in the security accorded by an agreed and permanent world-peace.

Referring to the effective operation of the Workmen's Compensation Acts, the report of the joint commission of the National Civic Federation and the American Federation of Labor, gives ample proof of their wisdom. According to the statement of Chairman Crownhart of the Wisconsin Industrial Commission, although the law in that State is elective, for the month of December 1913, 95.9 per cent of all accidents happening in the industries of Wisconsin were under compensation.

Everywhere, a good compensation law attracts both employers and employees. Twenty-four states have the system. Only three have a compulsory act—California, Ohio and New York, the latter for certain dangerous employments only. The others have "elective acts"—acts which apply only where the workers and employers choose to come in and be bound by them. The report of the commission above referred to (printed by the federal government) says:

"Even elective acts have been so generally accepted by employers and employees in states where they are in force that in those instances a vast majority of industrial accidents are covered."

Of another important point, the commission's report says:

"Litigation so far as accidents to workmen are concerned, has been practically eliminated in the states in which compensation acts have been generally accepted by employers. About 2 per cent only of the compensation cases are disputed so as to require arbitration; not more than ten cases out of ten thousand compensation cases have gone into the courts. The payments of compensation to employees are prompt and usually commence at the end of the second or third week, and where arbitration is had the payments are not delayed on an average more than three or four weeks."

This is certainly a contrast with the laws delays in the trial courts, the varying opinion of judges, the appeals and defenses of contributory negligence, the fellow servant rule and assumption of risks and the hundred and one other impediments that tack on useless costs to the expense of recovery.

The Germans point with pride to the fact that their splendid military machine has been built up with little cost to the common citizen. This can be explained to a certain extent by the fact that in Germany the Government itself has control of most industries and that its bureaucracy is highly efficient. And that the resources of the country have been administered for the purpose of building up the German army and making it the foremost military nation of the world.

In this country the resources have

been developed for the benefit of certain privileged classes. If the tremendous fortunes that have gone into the hands of private individuals had one to the government there would have been enough money to build a navy greater than any other nation. We have succeeded in a great measure in removing the domination of abroad and corporations in our governmental control. In Europe the military class has had the whip hand, and having the control in one country impelled every other country to keep up a like standard or run chance of being gobbled up at a moment's notice. It is to be devoutly hoped that the recent war will forever put the rusher on this standard of militarism and compel nations to observe the true standard of morality that they lack of individuals.

Philadelphians last year consumed 15,000,000 gallons of water.

Servia has \$12,000,000 invested in industrial enterprises.

NOTICE OF NON-RESPONSIBILITY.

Sept. 11, 1914—W FORTY-SEVENTH Ave 125 N Fulton N 25xW 240; W 47th Ave 216 S Cabrillo S 30xW 120. Albert Meyer as to improvements on leased property.....

THE RECOVERY OF SECONDARY METALS.

Metal Recovered from Waste and Scrap in United States to the Value of Nearly \$75,000,000 in 1913.

The value of the "secondary metals," exclusive of gold, silver, platinum and iron, recovered in the United States in 1913 was \$72,845,000, according to J. F. Dunlop, of the United States Geological Survey. Even this large figure is a decrease compared with 1912, when the value was \$77,396,000.

"Secondary metals" are those recovered from scrap metal sweepings, kinnings, drosses, etc., and are so called to distinguish them from the metals derived from ore, which are termed "primary metals." The distinction does not imply that secondary metals are of inferior quality. The reports to the Survey do not include the very large quantity of old iron and steel remelted, neither do they include the precious metals. In fact, while the data given in this statement cover a large field and form an essential addition to the reports on primary metals, the scope of the inquiry made by the Survey reveals only in a partial way the vast extent of the waste trade industry, which yearly becomes greater and better organized.

The value of iron and steel reused probably exceeds that of remelted brass, and the value of the old rubber and paper stock utilized amounts annually to many millions of dollars. The Survey's inquiry was extended in 1913 to cover secondary aluminum and the result appears to have justified the extra effort. The values given for the secondary metals are arbitrary and are based on the approximate average value of the primary metal for the year. While the junk dealer buys small and scattered quantities of scrap metals at low prices which enable him

to resell the material at a substantial profit regardless of the changing value of primary metal, the keen competition for large quantities of drosses and carefully assorted scrap metals results in good prices being paid for such waste materials. In fact, it appears that in 1913 the decline in metal prices and the slackening trade conditions, combined with sharp competition, raised comparative prices of scrap and drosses until the margin of the large jobbers, smelters, and refiners handling this material was too small to permit very profitable operation. Although the quantity of reclaimed metal compared favorably with that of former years, stocks of metal derived from scrap and drosses were much larger at the end of 1913 than of 1912.

After remelting or refining, these secondary metals, selling at only slightly lower prices than new metal, displace an equivalent quantity of primary metals and must be considered in an estimate of stocks available for consumption in any year. For a few purposes requiring especial purity of material, it is necessary to employ primary or virgin pig metal, but as a general rule secondary metals can be used in whole or in part. In fact, most foundries, in order to compete for business successfully, must and do use secondary material, at least in part, and hence they purchase scrap metal and remelt it with primary pig metal or with composition ingot. The secondary smelters, by handling large quantities of all kinds of scrap, are able to classify their material so as to produce continuously alloy metals of uniform composition suitable for use in work of different classes. Such composition ingots are being purchased and used in increasing quantities by many foundries and other manufacturers in place of primary metals or mixtures of new and scrap metals. It is asserted that the use of properly made and suitable composition ingot is more economical and produces better and more uniform products than the use of virgin metal or of mixed scrap and virgin metals in making alloys.

It has so far proved impossible to separate the statistics for secondary metal recovered from clean scrap made in the ordinary course of manufacture from the statistics of metal recovered from drosses and ashes and from scrap or old metal that had entered the trade as manufactured articles and been discarded. An estimate of the clean copper and brass scrap on the basis of replies from the larger secondary smelters and refiners, but no classification made by many of the dealers or smelters is available.

The use of magnetic separators to free scrap from iron, the recovery of metal from cinders and molding sand, and the use of machines to briquet small scrap in order to reduce the losses in melting continued to increase. Dealers and jobbers in scrap metal realize the necessity of combining to insure better grading of waste metals and more efficient methods of packing in order to obtain lower shipping rates. The larger smelters and refiners of waste metals and drosses, many of whom conduct a business amounting to millions of dollars yearly, recognize the importance of proper separation and grading of metal wastes and of selling alloys of guaranteed composition, but the smaller manufacturers

and metal buyers have not been as careful as they might have been in view of the undoubted fact that the larger portion of all waste material is collected by junk men and jobbers, who resell the material to the smelters, refiners or manufacturers. The use of old metals has extended rapidly, and any co-operation that will remedy trade objections to the use of secondary metals in any branch of manufacturing, as well as any saving that lowers the cost of treating waste products, must result in a broader market and prices more nearly approaching those for virgin metal.

It is impracticable to segregate the statistics relating to the refining, remelting and reuse of secondary metals according to States, but over 90 per cent of the refining and smelting of drosses and scrap metals in the United States is confined to the territory east of St. Louis and north of Ohio River. Reports were made by approximately 550 users of secondary material, of which about 150 were in Pennsylvania and West Virginia, 130 in New York, New Jersey, Connecticut, Maryland and Massachusetts, and 150 in Ohio, Indiana, Illinois and Michigan. Over 60 per cent of the secondary aluminum was reported from the States of Ohio, Illinois and Michigan. Smelters and refiners in St. Louis, Chicago, Cincinnati, New York and Philadelphia recovered over 80 per cent of the aluminum in alloys. The larger portion of the secondary tin was refined by plants in Pennsylvania, New Jersey and New York. The recoveries of lead, zinc and copper were more generally distributed. The greater number of the larger smelters or refiners of secondary metals are located at or near New York, Philadelphia, Pittsburgh, Tottenville (N. Y.), Chicago, Cincinnati, St. Louis, Detroit and Cleveland, though there are many large plants at other places.

Nearly 140,000 Tons of Copper Recovered.

The total amount of secondary copper recovered in 1913, on the assumption that the brass remelted had an average copper content of 70 per cent, was 136,500 tons, of which 18,661 tons (about 1,000 tons more than in 1912) was recovered by plants refining primary metals, and the remainder by plants treating only secondary materials. The copper produced by smelters of the latter class includes 36,716 tons of pig copper, 11,603 tons of copper in alloys other than brass, and 69,520 tons of copper in remelted brass. These figures indicate a decrease for 1913 of about 6,000 tons of pig copper, and 1,500 tons of copper in brass and an increase of about 2,300 tons in alloys other than brass.

At least 45,000 tons was recovered from clean scrap made in the course of manufacture of copper and brass ware, so that only about 91,500 tons was obtained from ashes, cinders and scrap, or from material that had actually been used and discarded. The value of the copper, both as metal and in alloys, is computed at the average yearly price quoted for casting copper by the "American Metal Market." According to the Bureau of Foreign and Domestic Commerce, the exports of scrap brass fit only for remanufacture, for the calendar year 1913, were 10,913 tons, and the imports were 3,395 tons. While many railways sell or turn in the

larger portion of their brass and copper scrap and other metal waste to dealers in part payment for new material, the reports received show that the railways utilize in their own shops and foundries over 12,670 tons of brass, in addition to 900 tons of copper and 2,828 tons of copper in alloys other than brass.

The production of copper from secondary sources in 1913 was equal to about 17 per cent of the refinery output of primary copper in the United States from all sources, or about 22.4 per cent of the primary copper smelted from domestic ore.

Increase in Lead Recovery.

The secondary lead recovered in 1913 amounted to 72,831 tons, or about 5,790 tons more than in 1912. The secondary lead recovered as pig lead increased about 2,800 tons, a normal increase in view of the fact that the average lead price was nearly the same in 1912 and 1913. The recovery of lead in alloys increased 2,900 tons compared with 1912. The increase of 2,800 tons of pig lead from secondary material was due wholly to the increased recoveries made by those regular smelters whose product is mainly primary metal. The increase was reported to the survey in the quantity of lead in alloys, much of which is derived from remelted babbit and bearing metals, was doubtless due in part to a more careful canvass of the scrap-metal dealers, who not only act as brokers and middlemen, but frequently remelt and sell babbit, lead pipe, and spelter.

Other important sources of secondary lead were old pipe, lead linings of acid tanks, and drosses from white-metal alloys. Regular smelters reported the recovery of 9,328 tons of lead from lead and antimonial lead scrap. The total output of secondary lead was equal to 15.2 per cent of the refined lead produced in the United States in 1913, compared with 13.5 per cent in 1912, or to 16.7 per cent of the refined lead produced from domestic ores in 1913. It was exceeded by the domestic lead output of only two States, Missouri and Idaho, and only one other State, Utah, had an output of lead nearly as large as the secondary lead recoveries.

Small Decrease in Secondary Spelter.

The output of secondary zinc (including that in brass) amounted to 79,570 tons and equalled 23 per cent of the total production of primary spelter in the United States in 1913, compared with 21.1 per cent in 1912. The zinc recovered in alloys other than brass amounted to 3,715 tons, compared with 3,912 tons in 1912. Of the 50,005 tons of secondary zinc recovered as spelter, 25,991 tons were obtained by the redistillation from drosses, skimmings, etc. In addition to the large quantity of spelter recovered, it is estimated that over 15,000 tons of zinc chloride was made from drosses, skimmings, etc., and likewise several thousand tons of the zinc pigment lithopone.

The quantity of spelter recovered by redistilling drosses, skimmings, etc., was about the same in the years 1912 and 1913. Two zinc smelters in New Jersey and Pennsylvania which recover spelter entirely from drosses, skimmings, etc., used large 800 or 1,000 pound retorts instead of the small ones used by smelters treating ore or mixed ore and drosses. A large portion of

the secondary spelter reported recovered was reported to be of high grade, ranging about 99 per cent pure and equal in practically every respect to the spelter made from ore. The quantity of secondary spelter produced by smelters having an output derived mainly from ores increased about 1,800 tons. This would apparently indicate that the practice of mixing zinc concentrates and drosses is extending. Although prices of spelter were much lower in 1913 than in 1912, the exports of zinc drosses amounted to only 28 tons, compared with 205 tons in 1912 and 4,246 tons in 1911.

Larger Domestic Production of Secondary Antimony and Decreased Imports of Antimony.

The production of secondary antimony, of which all but 45 tons was recovered in alloys, increased from 2,506 short tons in 1912 to 2,705 tons in 1913. The value given is arbitrary and is based on the average yearly price for Cookson's antimony given by the "American Metal Market." The only antimony ore of domestic origin smelted in the United States in 1913 was 116 tons from Nevada, which was mined prior to 1912. The regular smelters reported the recovery of 92 tons of antimony contained in antimonial lead scrap. The principal materials refined or remelted which contained antimony as an alloy were hard lead drosses, babbit, solder, pewter, and type metal, in ore, or as oxide amounted to 7,692 tons, and the recovery from secondary sources was equal to 35.1 per cent of the imports. The secondary recoveries of antimony were 500 tons more than the antimony content of antimonial lead or antimony ores of domestic origin smelted in 1913.

Recovery of Old Tin Important Factor in Supply.

Apparently there were no domestic tin ores smelted in the United States in 1913, though some tin concentrates were shipped from Nome, Alaska, Gaffney, S. C., and Spearfish, S. Dak., to Great Britain for treatment. This condition makes secondary tin an important factor in supplying domestic consumption.

The secondary tin recovered in 1913 was equal to 27.2 per cent of the tin, as metal or as oxide, imported into the United States during the year (52,141 short tons). Secondary tin recoveries decreased from 15,401 tons, valued at \$14,301,368, in 1912, to 14,175 tons, valued at \$12,567,379, in 1913. The quantity recovered as tin was 6,115 tons and that in alloys and chemical compounds 7,763 tons. The value of the recovered tin here given is arbitrary and is based on the yearly average price given by the "American Metal Market." It will be noted that the secondary tin in alloys increased about 700 tons, an increase similar to that of lead in alloys.

The secondary pig tin decreased about 1,900 tons, for although the reports showed that the recoveries from scruff and drosses compared favorably with former years, the recoveries from clean tin scrap, tin foil, and tin pipe were appreciably less in 1913 than in 1912. This condition was natural, for the use of tin foil and block tin pipe has not expanded and the recoveries from those sources are relatively small. The quantity of clean tin scrap treated was considerably less in 1913 than in 1912. This was partly

due to the burning of the Vulcan Dettinning Co.'s electrolytic plant at Seawaren, N. J., and to decreased operations of several other users of clean scrap tin. There was no great incentive to treat tin scrap which had been contracted for or purchased at prices that precluded much profit at the prevailing lower prices of pig tin in 1913. The recovered tin includes the tin content of products made by several plants from scrap tin. These included some tin oxide, putty powder, etc., but consisted mainly of tin chloride. The production of these compounds is calculated as metal and not separately stated, in order to avoid disclosing confidential information. As the products are made from scrap tin and thus conserve the primary metal, they are properly regarded as recovered tin. Two forms of tin chloride are handled commercially—stannic and stannous salts. Stannic chloride is usually sold either as a water solution called bichloride of tin, or as anhydrous sirupy liquid, termed tetrachloride of tin, and is used principally in the silk industry. Stannous chloride is sold in the form of crystals and is used in dyeing and calico printing.

Most of the tin oxide, tetrachloride, THIRTEEN SEPT 11 HOYT Sn and other products were made from clean tin-plate clippings or from tin liquors left in dyeing or weighting silks. The dry chlorine process was used to recover the tin from the clippings in some places. In others reverberatory furnaces were used to remove the tin coating, and a large quantity of tin was recovered in the form of a tin powder by the electrolytic treatment of clean scrap, the powder being sent to secondary smelters. The largest recoveries of tin were made from the scruff and drosses that occur in making tin andterne plate and amounted to over 5,000 tons. Only firm reported using old tin containers, from which the tin and solder were first sweated and the black plate remelted to make sash weights. Comparatively large quantities of tin scrap and old tin cans are used in the western mining regions for the precipitation of copper from mine waters. Such scrap is plentiful, cheap, and fairly well adapted for the purpose. However the tin coating of the scrap does not enter into the reaction and is lost entirely.

The principal alloys in which secondary tin was recovered were babbit and other bearing metals, bronze, solder, pewter, and electrolyte metal.

Aluminum Recovery.

For the first time the survey obtained statements of the quantity of secondary aluminum recovered as pig aluminum or in alloys, and while the inquiry may not have reached all producers, the result showed that the percentage of secondary aluminum used compared with virgin metal was fully as large as in other non-ferrous metals. The recoveries in 1913 amounted to 1,654 tons, valued at \$2,199,450. Of the 1,654 tons the quantity recovered in alloys amounted to 2,456 tons, and over 90 per cent of this was an alloy of 92 per cent aluminum and 8 per cent copper, used for making sand castings. It is probably that a large part of the secondary pig aluminum was recovered from clean clippings and borings and that it also was utilized in making castings.

News In Brief.

MARYSVILLE, Yuba Co., Cal.—Darlington Christopher of Oakland has purchased fifteen acres of land in the northern portion of this city which he proposes to divide into building lots and place them on the market. If the plans carry an inducement will be offered the Northern Electric Company to extend their street car tracks to that section and to Knight Recreation Park, owned by the City of Marysville.

PLACERVILLE, El Dorado Co., Cal.—A storage dam is now under construction across Webber Creek. The dam will be of reinforced concrete construction and will be used to store water for the use of the Missouri Flat ranches. The construction work is under the supervision of Clifford B. Rushmer and will be completed in about three weeks.

FRUITVALE, Alameda Co., Cal.—On motion of Supervisor J. M. Kelley the Board of Supervisors instructed County Surveyor P. A. Haviland to prepare plans and specifications for the repair of three bridges which cross the estuary, connecting Oakland and Alameda. It is estimated that the work will cost in the neighborhood of \$10,000.

SANTA BARBARA, Santa Barbara Co., Cal.—The survey of the seventy-nine miles of road through the Cuyama from the Foxen canyon road in the north to the Kern county line is complete and Engineer J. H. Kincaid, who was in charge, has returned to the county surveyor's office where he will make out his field notes preparatory for the plans which are to be submitted to the Board of Supervisors.

RIO VISTA, Solano Co., Cal.—An ordinance granting to the Standard Oil Company permission to locate, build, operate and maintain a warehouse, or for tankage and the erection of other necessary buildings has been passed to print by the Board of Trustees of Rio Vista.

SANTA ANA, Orange Co., Cal.—That the Orange County Highway Commission has more than half of its work done toward completing the project under which \$1,270,000 bonds were voted in this county is shown in a report by Chief Engineer S. H. Finley of the County Highway Commission.

There are 107 miles of road provided for in the original good roads plan for which bonds were issued. So far 35.07 miles of road have been completed. Including the roads finished there are 51.20 miles of concrete base laid, and including the roads finished and those upon which concrete base only has been laid 60.33 miles have been put to grade ready for the concrete base. Including all roads finished or under way, 32.36 miles of road have been let to contract.

PALO ALTO, Santa Clara Co., Cal.—Supervisor MacBain is preparing plans and specifications for the improvement of Oak Grove avenue. It will have an asphalt surface and a concrete base.

SACRAMENTO, Sacramento Co., Cal.—A resolution ordering the improvement of U street from Eighth to Nineteenth has been adopted by the City Commission.

LODI, San Joaquin Co., Cal.—City Engineer Barzelotti has established a grade for the new reclamation dis-

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting direct sales and returns.

Our Weekly has MANY ADVANTAGES for you.

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Free Sample Copy

Building and Industrial News

560 Mission St., S. F.

trict near the Telegraph School west of Woolbridge. The ditch will be one mile in length and will turn the surface of the water into the ditch along the Herminour road where it will be delivered to the tide water flats.

CHICO, Butte Co., Cal.—The materials for the construction of the bridge over Butte creek near Durham have arrived and work will commence in a few days. The bridge will be of steel and concrete.

CITY DEPARTMENT OF ARCHITECTURE KEPT BUSY.

More City Improvements Will Be Underway Shortly.

Plans and specifications for work to be done by the City and County are now under way in the Bureau of Architecture of the Board of Public Works and bids will be called for as soon as they receive the approval of the Board.

The following is a report on the condition of plans and specifications at the present time:

Plans and full size details are being prepared as the work progresses upon the following buildings: Washington Irving School, Oriental School, Department of Electricity shop building, Central Fire Alarm Station, San Francisco Hospital yard work, City and County Jail, public square of the Civic Center, power plant of the Civic Center, Donahue Fountain and Marshall School.

Department of Electricity Shop Building—Plans and specifications 97 per cent complete and will be ready for figuring shortly.

Corporation Yard Office Building—Plans and specifications complete and ready for estimating.

City and County Jail—Plans and specifications for the electrical work and heating and ventilating 90 per cent complete.

Polytechnic High School—Plans and specifications for finish plumbing and plastering complete and ready for estimating; for electrical work 96 per cent complete, and for general interior finish, 85 per cent.

Donahue Fountain—Plans and specifications complete and contract awarded.

Power Plant, Civic Center—Plans and specifications being completed; will be ready for estimates shortly.

PLANS ADOPTED FOR LIBRARY BUILDING.

Architect G. W. Kelham's Plans Are Approved.

Plans for the New Public Library to be erected in the Civic Center at the southeast corner of McAllister and Larkin streets, have been approved by the Library Trustees and forwarded to the Supervisors with the recommendation of adoption and an award of contract. The plans were prepared by Architect G. W. Kelham. City bonds voted, but unsold, to the amount of \$600,000 will have to be disposed of before a sufficient sum of money can be realized to build.

REMOVAL NOTICE.

COMMARY-PETERSON CO., have removed to the Bankers' Investment Bldg., 742 Market Street. Rooms 409-11.

Efficiency and Advertising

by Lloyd C. Comegys

How To Efficiently Prepare Copy For The Printer.

THE DUMMY:

Is a duplication of the size of the card, folder, circular or other thing you wish to have printed. It may be of any grade or style of paper, as long as it originally contains no printing or other matter and is of the size of the thing that you wish. If you wish a card printed 2 inches x 4 inches, a sheet of paper cut to size 2 inches x 4 inches will constitute the dummy. If it be a four-page folder, 6 inches x 9 inches, then a sheet of paper folded together and cut to size of pages 6 inches x 9 inches and showing four sides of a page will constitute the dummy.

On the dummy you may then block off by making dotted or wavy lines the space about the size of the type that you wish used for the heading, the place and about the size of the space that you wish for the principal matter to occupy, the place and size of any cut to be printed therein and the size and position of the name and address of the firm. These various blockings may be lettered A, B, C, etc., and then written out in good size on separate slips of paper under the corresponding letters A, B, C, etc. From the dummy the printer can at once tell the exact size of the thing that you wish printed. From the blockings consisting of dotted lines or lines ruled around the space to be occupied, he can tell how much room he will have for the particular matter, cut, heading or name you wish, printed therein and can use the proper size and style of type accordingly. By having the actual matter to be inserted, written on separate sheets, it may be written very large and plain and thus avoid mistakes being made in the words or spelling while at the same time the printer can tell from the dummy the size of type he will have to use to get all of said matter on that particular slip into the space you have designated on your Dummy.

If you desire the matter contained on your card, folder, etc., surrounded or enclosed by ruled lines or border design, it should be specified under the head of border, and where possible it is best to paste a sample of the size of rule or style of border that you wish onto your sheet or dummy.

In ordinary printing, the printer will usually use his best judgment in giving you a type suitable for your matter. In small offices this is governed largely by the faces of type that he has in his office. If you desire a particular kind of type for particular parts of your ad, cut out sample lines of the various styles from some paper or magazine and paste it at the side of the sheet opposite to the matter that you wish in that particular style of type.

What Advertising Can Do For the Retail Firm.

NEWSPAPERS, MAGAZINES, PROGRAMS, BILLBOARDS:

The newspapers, magazines, programs and bill boards of your locality can give you general publicity for the purpose of establishing the name and location of your firm and the general line of the goods it carries. They can also, and this refers specially to newspapers, advertise your prices and different lines of goods, and call attention to special sales, bargains and reductions.

LETTERS, POST CARDS, FOLDERS, CIRCULARS:

These may be used to great advantage, by carefully compiling a list of persons who would be desirable customers and who would reasonably have patronage you wish to go after. If a letter, post card, circular or folder is so worded as to convey the idea to the receiver, that you consider them a friend and client of your establishment, much impression will be added to your offers and you can build up a family of followers, that I personally believe, could not be accomplished by any amount of newspapers, magazines, bill boards or general publicity. Of course, the treatment of such parties when they come to your store in response to such personal invitations, must bear out your attitude toward them. Your salesmen must understand that if such customer in any way hint or disclose that they have come in response to such letter or printed invitation, that they must be made to feel that they are getting a special attention. I do not disparage the use of newspapers, magazines, program or bill board advertising, but my point is that other mediums as letters, post cards, circulars, folders may be used hand-in-hand, under a proper apportionment of your entire expenditure, to your very great financial advantage.

Compiling lists and mailing out matter entails much more labor and attention, than inserting ads in publications, but the additional effort expended in this way, if your advertising matter is properly prepared to meet the view point of its receiver and contains the necessary pulling power, will be worth the trouble and should result in satisfactory returns to you.

About Advertising In Dull Times.

Men have their good days and bad days. They feel better at times than they do at other times. Business is much the same. On the good days for the man or the good periods or times for business, there is a go-a-head spirit and energy which creates initiative and starts new work and enterprises. This accounts in degree why in good times there is so much more work, activity and business.

And when the bad times come in business, the tendency is to slow down and consequently there is actually less business.

When there is less business the competition for it becomes keener and then not only does a businessman have to figure to fight harder to get new business, but he has to take into consideration the very great efforts that are being made by his competitors to take away from him the business that he already has.

It then becomes necessary to take advantage of every business aid, and efficient advertising and selling methods are of the most valuable that may be obtained. This is necessary not only to gain new business, but as a part of protective and defensive tactics. Even if you gain no new business you must throw up bulwarks to protect the business you already have from the increased and more intensive competition.

Using more greatly efficient advertising and selling methods become insurance against loss of business, as well as investment to secure new business.

In dull times expenses are cut, every detail is watched more carefully and greater effort is made to produce results. Advertising and selling methods are not expense but an investment from which you figure and expect additional profit. As you do more work, do it more carefully and make every part of your business produce better results in hard times, so then should you use and work harder the modern business facility known as efficient advertising and selling methods. A proper scientific and careful utilization of efficient advertising and selling methods will redound to your financial benefit and once started will never be abandoned by you. It has been made to pay others in large amounts so why not use it and get the benefits for yourself?

Advice on BUSINESS PROBLEMS

SERVICE DIVISIONS

..... Modern Advertising and Selling Service

..... Efficiency and Time Saving Methods and Devices

..... Advice On Business Problems-Adjustments-Collections

LLOYD C. COMEGYS, Commercial Attorney
902 Mutual Saving Bk. Bldg. Write for Monthly Service rates.

Issued Weekly. \$3.00 Per Year

Fourteenth Year, No. 38

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building,
Engineering and Industrial Activities of the Pacific Coast.

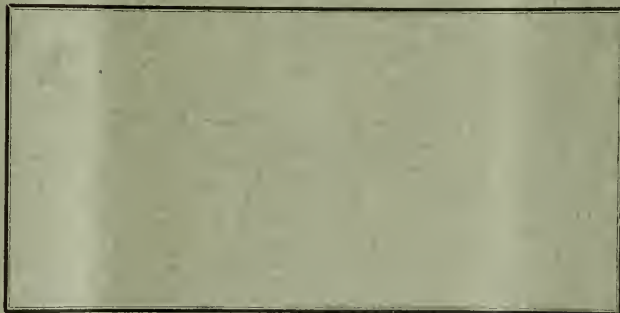
SUCCESSORS TO

"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"



Wednesday, September 23, 1914.

SAN FRANCISCO AND OAKLAND.

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CALIFORNIA

*Electric
Weld*

**Combination
Boiler and Gas
Water Heater**

The
SOLUTION

To Your Hot Water
Problem.

Gives an inexhaustable supply of hot water
to any part of the home, with 30 per cent
less gas than any system ever produced.

Gas Appliance Sales Co., of America

Successors to JOHN WOOD MFG. CO.
218-21 Pacific Bldg. 447-49 E. 3rd St. 331-339 Cypress St.
SAN FRANCISCO LOS ANGELES OAKLAND



Telephone Market 1935

Fine and Sanitary
PLUMBING

Frank J. Klimm
PLUMBER

221 OAK STREET

Bot. Cough and Octavia

SAN FRANCISCO, CAL.

Telephone Franklin 4130

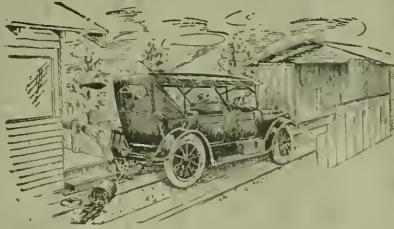
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**General Contractor
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San Francisco

Don't let
to you or



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your clients

Install a Dellamore Auto ^{matic} ^{mobile} Turntable
and go "FORWARD ALWAYS".

Costs less than the cement it saves.

Dellamore Turntable Co.

STAATS BLDG.

PASADENA, CAL.

Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, September 23, 1914

Fourteenth Year, No 38



Devoted to the Architectural, Engineering, Building and Industrial Activities of the Pacific Coast.

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L. A. LARSEN,

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1015 Franklin Street

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Editorial Comment.

The initial month of the world war shows the building industry in the United States about maintaining an even standard. At a time when the financial shock is such as to stop all about 75 cities throughout the country made to the American Contractor, general investments it is at least gratifying to see that permits issued and contracts entered into for building construction show that industry to be at least in a normal condition. This may be explained in part by the fact that before the war began business generally was at a pretty low ebb. At any event official reports from Chicago, show a loss of only about 4 per cent as compared to August, 1913. The following is the tabulated list:

	August, 1914.	August, 1913.
Akron.....	\$ 602,315	\$ 354,125
Albany.....	470,685	577,150
Baltimore.....	1,012,846	674,887
Berkeley.....	161,750	123,750
Birmingham.....	314,549	333,355
Boston.....	1,374,994	927,173
Bridgeport.....	147,063	409,060
Buffalo.....	950,000	682,000
Cedar Rapids.....	282,000	250,000
Chattanooga.....	128,810	125,433
Chicago.....	5,769,500	5,762,100
Cincinnati.....	1,128,060	504,100
Cleveland.....	2,318,470	4,941,970
Columbus.....	647,325	495,140
Dallas.....	220,175	409,500
Dayton.....	111,643	144,460
Denver.....	150,000	233,810
Des Moines.....	111,150	88,775
Detroit.....	2,333,445	2,608,825
Duluth.....	138,023	156,960
East Orange.....	43,210	104,536
Fort Wayne.....	153,800	174,175
Harrisburg.....	101,275	95,565
Hartford.....	185,990	554,425
Indianapolis.....	472,436	700,768
Jersey City.....	401,804	213,437
Kansas City.....	527,395	827,475
Lincoln.....	136,865	75,115
Los Angeles.....	1,287,498	3,501,933
Louisville.....	426,860	445,210
Manchester.....	137,255	80,509
Memphis.....	175,660	321,116
Milwaukee.....	621,284	1,163,013
Minneapolis.....	943,975	1,211,230
Newark.....	3,196,232	1,814,638
New Haven.....	500,567	258,692
New Orleans.....	236,910	295,260
New York City.....		
Manhattan.....	4,476,176	4,458,991
Bronx.....	1,272,343	1,201,643
Brooklyn.....	4,293,140	2,663,107
Boro of Queens.....	1,029,758	1,154,714
Boro of Richmond.....	226,237	296,257
Total.....	11,288,654	9,774,712
Oakland.....	411,889	1,080,996
Oklahoma.....	99,115	4,875
Omnibus.....	521,065	336,515
Paterson.....	221,958	49,630
Peoria.....	253,081	161,510

Philadelphia.....	2,642,810	3,616,860
Pittsburgh.....	1,127,609	1,059,662
Portland.....	409,390	1,168,245
Richmond.....	183,410	304,343
Rochester.....	808,457	791,643
Sacramento.....	62,258	160,405
Salt Lake City.....	480,051	129,915
San Francisco.....	1,512,651	2,844,915
San Diego.....	208,408	715,566
San Jose.....	27,061	39,160
St. Joseph.....	93,363	42,670
St. Louis.....	797,165	1,082,947
St. Paul.....	616,921	775,134
Scranton.....	185,388	63,629
Seattle.....	1,565,525	582,425
Shreveport.....	79,506	101,438
Sioux City.....	223,485	120,550
South Bend.....	119,316	13,472
Spokane.....	31,155	110,929
Springfield, Ill.....	72,800	70,025
Stockton.....	7,360	63,978
Syracuse.....	256,948	501,145
Tacoma.....	139,460	152,737
Toledo.....	490,047	357,435
Topeka.....	20,630	49,325
Utica, N. Y.....	86,670	371,255
Washington.....	491,576	627,472
Wichita.....	31,925	60,625
Wilkes-Barre.....	28,731	137,644
Worcester.....	679,692	241,993

Total.....\$54,333,465 \$59,156,739

The political situation may now be expected to resolve itself along definite lines. We may confidently expect the old guard to employ all the old and time honored political tricks to gain votes. Chief among them will be the sacred unity of the Republican party. For that party which causes the sun to shine and the grass to grow and the rain to fall upon the just and unjust alike, the great appeal will be made. And the ancestral pride will be invoked, the shade of the father who was the compatriot of Lincoln will be resurrected and the political platforms of 1860 will be referred to in the same manner that the bosses used to wave the bloody shirt.

Already the affidavit men are getting busy. Governor Johnson is to be accused of employing chinamen in order to alienate the anti-chinese vote. Every heeler that has a scheme to throw mud and stir up a personal muddle finds an opportunity. And the question will be fought out between those who believe in practical reform and equal justice in the state's administration on the one hand, and those who blindly follow the fetch of political prejudice and believe in special privilege on the other.

Certainly the Fredericks contingent have an affrontery equal to that of William Randolph Hearst. After fighting every reform that the Johnson Administration has instituted they now come out and claim the credit for every reform. And for this reason they ask the people to vote for the men and the bosses that were kicked out of office four years ago.

Problems of Highway Construction.

Difficulties in the Work of the California Highway Commission in Building the State Highway.

By Austin B. Fleicher, Highway Engineer.

From the California Highway Bulletin.

The State Highway Act, under which the state roads are being constructed, provides in no uncertain words that the State is to maintain the roads after they are built. The Motor Vehicle Act, through the fees which it specifies for the registration of motor vehicles, will provide the money, since one-half of the net receipts goes to the counties for the maintenance of county roads and the balance to the state highways for their upkeep. Estimating conservatively, there should be available from this source for the state highways during the year 1914 from \$350,000 to \$400,000.

The chief immediate use which the Commission has for a maintenance fund is for placing gravel or macadam shoulders along the paved portions of the roads built and to be built. In many localities the natural soil under and beside the paved portion of the roadway is not sufficiently stable during wet weather to sustain even the occasional wheel which gets upon it, and it is of course necessary that at times the shoulders of the roads should be able to carry some traffic.

It did not seem possible to provide for such shoulders in the original construction because of the cost of such work and the necessity for conserving as much as possible of the eighteen million dollar appropriation for construction purposes. The maintenance fund also permits of the purchase of equipment for repairing and maintaining the roads, which is costly and cannot be rented economically. Maintenance problems and those of construction, in highway work particularly, are almost inseparable, and in choosing a type of road or pavement the future must be reckoned with.

The greatest problem of all confronting the California Highway Commission is how to build nearly two thousand seven hundred miles of state highway with eighteen million dollars in such a manner that the people will be reasonably satisfied, and so that the roads will not cost excessively for maintenance. This means that on the average, including administration expenses, the roads must not cost more than six thousand six hundred dollars per mile, which is obviously too little if the whole system is to be paved.

As a result of much deliberation the Commission adopted as a standard type of paving to meet the average conditions a Portland cement concrete roadway fifteen feet wide, protected by a thin surfacing of asphaltic oil combined with stone screenings. This does not mean that all of the state roads are to be so constructed, for some of the roads have already been paved to a width of twenty-four feet, where the traffic seemed to require it, and surfaced with asphaltic concrete. Nor does it mean that all of the roads will be paved, for in some of the mountain counties such a treatment would be absurd under present traffic conditions.

There are now under contract about

three hundred fifteen miles of concrete road on which the thin top is to be placed. About fifty miles of the thin top has been put on, and on all but a very few miles it is giving admirable service.

The history of the thin top or carpet is interesting. For many years, and until about the year 1906, the broken stone road first developed in England by John L. Macadam, and perfected for American requirements by William E. McClintock of Massachusetts, was considered the last word in rural road building. The Eastern States were all constructing their state highways of that type and the road builders were a self-satisfied lot. In 1906 the writer was chosen by the Government Office of Public Roads to prepare a bulletin on the subject, and he well remembers his feeling of pride when he was told that over two hundred thousand copies of his bulletin were to be printed and distributed. The writer also well remembers that but two years later at a road meeting at Buffalo he was obliged to confess that "the macadam road is a thing of the past" because of the ubiquitous automobile.

The case, however, turned out to be not so bad as was then predicted, for after experimenting with applications of hot asphaltic oil or refined tars and sand spread upon the cleaned macadam roadways, a method which the French probably discovered, it was found that a thin bituminous carpet from one-fourth to one-half an inch in thickness was developed, which served to prevent the raveling of the stones composing the pavement. There are thousands of miles of macadam road in the Eastern States treated in this manner, which are now giving ample satisfaction even to that most captious critic, the automobile owner.

In the year 1908, almost simultaneously in Ann Arbor, Michigan, and in Spencer, Massachusetts, sections of concrete roadway were covered with a similar bituminous carpet of refined tar and stone screenings. In the Massachusetts case, with which the writer is more familiar since the work was done under his direction, the bituminous covering was applied to lessen the roughness of a section of concrete pavement built by the Hassam process. Both the Ann Arbor experiment and that in Massachusetts were successful, and the carpets gave good service, lasting two years and more with almost no expense until it came time to renew them by precisely similar applications of tar and screenings. Within the last few years many thousands of square yards of concrete have been so covered with bituminous carpets, and the Ann Arbor engineer who thought out the scheme has even applied for letters patent on the process. The patent has not been granted yet, so far as the writer is aware.

It was these experiments in the Eastern States which led the California Highway Commission to consider the bituminous carpets for the Cal-

ifornia roads. The only essential difference between the work in the East and that here lies in the use of heavy asphaltic oil instead of tar. It was not possible to use coal tar in California without long railroad carriage and correspondingly high cost, for it is not produced here in any considerable quantity. The writer, however, has no regret on that account. The bituminous carpets, using California asphaltic oil on ninety per cent of the work already done, are far superior in his judgment to the tar and screening carpets of the East which he has inspected. They are also far superior to the bituminous carpets usually applied to the macadam roads in the East, and he asserts, after more than twenty years' experience in state highway work, that no Eastern State is today getting its state highway constructed so cheaply, so thoroughly, or surfaced so satisfactorily as in California.

Two trips made by the writer to England and France during the past five years have convinced him also that in the construction of our roads we can learn little there. They are still laying the bituminous carpets on waterbound macadam roads, or where the traffic is heavy, mixing tar with slag or broken stone and forming a crude bituminous macadam road-crust not nearly so good, in the writer's opinion, as the asphaltic concrete work done in California. As to maintenance problems, that is another story.

California started late with its state highways. Its people, with the changed conditions of traffic brought about by the automobile, are demanding what to all intents and purposes is city street work out in the country. And California is getting it, to all intents and purposes.

The Commission has had some poor work foisted upon it. In Sonoma County there was some concrete thinner than called for by the specifications, but that has not been paid for, and the poor work will be done over before the road is completed. In Santa Clara County the writer made the error of allowing some asphaltic oil of too heavy grade to be used, which, because of the climatic conditions at the time of its application, did not make the bituminous carpet of the thickness and quality desired or expected.

Based upon these instances the report has been circulated widely that the state highways are crumbling; that they are a laughing stock. Almost any expression of contempt has served. It has even been said—God save the mark!—that they have been hastily built. Mark Twain said somewhere: "The chief difference between a cat and a lie is that the cat has only nine lives."

The people on the peninsula do not believe such nonsense, nor do the people in the San Joaquin Valley, nor in Los Angeles County, nor in San Diego. Nor, indeed, do the people of the State generally, or their actions belie their

deeds. They believe in the kind of roads the Commission is building to such an extent that since October, 1912, they have financed the construction by purchasing state highway bonds to the extent of nearly seven million dollars.*

The Commission has had some difficulty in making the people of some localities believe that the law [State Highways Act] means what it so plainly says. Many hearings have been given and much time consumed in listening to advocates for particular routes who wished the course of the state highway diverted from what the Commission considered to be the most direct and practical lines. It is believed that the people of the State have now come to a better understanding of this matter and realize that the State Highway is to be built for all of the people and that it can not be diverted from its course for purely local requirements.

The writer, in closing, feels that it is but fair to recite briefly some of the other achievements of the Commissioners in the promotion of state highway work, for which he thinks that they are entitled to the everlasting thanks of the people of California:

They have brought about the policy that the counties shall furnish without cost to the State all land needed for the right of way of the State Highway.

They have induced the counties to build and pay for all new bridges exceeding twenty feet in span along the line of the State Highway.

They have caused the cities and incorporated towns along the route to agree that the streets within their corporate limits should be paved and maintained by the municipalities.

They have induced the railroads, over which hundreds of thousands of tons of materials must be transported, to reduce their freight charges so that such materials will be moved at approximately one-half rate.

They have saved many thousands of dollars by purchasing road materials in large quantities.

They have, by careful studies of the location of the State Highway, obviated crossings with railroads at grade in many places. In Ventura County alone, within a length of twelve miles, nine grade crossings will be abolished.

They have provided for two trunk lines between San Francisco and Los Angeles, one by the coast and the other by the valleys, the first requiring about three hundred and eighty-four miles of construction and the latter three hundred and twenty-three miles, which will be paved, and which will nowhere have a grade in excess of six and one-half per cent and not more than two or three miles in excess of six per cent.

*Extracts from a paper read before the Commonwealth Club of San Francisco, March 14, 1914, on "Some of the Problems and Accomplishments of the California Highway Commission."

**The sale of state highway bonds made possible through the co-operation of California counties and banks amounted on June 15, 1914, to a total of \$7,565,000.00. There is not at this date a market demand at par for the bonds because they yield but 4 per cent interest.

FEATURES OF THE STATE HIGHWAY.

Conquering Oldtime Barriers, Opening Rich Sections for Motor Truck Traffic, and Other Benefits Considered in Highway Construction.

By H. N. D. Darlington, Member, California Highway Commission.

The State Highway is primarily designed to meet the commercial needs of the State of California and to provide better means of communication than is afforded by our present road system. In planning highway construction under the authorization of the State Highways Act, and with the foregoing in mind, there have been developed, of course, features of special interest in road building. There are as well other features only indirectly allied to the state highway work, but which are important to the people of California.

In conquering the mountain barriers changes are required to produce a modern highway which may be considered features of the state highway work. The Commission has met several problems of this sort in different parts of California, and has endeavored to solve them with a maximum grade of 6 per cent where practical, or, at the most, $6\frac{1}{2}$ or 7 per cent. This policy has been criticized, but no doubt the critics have not fully realized that the word "permanent" is prominent in the mandates of the Highways Act, and that the roads as laid out must be planned to be good roads for years in the future.

Our mountain ranges heretofore have been veritable barriers to travel on account of the excessive grades on the present roads. These obstructions to the flow of traffic have been overcome by replacing the present tortuous roads with their steep grades with modern highways of good alignment and easy grades. Bailey's Hill, at the northern entrance to California, has had such a road winding down from Oregon; it will be supplanted by a highway with a grade not over 6 to 7 per cent, and the Oregon road builders have taken California's standard and are coming over the Siskiyou mountains to our state line with a 6 per cent maximum. In the Santa Cruz mountains a splendid road with no steep or dangerous grades with form part of the State Highway. Across the range between the San Joaquin Valley and Southern California the new highway will eliminate many miles of distance as well as bad grades, and will offer a magnificent panoramic road. The dangerous Castles Pass is supplanted by the sea-level Rincon route along the coast between Santa Barbara and Los Angeles, a feature in which the state highway work has been materially aided by public spirited citizens. The road from El Centro to San Diego will furnish those living in Imperial Valley with a direct outlet to the coast over a road which will be unsurpassed for beauty and interest.

The mountain roads of the State Highway will prove more valuable, I believe, in their purely commercial aspect than in the pleasure they give to tourists. The commercial motor vehicle is a most important factor, and

its development has but started. In Los Angeles County, following the establishment of a comprehensive system of good roads, the number of motor trucks increased from 61 to 3,200 in four years, and the best informed motor truck men of Los Angeles regard 6,000 trucks as a normal number for use in that county. A similar, although not so rapid increase, is to be observed in all parts of California. The State Highway will make the motor truck an adjunct of the rancher, and thus will come an important development of California's resources. The same thing is true of the county highway systems which are planned in this State.

During the past rainy season numerous ranchers found it necessary to make three and four trips on unimproved roads as far as the State Highway, where they piled the loads until they had enough for one load to take into town on the paved highway. That experience demonstrated the commercial value of a good road. There are numerous rich sections of California where hauling economically all winter is out of the question without a road that will give good service in bad weather—when it is most needed.

A feature of special importance is the shortening of routes between sections of the State. The Yolo causeway across the by-pass of the Sacramento River west of Sacramento is a feature of this sort. It will require about three miles of concrete trestle, but will be of service to the entire State and will materially shorten the distance between Sacramento and the San Francisco bay cities.

In opening up a permanent route through the redwoods to Humboldt and Del Norte counties there will be provided an important feature of the State Highway. In addition to advancing the commercial interests of the Northern California coast the route will provide a magnificent touring attraction. It will run for miles through stately redwoods, giant trees several thousand years old, where at times the sun is obscured by the forest, making a trip to be remembered. This is a feature of California which by all means should be preserved. The redwoods of Northern California tell the magnificent proportions of the State's resources in so stately a way that a state park ought to be planned comprehensively while it is feasible to do this, and it should be planned so that the tourists who take the route of the State Highway should realize the importance of this feature of touring in California. This is a matter of conservation and beautification which the women of California should take up through their various organizations and carry to an achievement.

The greatest feature about California's State Highway is that the expenditure of eighteen millions as a precursor of the State's complete road development fits into the new era of California so remarkably. We cannot realize the development California has just ahead, and yet in all parts of the State preparations are being made now for that development. The State Highway will be completed just at a time when it will prove an invaluable factor to the communities and counties in facilitating the development of the next decade.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction, \$25,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Pomme. The building will be erected on the south side of Turk street east of Polk, and will contain a number of two and three room suites besides one store. Interior finish will be of pine and elm panels. There will be steam heat, an automatic elevator and hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble. Plans provide for patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house, 7 story and base. Class A construction, \$150,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, Mr. Morehead. The building will be erected at the northwest corner of California and Mason streets, covering an area of 66 by 70 feet, and will be a fireproof building throughout. The upper two floors will be fitted up for the exclusive use of the owner, while each of the five lower floors will contain one apartment each. Interior will be finished to suit the tenants. Among the many features of the building will be a swimming tank, roof garden and billiard hall. Interior will be finished in pine and mahogany with Caen stone in the halls. There will be steam heat, elevator service, electric dumbwaiters and vacuum cleaning system. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, \$20,000. Architects, Smith & Stewart, 241 Kearny street, S. F. Owners, Smith & Stewart, 241 Kearny street, S. F. The building will be erected at the northeast corner of Pacific and Taylor streets, covering an area of 32½ by 54 feet. Interior has been arranged for a total of 15 suites of two rooms each. Pine, mahogany and white enamel will be used for interior finish. All rooms will have hardwood floors. There will be steam heat, an automatic electric elevator, hot water system and vacuum cleaning. All apartments will have wall beds and private baths. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures will be taken at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Chestnut street east

of Hyde, and has been designed to contain twelve suites of two and three rooms. Interior will be finished in pine, redwood and elm panels. Some hardwood floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house alteration, 2 story frame, \$3,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. McGill. This work will consist of altering the two-story frame dwelling located on Durant Way near Ellsworth into modern apartments. There will be five suites in the building of two, three, four and five rooms. The work will require new interior finish, painting, plumbing, plastering, electric work and finish hardware. Furnace heat will be installed. Exterior of the building will be covered with shingles. Plans are nearly ready for figures.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$14,000. Architect, Albert Schroeffer, 68 Post street, S. F. Owner, Edwin S. Perrison. The building will be erected at the southeast corner of Church and 24th streets, covering an area of 100 by 40 feet. There will be five stores on the first floor and a total of four suites of three and four rooms on the upper floor. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$6,000. Architect, none. Owner, John A. Bischoff, 351 Crafton avenue, Oakland. The building will be erected on the south side of Harwood avenue east of College, and has been designed to contain sixteen suites of two and three rooms. Interior will be finished in pine and redwood with some elm panels and hardwood floors. There will be furnace heat and a hot water system. Bath rooms will be finished in tile. There will be wall beds and private bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BANKS

LOS ANGELES, CAL.—Bank and offices, 5 story and base, Class B, Cost

not stated. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Mrs. Lucy Haucwaas. The building will be erected at the corner of Pine and Broadway, covering an area of 50 by 150 feet. There will be a complete steel frame with brick exterior walls. The entire first floor will be occupied by the Marine Commercial and Savings Bank. Each of the upper floors will be arranged for twenty offices. Interior finish will be of pine and hardwood with ornamental plaster in the banking room. A tile floor and marble wainscot will also be used. Special bank fixtures and vaults will be installed. Plans provide for steam heat, a hot water system, vacuum cleaning, metal window sash and frames and elevator service. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are complete and figures will be taken at once.

Contracts Awarded.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawfis. Contractor, George W. Patton, 2136 Emerson street, Berkeley. Contract price, \$20,000. Note: The contractor is now taking sub-figures on the work.

BONDS.

COLUSA, COLUSA CO., CAL.—No bids were received here for the State Highway bonds amounting to \$125,000. The funds were to be used in the construction of the State Highway through Colusa County. The bonds will probably be readvertised.

TURLOCK, STANISLAUS CO., CAL.—City Attorney A. Johnson has informed the Board of Supervisors that the election held September 1st, when the \$16,000 park bonds were voted on, was illegally held, and that the bonds could not be sold. It appears that an error was made in the printing of the ballots. Another election will probably be held.

VISALIA, TULARE CO., CAL.—The Supervisors have decided that the Alpaugh Irrigation District proposition was defeated at the election held on August 26th. In the election 35 votes were cast, 22 in favor and 13 against. The proposition failed to carry by six votes.

TURLOCK IRRIGATION DISTRICT, STANISLAUS CO., CAL.—A special election will be held in this district on October 9th for the purpose of voting bonds in the sum of \$155,698. The funds will be used for defraying the expenses of the care, operation, management and repair of the portions of the canal works of the district.

WATSONVILLE, SANTA CRUZ CO., CAL.—An ordinance calling for a special election to be held in this city on September 29th for the purpose of voting bonds for a bridge and the pur-

chase of a fire engine and the necessary equipment. The bridge bond issue will be for \$20,000 and the fire equipment and engine for \$12,000. The proposed bridge will be of concrete and steel and will be constructed across the Pajaro River. S. W. Coeman is the City Clerk of Watsonville.

WATSONVILLE, SANTA CRUZ CO., CAL.—A movement is underway in this city for the purpose of calling a special bond election to better the school facilities. At the present time the schools are housing many more pupils than accommodations can be made for. Superintendent of Schools A. J. Henessey and District Attorney F. W. Sargeant are interested in the matter.

NAMPA, IDAHO.—Nampa Meridian directors have called election for October 10th to vote \$500,000 in bonds to build drainage system in the district, co-operating with the government. Principal ditches to drain section up Five-mile creek N. of Meridian and tract W. of Nampa.

GREAT FALLS, MONT.—The Board of County Commissioners are considering, and a decision will be made in the near future, the advisability of asking the county taxpayers to vote on a bond issue of \$250,000 at the general election to be held in November, for the construction of good roads throughout the county.

SEATTLE, WASH.—Providing that sufficient bonds can be sold in time the Cascade Irrigation District, Ellensburg, of which R. Lee Barnes of that city is secretary, about \$200,000 worth of construction work will be done for that company this winter. About \$85,000 worth of work has already been done under the direction of R. W. Rea, chief engineer for the company. The work will consist of 18,000 feet of metal flume, 9 feet 6 inches in diameter, driving three tunnels, one rock and two cement gravel, about 687 feet, all to be lined with concrete, lining another 550 feet tunnel with concrete, laying 2,000 feet of concrete flume, 8 feet by 4 feet 6 inches, and the construction of the headworks, etc. When the bonds are sold bids will be called for this work.

BURNS, ORE.—Bonds in the sum of \$100,000 for construction of water and sewerage systems will be voted here shortly.

POCATELLO, IDAHO.—The election held here to vote on the issuance of \$100,000 bonds for the purchase or installation of water works system resulted in favor of the proposition.

MILWAUKEE, ORE.—The Milwaukee Council has instructed Recorder Mathews to provide for the issuing of improvement bonds to the amount of \$27,000 for the improvement of Front street. The improvement will cost \$44,000. The Recorder stated that the \$26,000 water bonds bid in by the Portland Lumbermen's Trust Co. have not been called for and are still in possession of the town.

SACRAMENTO, CAL.—At the meeting of the Board of Supervisors of Sacramento County a resolution was passed setting October 16th as the date for the bond election for the building of the roads.

Some criticism has been induced because sufficient publicity was not given to the kind of roads to be built and

to the amount to be expended for each particular road, but it has been shown that there was no desire at any time on the part of the Highway Commission of the County to conceal any of the work of the Board.

BRIDGES AND DAMS.

OAKLAND, CAL.—Wharf improvement. Cost not stated. Engineer's name not given. Owner, De Fremery Wharf and Land Co., Oakland. The Railroad Commission has granted the De Fremery Wharf and Land Co. permission to bond the company's property for \$110,000 in order that certain improvements to the company's Oakland wharves may be made at once.

LOS GATOS, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans have been completed and approved for constructing a reinforced concrete bridge over Los Gatos Creek at the Infirmary Road. The bridge will be of the arch type. Bids are now being taken and will be opened on October 5th. Plans and specifications can be secured from the County Surveyor at San Jose.

OAK BAY AND PORT TOWNSEND BAY, WASH.—Canal construction, \$75,000. Engineers, United States Engineers, Burke Bldg., Seattle. Owners, United States Government. Plans have been completed by the United States Engineers for a canal 1,800 feet long, connecting these two bays. Bids for this work are now being taken and will be opened on October 16th. The project also calls for two jetties, each 600 feet long of creosoted piling, brush and stone. There will also be a 2,000 foot bulkhead. The canal will be 75 feet wide at the bottom and 15 feet deep at low water, and will call for the removal of about 255,000 cubic yards of materials. Plans and specifications together with complete details can be had by addressing the United States Engineers, Burke Bldg., Seattle.

NICOLAUS, SUTTER CO., CAL.—Bridge and road construction, \$270,000. Engineer, County Surveyor, Yuba City. Owners, Sutter County. The Sutter County Board of Supervisors has taken up the matter of the proposed Nicolaus bridge, which will connect Yuba City with Sacramento, and urge that early action be taken on the matter. The proposed bridge will cost \$150,000 and a road to connect with the bridge will cost \$120,000.

Contracts Awarded.

OLYMPIA, WASH.—Bank, 2 story and base, reinforced concrete, \$30,000. Architect, W. P. White, Walker Bldg., Seattle. Owners, P. M. Troy and F. W. Stocking. Contractors, Fouts Construction Co., 815 Pike street, Seattle. Contract price, \$30,000.

SEATTLE, WASH.—Bulkhead work, excavating and creosoted piles, \$13,460. Engineer, W. J. Roberts, Tacoma. Owners, Inter-counties River Improvement Association. Contractors, Bearance & Cleaver, American Bank Bldg., Seattle. Contract price, \$13,460. The work provides for the following: 250,000 cubic yards of excavation work, 6,000 feet of piles, 90,000 feet of lumber, 3,500 pounds of iron and steel, 2 acres of clearing and grubbing and 600 cords of driftwood removed.

COURT HOUSES.

OROVILLE, BUTTE CO., CAL.—Hall of Records, 2 story and base, reinforced concrete, \$10,000. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owners, Butte County. The building will be designed in the classic style and will be of fireproof construction with reinforced concrete floors, walls and interior partitions of metal lath and hollow tile. Interior will be finished in pine, hardwood and metal. There will be steam heat and a vacuum cleaning plant. Metal furniture and shelves will be specified. Plans also provide for fireproof vaults. Exterior of the building will be faced with cement plaster. Plans are being prepared.

FACTORIES AND WAREHOUSES.

SAN JUAN, SAN BENITO CO., CAL.—Cement plant reconstruction, \$250,000. Engineers, Hunt Engineering Co., Kansas City, Mo. Owners, Old Mission Portland Cement Co. It is probable that the cement plant of the Old Mission Portland Cement Co., located at San Juan in San Benito County, will be reconstructed and again put in operation. Frank L. Brown of San Francisco, together with representatives of the Hunt Engineering Co., of Kansas City, Mo., visited the works last week. The Hunt Engineering Co. agrees to install \$250,000 worth of modern machinery and will carry stock in the company.

FIRE HOUSES AND JAILS.

SAN FRANCISCO.—Fire house electric work. Cost not stated. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed for the installation of a conduit system and other electric work in connection with the building of the central fire alarm station in Jefferson Square. Bids for this work are now being taken and will be opened by the Board of Public Works on September 30th. Plans and specifications can be secured from the Department of Architecture.

FLATS.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, John J. Binet Co., 68 Ramona avenue, S. F. The building will be erected on the south side of 23rd street west of Kansas, and has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine and redwood with some oak floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

GOVERNMENT WORK & SUPPLIES.

Building, Pearl Harbor.

The bid of the Lord-Young Engineering Co. of Honolulu, H. T., \$60,975 in amount, has been accepted for the construction of five industrial build-

ings at the naval station, Pearl Harbor, H. T.

San Francisco, Cal., Shelving, Etc.

The contract for installing metal counters, screen partitions, shelving, etc., in the U. S. subtreasury, San Francisco, Cal., has been awarded to the Steel Fixture Mfg. Co., Topeka, Kan., at \$1,982.

Idaho Falls, Idaho, Plaster Models.

The contract for furnishing plaster models for the U. S. post office at Idaho Falls, Idaho, has been awarded to Ernest C. Bairstow, Washington, D. C., at \$1,108.

Boise, Idaho, Screens.

The contract for furnishing door and window screens for the U. S. post office at Boise, Idaho, has been awarded to the McTea Green Manufacturing Co., 762 N. Euclid avenue, St. Louis, Mo., \$1,119.50; time, 4 months.

Portland Cement.

The Secretary of the Interior has authorized the Reclamation Service to award contract to the International Portland Cement Co., of Irvin, Wash., for the delivery of 10,000 barrels of Portland cement for use in connection with the Umatilla irrigation project, Ore. The contract price is \$1.15 per barrel f. o. b. cars at Irvin, Wash.

Walla Walla, Wash., Counters, Etc.

The contract for installing counters and gates, etc., in the U. S. post office and court house at Walla Walla, Wash., has been awarded to the Walla Walla Lumber Co., Walla Walla, Wash., at \$743; time, 60 days.

Portland, Ore., Roof Repairs.

The following bids were received by the custodian, U. S. custom house, Portland, Ore., for repairs to roof of the above named building:

J. C. Bayer, Portland, Ore., \$1,650; 30 days.

H. Hirschberger Co., Portland, Ore., \$1,537; 40 days.

Edward Barrett, Portland, Ore., \$1,950; 42 days.

Salt Lake City, Utah, Furniture.

The contract for installing furniture in the U. S. post office at Salt Lake City, Utah, has been awarded to Maly & Son at \$993.

San Francisco, Cal., Repairs and

Painting.

The contract for repairs and painting at the U. S. mint, San Francisco, Cal., has been awarded to Wagner Bros. at \$768.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Auditorium marble and tile work. Cost not stated. Architect, Supervising Architect J. J. Donovan, Oakland. Owners, City of Oakland. Bids opened for this work show Joseph Musto Sons-Keenan Co., S. F., low at \$21,770. Only two other figures were presented. A contract has not as yet been awarded. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Auditorium, 2 story and base, brick, \$52,600. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. Contractors, Trewhitt &

Shields, Fresno. Contract price, \$32,000.

HOSPITALS.

ELDRIDGE, SONOMA CO., CAL.—Epileptic cottage, 1 story, frame and concrete. Cost not stated. Architect, State Architect George R. McDougall, Sacramento. Owners, State of California. Plans have been completed for an "Epileptic Cottage for Girls," which will be erected at the Sonoma State Home. Construction will be of frame and concrete. Interior will be finished in pine throughout. Exterior of the building will be covered with either shakes or cement plaster on metal lath. Bids will be opened on October 19th. Plans and specifications can be secured from the State Department of Engineering at Sacramento. An official proposal appears in another column of this issue.

HOTELS.

OAKLAND, CAL.—Hotel and stores, 7 story and base. Class C construction. Cost not stated. Architect, George W. Patton, 2126 Emerson street, Berkeley. Owner, O. J. Meade. The building will be erected at the corner of Clay and Tenth streets and will cover an area of 50 by 100 feet. There will be eight stores on the ground floor besides the hotel lobby. Upper floors will contain in the neighborhood of 110 rooms, a large percentage of which will have private baths. Interior will be finished in pine and hardwood veneer. Some ornamental plaster will be used in the lobby. Patent store fronts will be specified. Plans provide for steam heat, elevator service and a hot water supply. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base. Class C construction. Cost not stated. Architects, Bordeaux-Johnson Architectural Co., Ferguson Bldg., L. A. Owner, Patrick Noble. The building will be erected on San Pedro street near Second, covering an area of 50 by 100 feet. There will be the main lobby and two stores on the first floor. Upper floors will contain 72 guest rooms and six baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

NORTH BEND, ORE.—Hotel, 4 story and base, brick and steel, \$100,000. Architect, J. E. Tourtellotte, Rothchild Bldg., Portland. Owner's name withheld. The building will be erected on a corner lot having frontages of 92 and 120 feet respectively. There will be five stores besides the hotel lobby, dining room and billiard room on the first floor. Upper three floors will contain in the neighborhood of 80 guest rooms, nearly all of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, a passenger elevator and hot water system. Bath rooms will be finished in tile. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and sub-

figures will be taken at once. The brick and carpentry work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 7 story and base, reinforced concrete, \$70,000. Architect, L. L. Jones, Central Bldg., L. A. Owner, Charles W. Howard. Contractors, Hunziker & Berger, Hollingsworth Bldg., L. A. Contract price, \$70,000.

LIBRARIES.

BERKELEY, ALAMEDA CO., CAL.—Library, 1 story and base, brick and frame, \$16,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. The building has been designed in the classic style and will be erected at the corner of San Pablo and University avenues. Interior will be arranged for a large reading room, librarian's office and stack room. There will be a maple floor and metal book stacks. Interior will be finished in pine. A central heating system, probably furnace heat, will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Santa Cruz. The building will be erected in Garfield Park, and has been designed in the classic style. There will be two large reading rooms, office and stack and work rooms. Interior finish will be largely of pine with some hardwood veneer. Maple floors will be used. A central heating system will be installed. Metal book shelves will be specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on October 5th. Plans can be secured from the architect.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO — Telephone exchange. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures will be opened on September 29th for furnishing and installing a complete telephone exchange system in the Food Products Building at the Exposition Grounds. This work was formerly figured but all bids received were regarded in excess of the cost and were rejected. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO — State exhibit buildings, 2, 1 story, frame and plaster. Cost not stated. Architect, State Architect R. B. Spencer, Jackson, Miss. Owners, States of Alabama and Mississippi. Commissioners from both Mississippi and Alabama are in the city completing arrangements for the construction of the buildings to be erected at the Panama-Pacific International Exposition. R. B. Spencer is the State Architect of Mississippi. Each of these States will expend in the neighborhood of \$25,000 for their buildings.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SEATTLE, WASH.—Railroad tunnel, \$2,200,000. Engineer's name not given. Owners, Bridge Belt Railroad and Navigation Co., represented by A. P. Gillies, Henry Bldg., Seattle. Councilman Fitzgerald will introduce an ordinance in the city council granting a franchise for the Bridge Belt Railway and Navigation Co. to construct a tunnel under the city. The ordinance is now in the councilman's possession, and, after passage, work on the structure will not be delayed. The ordinance calls for the construction of a concrete lined tunnel from Virginia and Elliott, along Elliott to Cedar, thence to Clay, to Broad and along Broad to Lake Union. The tunnel will be either 17 by 22 feet or 20 by 25 feet in diameter, lined with concrete and will cost \$800,000 per mile, making a total cost for the three miles over \$2,000,000.

RESIDENCES.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, P. P. Quinn, 110 Jessie street, S. F. The dwelling will be erected on the east side of 4th avenue north of Fulton, and has been designed for a seven-room house with bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, M. A. Donovan, 430 Sanchez street, S. F. The dwelling will be erected on the west side of 21st avenue south of California, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the two principal rooms. There will be an open fire place in the living room with tile or brick mantel. The wainscot will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Ernest W. Elliott, 155 Alma street, S. F. The dwelling will be erected on the east side of 1st avenue near Balboa street, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will open fire places and tile or brick mantels. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Bungalows, 2, 1 story and base, frame, \$3,000 each. Ar-

chitect, Clay N. Burrell Albany Bldg., Oakland. Owner, Mr. Charleston. These two houses will be erected at the corner of Fruitvale avenue and Claremont street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Thayer. The dwelling will be erected on Mountain avenue and has been designed for an eight-room house with two baths and sleeping porches. Interior finish will be of pine and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Leo L. Nichols, First Trust Bldg., Oakland. Owner, T. W. Moran. The dwelling will be erected on the south side of Ferry street near Crescent, and has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Mount Aarat Tract and has been designed to contain seven rooms and bath. A garage will be erected in the rear of the property. Interior of the house will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, C. M. Hodgkin. The dwelling will be erected on San Bonito Road near Spruce street, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans pro-

vide for furnace heat and open fire places. Mantels will be of tile or brick. The wainscot and floors will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now complete and figures are being taken by the Architects.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalows, 2, 1 story and base, frame, \$2,500 each. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner, Chester H. Miller. These dwellings will each contain six rooms and bath and will be erected in the Yosemite Terrace Tract. Interior will be finished in pine and redwood. Some hardwood floors will be used. Each living room will have a large open fire place and tile or brick mantel. The wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

AYENA, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Chester H. Miller, Dalziel Bldg., Oakland. Owner, Roy H. Fish. The dwelling has been designed for a six-room house with bath, and will be finished entirely in pine and redwood. Some oak floors will be used. There will be a large open fire place and tile mantel in the living room. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared and when complete the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Charles McKenzie, Bank of San Jose Bldg., San Jose. Owner, A. Lesta. The dwelling will be erected on George street near Poplar, and has been designed to contain five rooms and bath. Pine and redwood interior trim will be used throughout. There will be an open fire place and tile or brick mantel. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, none. Owner, Mrs. R. B. Harper, 178 North 4th street, San Jose. The dwelling will be erected on North 4th street, and has been designed for a five-room house with bath. Interior will be finished in pine and redwood with some hardwood floors. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are in the hands of the owner who will do the work by Day Labor.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, D. S. Dunphy. This dwelling has been designed for a summer home and will contain five rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile or brick mantels. Bath rooms and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be

covered with shingles. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the south side of Lincoln way east of 24th avenue, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$3,500. Architect, Claude B. Barton, First Trust Bldg., Oakland. Owner, H. P. Houston. The dwelling has been designed to contain six rooms, bath and sleeping porch, and will be erected in Piedmont Manor. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, G. T. Landis, 2517 36th street, Sacramento. The dwelling will be erected on Y street and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PORTLAND, ORE.—Residence, 2½ story and base, brick and frame, \$12,000. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owner, O. B. Stubbs. The dwelling will be erected at the corner of 23rd and Stephens streets and will be designed in the Colonial style. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Chambers will be finished in white enamel. There will be steam heat and a hot water system. Open fire places and tile or brick mantels will be used. Bath rooms will be finished in tile and equipped with showers. A garage will be erected on the rear of the lot. Exterior of the dwelling will be covered with a veneer pressed brick and cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Walter Gregg, 2907 Mission street, S. F. The dwelling will be erected on Newton street and has been designed to contain six rooms and bath. Pine and redwood interior finish will be used. There will be an open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath. Exterior of shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story

and base, frame, \$4,000. Architect, Joseph A. Leonard, 85 Corritos avenue, S. F. Owners, Urban Realty Co., for Karl Diefenbach. The dwelling will be erected on Urbano Drive and has been designed to contain seven rooms bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and floor. An automatic water heater will be installed. Exterior of the house will be covered with shingles and klinker brick veneer. Plans are complete and the work will be done by Day Labor. Materials are now being purchased by the architect.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Peter D. Polodoni, 638 Cole street, S. F. The dwelling will be erected on the east side of Belvedere, south of Parnassus avenue, and has been designed for a seven-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

PORTLAND, ORE.—Residence, 2 story and base, brick and tile, \$12,000. Architect's name not given. Owner, H. F. Kalvelage. Contractor, A. W. Horn, 690 Market street, Portland. Contract price, \$12,000.

SCHOOLS.

BURLINGAME, SAN MATEO CO., CAL.—School, 1 story and base, frame and plaster, \$25,000. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Owners, Burlingame School District. A note has been sent out stating that the opening of bids for this work has been postponed until September 22nd. A complete list of the figures will be found in the next issue of the Building and Industrial News.

PALO ALTO, SANTA CLARA CO., CAL.—Gymnasium, 1 story and base, brick and steel. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Plans for the Men's gymnasium to be erected on the Campus of the University have been completed. The building will have a frontage of 340 feet and will vary in depth. Interior will be finished in pine with maple floors. There will be complete mechanical and gymnasium equipment. A large swimming tank will be installed. Steam heat and vacuum cleaning are specified. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick and reinforced concrete. Cost not stated. Architects, Coates & Traver, Rowell

Bldg., Fresno, and Head Bldg. S. F. Owners, Fresno School District. The building will be the largest of the new Fresno schools which are being erected out of the \$4,500,000 bond issue, and will be erected in the Webster District. Plans show a modern school containing fifteen class rooms, principal's office, teachers' rooms, assembly hall and domestic science and manual training departments. Interior will be finished in pine with maple floors. There will be a steam heating system, complete oil burning equipment, program clocks and vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on October 23rd. Plans and specifications can be secured from the architects.

PORTLAND, ORE.—Parish school, 2 story and base, brick, \$35,000. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Roman Catholic Church. The first building of a group to be erected at 17th and Davis streets will be a combination school and parish house, covering an area of 45 by 129 feet. Interior will be finished in pine and hardwood with some hardwood floors. There will be a central heating system, probably steam heat. Modern school plumbing will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures for this work are now being taken.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—School group, 5, 1 and 2 story, brick and hollow tile, \$240,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, San Bernardino Union High School District. The Administration building will be 152 by 70 feet, with a rear wing, 72 by 130 feet, to contain the auditorium; the science hall and classics building will each be 72 by 132 feet, home economics building, 70 by 112 feet, physical culture building will be 60 by 120 feet, and manual training building, 187 by 112 feet. The latter building will also contain a central building which will be one story and a mezzanine floor, and the other buildings each two stories in height. There will be brick and hollow tile exterior walls, cement plaster or pressed brick exterior finish, asbestos, slate or tile roofing in the three main buildings, composition roofs on the others. There will be pine trim, pine and maple floors, lavatories, heating system, etc. Plans are complete and figures are being taken. Bids will be opened on October 17th. Separate bids will be received as follows: On the general work, plumbing, painting, heating and ventilating, electric wiring and program clocks.

SAN FRANCISCO—Mission house, 3 story and base, frame, \$10,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Board of Home Missions of the Methodist Episcopal Church. The building will be erected on Pine street near Larkin, and will contain class rooms and living apartments. Interior will be finished in pine throughout. There will be a central heating system and hot and cold running water. Exterior of the building will be covered with rustic. Plans are complete and figures are now being taken for the work.

SEWERS, STREET WORK & WATER SYSTEMS.

CALIFORNIA.—Pumping plants, 17, 1 story, steel and corrugated iron. Cost not stated. Engineers, Sanderson & Porter, Nevada Bank Bldg., S. F. Owners, American Pipe Line Co., 313 Sansome street, S. F. Seventeen pumping plants will be erected along the line of the American Pipe Line from the Colingua oil fields to Martinez. These buildings will have a complete steel frame, cement floor and exterior covered with corrugated iron. The equipment will be designed for raising the pressure and heating the oil as carried through the line.

STORES AND OFFICES.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story and base, brick and frame, \$5,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, J. E. Wheeler. The building will be erected on Adeline street near Ashby, and will cover an area of 30 by 68 feet. There will be several retail stores. Interiors will be finished in pine. Patent store fronts and plate glass windows will be installed. Exterior will be covered with pressed brick and cement plaster. Plans are complete and figures are being taken.

THEATRES.

SAN FRANCISCO.—Theatre, 1 story and base. Class A construction. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on Van Ness avenue near Sacramento. The building will be a three-story structure with a seating capacity of 1,500 people. Interior will be finished in ornamental plaster. There will be special electric work and a modern system of ventilation. Exterior will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SPOKANE, WASH.—Theatre alteration. Class A building, \$60,000. Architect, E. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex. Pantages. The entire front of the building will be torn out and faced with pressed brick and terra cotta. The interior will also be plastered and decorated. A large amount of ornamental plaster will be used.

AT THE COST OF ETERNAL PAIN.

The World Will Never Recover From The Effects of Europe's War.

From Collier's Weekly. Now Armageddon has a real meaning—now we have roaring in our ears the thunder of the captains and the shouting of a continent in conflict. If this be not Armageddon, we shall never suffer that final death grip of the nations. "For they are the spirits of devils, working miracles, which go forth unto the kings of the earth and of the whole world, to gather them to the battle of that great day of God Almighty."

Civilization itself stands in jeopardy. The nations which are at war are the custodians of enlightenment for the earth, and they are entrapped into

treason to their trust. For, after all has been said on the side of the virtues developed by war, we know that these peoples will not be the same peoples after this tornado has swept them. For the destruction of a Galveston, the shaking and burning of a San Francisco, the overwhelming of a Dayton, the wrecking of an Omaha or the inundating of a Johnstown there is a remedy in mutual help and intensified industry and enterprise. Those calamities come from man's defeat at the hands of Nature; but this infernal thing in Europe is man's defeat of himself. The index number of everything good will stand lower after it is over. The pressure gauge of efficiency will fall when it is over. Indeed, it will never be over.

The long climb to the uplands of the soul, toward which mankind struggles, is not gained by sudden leaps; and a long, tragic slip like this must be regained by effort which would otherwise be unnecessary. A thousand years from now the world will be suffering morally and spiritually from the effects of this unthinkable thing which has come upon us. We may have gained heights, but they will be lower than the levels upon which we should have stood if the villain Berchthold had not thought he could bluff the imbecile Nicholas.

How will it affect the United States? Morally we shall suffer with the rest of the world. We shall not be so deeply imbued as we might be if we plunged our own hands in the blood of our fellows as our poor brethren in Europe are doing; but we, too, shall be degraded by the blood lust turned loose upon the world's psychology. No man liveth unto himself alone nor dieth unto himself alone. We are members one of another. More than ever before in the world's history are the nations members one of another. These peoples are our fathers and mothers, as well as our brethren. Every drop of blood shed is blood flowing in the veins of Americans. From the breast of every man in arms there run the threads of consanguinity to us. We shall feel thrilling, from man to man and from family to family, the hatreds let loose across the water. This is a part of the spiritual penalty we shall pay as members of the white race for this white man's suicidal war.

NEW SUPERINTENDENT OF THE BONDING DIVISION OF THE ROYAL INDEMNITY COMPANY.

The Royal Indemnity Company has appointed Jesse M. Whited as Superintendent of the Bonding Division with offices in the Royal Insurance Building, Pine and Sansome streets.

The Royal Indemnity Company is as solid as the "Rock of Gibraltar," and any business intrusted in Mr. Whited's care will be carefully and promptly attended to.

AT NAPOLEON'S TOMB.

"A little while ago I stood by the grave of Napoleon—a magnificent tomb of gilt and gold, fit almost for a deity dead—and gazed upon the sarcophagus of rare and nameless marble, where rest the ashes of that restless man. I leaned over the balustrade and thought about the career of the greatest soldier of the modern world.

"I saw him walking upon the banks of the Seine, contemplating suicide. I saw him at Toulon—I saw him putting down the mob in the streets of Paris—I saw him at the head of the army of Italy—I saw him crossing the bridge of Lodi with the tri-color in his hand—I saw him in Egypt in the shadow of the pyramids—I saw him at Marengo—at Ulm and Austerlitz. I saw him in Russia, where the infantry of the snow and the calvary of the wild blast scattered his legions like winter's withered leaves. I saw him at Leipzig in defeat and disaster—driven by a million bayonets back upon Paris—clutched like a wild beast—banished to Elba. I saw him escape and retake an empire by the force of his genius. I saw him upon the frightful field of Waterloo, where Chance and Fate combined to wreck the fortunes of their former King. And I saw him at St. Helena, with his hands crossed behind him, gazing out upon the sad and solemn sea.

"I thought of the orphans and widows he had made—of the tears that had been shed for his glory, and of the only woman who ever loved him, pushed from his heart by the cold hand of ambition. And I said I would rather have been a French peasant and worn wooden shoes. I would rather have lived in a hut with a vine growing over the door, and the grapes growing purple in the amorous kisses of the autumn sun. I would rather have been that poor peasant, with my loving wife by my side, knitting, as the day died out of the sky—with my children upon my knees and their arms about me—I would rather have been that man, and gone down to the tongueless silence of that dreamless dust, than to have been that imperial impersonation of force and murder known as Napoleon the Great."—Robert G. Ingersoll.

AFTER 100 YEARS.

It is an interesting fact that just one hundred years ago this month the Congress of Vienna met to remake the map of Europe after it had been unmade by Napoleon. It is also still more interesting and much more important to be reminded that of all the things which come out of that Congress of Vienna, the only one which has lasted, because the only one founded in justice and in the real interest of humanity, is the American Monroe Doctrine. The dominant element in that Congress of Vienna was the so-called holy alliance of the emperors of Russia and Austria and the king of Prussia, which concealed behind plausible pretexts its real purpose of antagonizing the growth of democracy throughout the world. Most of the purposes of the holy alliance defeated themselves, but one of the things which it called forth was the Monroe Doctrine, whose intent was to keep the holy alliance and its plots out of the American continent. Everything else in the Congress of Vienna finally went to pieces, and now, a hundred years later, everything left of all the successors of that congress is now going to pieces and the Monroe Doctrine, its incidental offshoot, is the only guarantee of the only peace now left in the world.—Fresno Republican.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. October 13, 1914, for the construction of Nelson reservoir outlet canals, dikes and controlling works, involving about 67,500 cubic yards of earth excavation, 1,200 square yards of rock paving and 30 cubic yards of reinforced concrete. The work is situated about 1½ miles north of Ashfield Station on the main line of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Mont. or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 868—Proposals for Steel, Wire, Cable, Files, Drill Sleeves, Stocks and Dies, Taps, Twist Drills, Hoops, Metallic Tapes, Manila Rope, Rubber Packing, Cotton Sheet-iron, Cotton Canvas, Coal Tar, Linseed Oil, Japan Varnish, Orange Shellac, Varnish, Burnt Umber and Acetone—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 3:30 a. m. September 30, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 868) may be obtained from this office or the office of the assistant purchasing agent, 1089 North Point street, San Francisco, Cal.; also from the engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WATER HEATER.

WATER HEATER—Sealed proposals invited "Proposals for Filtering Feed-Water Heater" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 3, 1914, and then and there publicly opened, for furnishing and installing feed-water heater at the naval hospital, Las Animas, Colo. Specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR COAL PLATFORM.

COAL PLATFORM AND FLUME—Sealed proposals indorsed "Proposals for Extension to Coal Platform and Flume" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 10, 1914, and then and there publicly opened, for extension to coal platform and flume at the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau or to the officer in charge, naval coal depot, San Diego, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL.

STEEL—U. S. Engineer Office, Room 707, Army Building, New York, N. Y.—Sealed proposals for structural steel for Philippine island will be received at this office until 12 o'clock m. September 28, 1914, and then publicly opened. Information on application, S. W. ROESSLER, colonel, engineers.

PROPOSAL FOR ENGINES.

ENGINES—Sealed proposals will be received at the office of the light house inspector, San Francisco, Cal., until 2 o'clock p. m. September 29, 1914, and

then opened, for furnishing duplicate internal combustion engines, with direct connected air compressors, about 30 horsepower each. Blank proposals and particulars may be obtained by addressing the light house inspector, San Francisco, Cal.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Monday, October 19th, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as **Cottage for Epileptic Girls**, Sonoma State Home, Eldridge, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope, "Proposal for Cottage for Epileptic Girls, Sonoma State Home, Eldridge, California." (Signed) W. F. MCCLURE, State Engineer.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

October 12 o'clock P. M., October 5, 1914.
Yuba County from Shively to Jordan Creek (I-Hum-1-D), about 2.7 miles in length, to be graded.

Humboldt County from Loloita to Peacock (I-Hum-1-D), about 4.3 miles in length, to be graded.

Alameda County from the easterly county boundary to Altamont (IV-Ela-5-A), about 5.3 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from San Luis Obispo Creek to Cuesta (V-S, L. O-2-D), about 3.6 miles in length, to be graded.

Santa Barbara County from Zaca Station to Los Alamos (V-S, B-2-C), about 8.7 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-Imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

October 12 o'clock P. M., October 5, 1914.
San Luis Obispo County from Atascadero Creek to Paso Robles (V-S, L. O-2-B), about 10.0 miles in length to be built of Portland cement concrete.

Sacramento County from Folsom to

the easterly county boundary (III-Sac-11-A), about 8.3 miles in length, to be built of Portland cement concrete.

Solano County from Vacaville to Batavia (III-Sol-7-D), about 8.2 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Divide to Orcutt (V-S, B-2-A), about 3.6 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Stony Creek to El Capitan Creek (V-S, B-2-G & I), about 10.2 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willets, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CARLETON,
Acting Secretary.

Dated Sept. 2, 1914. *Sept. 10-17-24, Oct. 1

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday September 29, 1914, for **Constructing Telephone Exchange, Food Products Building**, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount of the bid, or the same will not be considered.

When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all contracts submitting bona fide defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Offices & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED bids will be received by W. F. McLure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, Thursday, September 24, 1914, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of buildings to be known as "Hospital Cottages" and "Typical Cottages Nos. 1 and 2," California School for Girls, Ventura, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Said bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McLure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for 'Hospital Cottages' and 'Typical Cottages Nos. 1 and 2,' California School for Girls, Ventura, California."

(Signed) W. F. McLURE,
State Engineer. (*)

PROPOSALS FOR WHARF AND SHED

WHARF AND SHED—Sealed proposals indorsed "Proposals for Wharf and Wharf Shed" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. September 26, 1914, and then and there publicly opened, for a wharf and wharf shed at the nava" torpedo station, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

LUMBER PRODUCTION IN 1913.

The production of lumber in the United States in 1913 was about three-quarters of a billion board feet less than in 1912, according to the official figures just issued by the United States department of agriculture.

In 1913, 21,294 mills reported a production of 38,387,000,000 board feet, as against 39,154,414,000 feet reported by 26,649 mills in 1912.

Washington heads the list with a cut of slightly more than four and one-half billion feet. California is thirteenth, with a production of 1,183,280,000 feet.

Timber to the amount of 57,607,000 board feet, valued at \$121,012.58, was cut from the national forests in California during the fiscal year ending June 30, 1914.

Of this amount 8,416,000 board feet was granted free to local residents for

domestic use, and 593,600 board feet cut by settlers and farmers for use in developing their farms and homesteads. The latter was sold at rates of 25 cents per cord or 50 cents per thousand board feet, which represents the actual cost to the forest service of administering the sales. The remainder of the timber cut—amounting to 48,598,000 board feet, was sold for the general market at commercial rates.

The total cut and value from each of the nineteen national forests within the State was as follows:

Angeles	1,411,000	\$ 2,203.08
California	1,151,000	2,402.59
Cleveland	165,000	352.22
Eldorado	1,126,000	2,533.59
Inyo	1,896,000	4,249.09
Kern	1,118,000	2,041.12
Klamath	1,880,000	2,120.02
Lassen	1,054,000	2,751.62
Modoc	3,760,000	7,303.08
Mono	684,000	2,199.35
Monterey	280,000	986.22
Plumas	8,491,000	26,137.44
Santa Barbara	243,000	1,058.06
Sequoia	2,407,000	4,534.14
Shasta	6,615,000	13,241.76
Sierra	8,482,000	14,538.98
Stanislaus	3,222,000	6,964.50
Tahoe	11,081,000	20,741.73
Trinity	2,438,000	4,551.99

Totals

57,607,000 \$121,012.58

PRODUCTION OF SILICA IN 1913.

The marketed production of silica in the United States in 1913, as reported to the U. S. Geological Survey, was 232,192 short tons, valued at \$953,832. The general term silica includes vein quartz, sand and crushed sandstone, tripoli, and diatomaceous earth. The marketed production of quartz in 1912 was 97,902 short tons, valued at \$191,685 in 1912. There was a total production in 1913 of 106,857 short tons of sand and sandstone used in paint fillers, polishing powders, scouring materials, etc., valued at \$466,523. The production of tripoli in 1913 was 20,831 short tons, valued at \$215,617. The total output of diatomaceous earth in 1913 was 6,602 short tons, valued at \$69,304.

The principal uses of silica, as stated by Frank J. Katz in a chapter from "Mineral Resources of the United States for 1913" just published by the U. S. Geological Survey, are in the manufacture of pottery, paints, scouring soaps, as a wood filler, and as a polisher.

The material known commercially in the United States as tripoli yields an excellent grade of pulverized silica, which is used for the same purposes as silica powder. Diatomaceous (infusorial) earth is also used to make polishing powder for purposes similar to those for which quartz, sand, and tripoli powders are used, but diatomaceous earth has somewhat different properties and finds for the most part different application.

Quartz crushed and graded to various sizes is used in the manufacture of sandpaper and sand belts, as a scouring agent, and for "frosting" glass with sand-blast apparatus, etc. Quartz and quartzite are used in the chemical industry as a filler for acid towers and as a flux in copper smelting.

Crystalline quartz and also sand have been used in the manufacture of silicon and of alloys of silicon with iron, copper, and other metals in the electric furnace. Quartz may be fused in the electric furnace to make chemical apparatus, such as tubes, crucibles, and dishes.

A copy of the report may be obtained free on application to the Director of the Geological Survey, Washington, D. C.

COLD EXPORT CEMENT AT ONCE.

The United States imports relatively little hydraulic cement, only 84,630 barrels having been imported in 1913, whereas the domestic production in that year was nearly 92,000,000 barrels. There is little or no need to import any cement, for all parts of the country are now fairly well supplied with mills for the manufacture of Portland cement, and the supply of raw materials is practically inexhaustible. A significant feature of the cement industry, however, is the fact that, though only about 80 per cent of the normal cement-producing capacity of the country is employed at the maximum, there is often an overproduction; yet the exports of hydraulic cement have scarcely exceeded 1,200,000 barrels in any year, this amount being only about 5 per cent of the total output—not sufficient to take care of the surplus production in a year of great activity.

There seem to be excellent reasons for stimulating the export trade in cement as rapidly as possible, for, although the export of a relatively bulky and low-priced material such as cement does not promise large direct profits to an individual producer, indirectly the creation and maintenance of an export trade should benefit the industry at large through the opportunity afforded of disposing of surplus stocks and thereby tending to maintain steadier prices. Bulletin 599, U. S. Geological Survey.

Naillless boes, held together by wires, have been patented by a Florida man for shipping fruit.

TWO STRAIGHT STREETS.

In viewing Manhattan from a point of vantage on the Metropolitan tower, nearly 700 feet from the sidewalk, one is chiefly impressed by the rigid lines which Park and Madison avenues cut through the length of the island. A tapeline drawn through a miniature model city could not be straighter. A twelve inch rifle discharged at Twenty-third street would send its bullet straight into Harlem without touching a building on either side.—New York

Tobacco, says an English chemist, contains nicotine, nicotinine, nicotoline, pyroloidine, methyl, pyrrolidine, cellulose, calcium, pectate, chlorophyll, phlophaphen, oxalic acid, tannic acid, acetic acid, nitric acid and starch.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, P. P. Quinn, 110 Jessie street, S. F. The dwelling will be erected on the east side of 4th avenue north of Fulton, and has been designed for a seven room house with bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, M. A. Donovan, 430 Sanchez street, S. F. The dwelling will be erected on the west side of 21st avenue south of California, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the two principal rooms. There will be an open fire place in the living room with tile or brick mantel. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Ernest W. Elliott, 155 Alma street, S. F. The dwelling will be erected on the east side of 41st avenue near Balboa street, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—7 story and base. Class A construction, \$150,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, Mr. Morehead. The building will be erected at the northwest corner of California and Mason streets, covering an area of 66 by 70 feet, and will be a fireproof building throughout. The upper two floors will be fitted up for the exclusive use of the owner, while each of the five lower floors will contain one apartment each. Interiors will be finished to suit the tenants. Among the many features of the building will be a swimming tank, roof garden and billiard hall. Interiors will be finished in pine and mahogany with Caen stone in the halls. There

will be steam heat, elevator service, electric dumb waiters and vacuum cleaning system. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster in imitation of cut stone. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$20,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owners, Smith & Stewart, 244 Kearny street. The building will be erected at the northeast corner of Pacific and Taylor streets, covering an area of 32½ by 54 feet. Interior has been arranged for a total of 15 suites of two rooms each. Pine, mahogany and white enamel will be used for interior finish. All rooms will have hardwood floors. There will be steam heat, an automatic elevator, hot water system and vacuum cleaning. All apartments will have wall beds and private baths. Bath rooms will be finished in tile. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures will be taken at once.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Chestnut street east of Hyde, and has been designed to contain twelve suites of two and three rooms. Interiors will be finished in pine, redwood and elm panels. Some hardwood floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base. Class C construction, \$25,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Mr. Pomme. The building will be erected on the south side of Turk street east of Polk, and will contain a number of two and three room suites besides one store. Interior finish will be of pine and elm panels. There will be steam heat, an automatic elevator and hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble. Plans provide for patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

TELEPHONE EXCHANGE—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures will be opened on September 29th for furnishing and installing a complete telephone exchange sys-

tem in the Food Products Building at the Exposition Grounds. This work was formerly figured, but all bids received were regarded in excess of the cost and were rejected. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

FIRE HOUSE ELECTRIC WORK—Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed for the installation of a conduit system and other electric work in connection with the building of the central fire alarm station in Jefferson Square. Bids for this work are now being taken and will be opened by the Board of Public Works on September 30th. Plans and specifications can be secured from the Department of Architecture.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, John J. Binet Co., 68 Ramona avenue, S. F. The building will be erected on the south side of 23rd street west of Kansas, and has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine and redwood with some oak floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling will be erected on the south side of Lincoln Way east of 24th avenue, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile or brick mantel. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

PUMPING PLANTS—17, 1 story, steel and corrugated iron. Cost not stated. California. Engineers, Sanderson & Porter, Nevada Bank Bldg., S. F. Owners, American Pipe Line Co., 243 Sansome street, S. F. Seventeen pumping plants will be erected along the line of the American Pipe Line from the Coalinga oil fields to Martinez. These buildings will have a complete steel frame, cement floor and exterior covered with corrugated iron. The equipment will be designed for raising the pressure and heating the oil as carried through the line.

THEATRE—1 story and base. Class A construction. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Own-

er's name withheld. The building will be erected on Van Ness avenue near Sacramento. The building will be a fireproof structure with a seating capacity of 1,500 people. Interior will be finished in ornamental plaster. There will be special electric work and a modern system of ventilation. Exterior will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

STATE EXHIBIT BUILDINGS — 2, 1 story, frame and plaster. Cost not stated. San Francisco. Architect, State Architect R. B. Spencer, Jackson, Miss. Owners, States of Alabama and Mississippi. Commissioners from both Mississippi and Alabama are in the city completing arrangements for the construction of the buildings to be erected at the Panama-Pacific International Exposition. Each of these States will expend in the neighborhood of \$25,000 for their buildings.

APARTMENT HOUSE—2 story and base, frame, \$14,000. Architect, Albert Schroeffer, 68 Post street, S. E. Owner, Edwin S. Persson. The building will be erected at the southeast corner of Church and 24th streets, covering an area of 100 by 40 feet. There will be five stores on the first floor and a total of four suites of three and four rooms on the upper floor. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used. There will be steam heat and a hot water system. All apartments will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

MISSION HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Board of Home Missions of the Methodist Church. The building will be erected on Pine street near Larkin, and will contain class rooms and living apartments. Interior will be finished in pine throughout. There will be a central heating system and hot and cold running water. Exterior of the building will be covered with rustic. Plans are complete and figures are now being taken for the work.

RESIDENCE — 2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Walter Gregg, 2907 Mission street, S. F. The dwelling will be erected on Newton street, and has been designed to contain six rooms and bath. Pine and redwood interior finish will be used. There will be an open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath. Exterior of the building will be covered with shingles and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co., for Karl Diefenbach. The dwelling will be erected on Urbano Drive, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living and dining rooms.

There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot and floor. An automatic water heater will be installed. Exterior of the house will be covered with shingles and klinker brick veneer. Plans are complete and the work will be done by Day Labor. Materials are now being purchased by the architect.

RESIDENCE — 2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, Peter D. Polodoni, 638 Cole street, S. F. The dwelling will be erected on the east side of Belvedere south of Parnassus avenue, and has been designed for a seven-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Building Contracts Awarded.

SAN FRANCISCO.

No.	Owner	Contractor	Amt
3121	Clough	Conrad	13640
3122	Pacific G & E	Fordeier	3144
3123	Arguello	Nelson	253
3124	Yellowstone	Deco Con	10000
3126	Pacific T & T	Owner	1000
3127	Cahen	Cahen	20000
3128	Taish	Cox	3500
3129	Same	Same	3500
3130	Terese	Bailey	500
3131	Kelly	Kelly	400
3132	Jordan	Kiddle	500
3133	Pratt	Pratt	3000
3134	Schmidt	Schmidt	3000
3135	Quinn	Quinn	8000
3136	Hale	Cutts	400
3137	Cook	Coburn	800
3138	Rousseau	Rousseau	15000
3139	Kitchener	Fink	1585
3140	Loue	McArthur	2750
3141	Compton	Welsh	4172
3142	Nippon Kyosan	Dunnaway	22675
3143	Altube	Beach	450
3144	Rolandi	Rolandi	1000
3145	Nichols	Kilkenny	400
3146	Keating	Duebel	400
3147	Chunney	Chunney	400
3148	Arata	Arata	400
3149	Salanave	Salanave	400
3150	Peterson	Binet	5636
3151	Iside Inn	Kingrose	77500
3152	Sockolov	American Elec	3420
3153	Lagomarsino	Segale	4950
3154	Burnham	Wold	37150
3155	McNamee	McNamee	1200
3156	Maurer	Salomon	500
3157	Green	Green	00
3158	Wilson	Wilson	650
3159	Hencke	Atlas	450
3160	Fox	Fox	1600
3161	Lindsay	Lindsay	1150
3162	Binet	Binet	2750
3163	Cranarulo	Coburn	400
3164	Armes	Moore	10659
3165	Maloney	Maloney	2750
3166	P I E	Turner	2662
3167	Same	Van Sant	16400
3168	S P Co.	Lacey	6885
3169	P I E	Woodridge	7125
3170	Sullivan	Woodridge	7125
3171	Bekeart	Ferguson	550
3172	Heyman	Heyman	2500
3173	Hooker	Hooker	400
3174	Narberbury	Narberbury	2500
3175	Zaruba	Halling	450
3176	Christen	Mager	6138
3177	S F Com Club	Johns	336
3178	Same	Cal Art Metal	2447
3179	Schraeder	Schraeder	4900
3180	Li Cong Ch	Dalziel	4985
3181	Sockolov	Peterson	4340
3182	Dowell	Sarraille	5220
3183	Merto	Owner	2900
3184	Eschen	Yates	2900
3185	Same	Same	2900
3186	Marrs	McDiarmid	3600
3187	Lotze	Moray	3100
3188	Empey	Lundquist	1500
3189	Berger	Elvin	1400
3190	Raader	Roller	1100
3191	Amrehm	Woolfrey	1300

Nearest to Everything



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Best located and most popular hotel in the City; circulating ice water in every room.

Special attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management. Chester W. Kelley

3192	Watson	Allen	500
3193	St. Amant	Smith	750
3194	Young	Petersen	3440
3195	Prentice	Born	5000
3196	Newhall	Van Emon	2500
3197	Polodoni	Polodoni	3500
3198	McKenzie	Prout	10000
3199	Urban	Urban	4000
3200	Luttinger	Luttinger	1900
3201	Kohler	Klahn	2500
3202	Cushing	Wendering	2550
3203	4th & 5th St Clb	Cal Ellee	5985

FRAME RESIDENCE
(3121) S FRANCISCO 59-6 E Hyde E
38 S 97-6 W 35 N 42-6 W 3 N 55. Concrete, carpenter, mill, sheet metal, glazing, plaster, iron, marble, tile, plumbing, etc., for frame residence.

Owner.....Geo. A. Clough, Care Tobin & Tobin, Hibernia Bank Bldg., San Francisco.

Architect...Frederick D. Boese, 45 Kearny, San Francisco.

Contractor...Henry Conrad, 2854 Pine, San Francisco.

Filed Sept. 14, '14. Dated Sept. 8, '14.

Frame up	\$3410
Brown coated	3410
Completed and accepted	3410
Usual 35 days	3410

TOTAL COST, \$13,640

Bond, \$6820. Surety, Pacific Coast Casualty Co. Limit, 115 days. Forfeit, \$3. Plans and specifications filed.

SHEET METAL WORK FOR STATION
(3122) BLOCK BDED BY HUMBOLDT
23rd, Georgia and Louisianan P N
464. Sheet metal work for extension to station "A."

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect...None.

Contractor...Fordeier Corniee Works, 269 Potrero Ave., S. F.

Filed Sept. 14, '14. Dated Sept. 10, '14.
On completion 75%

Usual 35 days. 25%
 TOTAL COST, \$3144
 Bond, \$1572. Surety, National Surety
 Co. Limit, 20 days. Forfeit, none.
 Plans and specifications filed.

ALTERATIONS AND ADDITIONS
 3123 W VICKSBURG 204 S 22nd S
 28xW 100. Carpenter, plastering,
 plumbing, gas fitting, tinning, paint-
 ing, tinting, glazing, and hardware
 for alterations and additions to two
 story frame residence.

Owner.....Sarah E. Arguello, 22
 Vicksburg, San Francisco.
 Architect...None.
 Contractor...Holger Nelson, 4137 24th,
 San Francisco.

Filed Sept. 14, '14. Dated Sept. 12, '14.
 On signing agreement, 1 player
 piano valued at.....\$275
 Upon delivery of lumber of
 equal value 50
 Completed and accepted..... 50
 Usual 35 days..... 26
 Balance in 7 monthly install-
 ments of \$22.50 each.....

TOTAL COST, \$558.50
 Bond, \$250. Sureties, H. Nelson and
 C. Nelson. Limit, 30 days after Sept.
 14. Forfeit, none. Specifications only
 filed.

PAINTING FOR CONCESSION
 (3124) EXPOSITION SITE, Artistic
 painting, etc., for Yellowstone Park
 Concession.

Owner.....Union Pacific System Yel-
 lowstone Park Concession by
 J. R. Kathrens, Manager,
 Hearst Bldg., S. F.

Architect...E. J. Austen.
 Contractor...Decorative Constr. Co.,
 348 Hayes, San Francisco.

Filed Sept. 14, '14. Dated Sept. 3, '14.
 On 10th of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$10,000
 Bond, none. Limit, 90 days. Forfeit,
 \$20. Specifications only filed.

FRAME RESIDENCE

(3125) S CLAY 41-3 W Laurel. Two-
 story and basement frame residence.
 Owner.....Rose Hoffman Frederick.
 Architect...Milton Lichtenstein, 111
 Ellis, San Francisco.

Contractor...George G. Moren.
 -Frame up and roof boards on...\$1370
 Brown coated 1370
 Standing finish installed..... 1370
 Completed and accepted..... 1365
 Usual 35 days..... 1825

TOTAL COST, \$7300
 Bond, \$2650. Surety, Globe Indemnity
 Co. Limit, Jan 1, 1915. Forfeit, none.
 Plans and specifications filed.

ALTERATIONS

(3126) W OTIS, bet. Brady & Crocker
 Erect partitions and alter telephone
 exchange.

Owner.....Pacific Telephone & Tele-
 graph Co., Shreve Bldg.,
 San Francisco.

Designer...E. V. Cobby, 461 Market,
 San Francisco.
 Day's work. COST, \$1000

FRAME APARTMENTS

(3127) S SACRAMENTO 87-6 W Scott.
 Three-story frame (17) apartments.
 Owner.....Jos. Cahen and I. Rosen-
 berg, 45 Kearny, S. F.

Architect...None.
 Day's work. COST, \$20,000

FRAME DWELLING

(3128) E SEVENTH AVE 75 S Kirk-
 ham. Two-story frame dwelling.
 Owner.....A. J. Ralsch, 1108 Crocker
 Bldg., San Francisco.

Architect...None.
 Contractor...Cox Bros., 1375 9th Ave.,
 San Francisco.
 COST, \$3500

FRAME DWELLING

(3129) E SEVENTH AVE 100 S Kirk-
 ham. Two-story frame dwelling.
 Owner.....A. J. Ralsch, 1108 Crocker
 Bldg., San Francisco.

Architect...None.
 Contractor...Cox Bros., 1375 9th Ave.,
 San Francisco.
 COST, \$3500

ALTERATIONS

(3130) NO. 439 CORTLAND AVE.
 Alter front of store.
 Owner.....Philip Terese, 156 Treat
 Ave., San Francisco.

Architect...None.
 Contractor...J. M. Bailey, 310 Excelsior
 Ave., San Francisco.
 COST, \$500

FRAME COTTAGE

(3131) E TWENTY-FIFTH AVE 100
 S Lincoln Way. One-story frame
 cottage.
 Owner.....P. J. and Katherine A.
 Kelly, 3006 26th, S. F.

Architect...None.
 Day's work. COST, \$400

ALTERATIONS

(3132) NO. 51 COMMONWEALTH AVE.
 Alter partitions and bath in dwlg.
 Owner.....Jeanette A. Jordan, Prem.
 Architect...None.

Contractor...L. V. Riddle, 201 Euclid
 Ave., San Francisco.
 COST, \$500

FRAME DWELLING

(3133) N GEARY 32-6 E 36th Ave.
 Two-story and basement frame dwlg
 Owner.....J. J. Pratt, 6736 Geary,
 San Francisco.

Architect...None.
 Contractor...Roy A. Pratt & Co., 6632
 Geary, San Francisco.
 COST, \$3000

FRAME DWELLING

(3134) NE MOULTRIE & POWHAT-
 tan. One-story and basement frame
 dwelling.

Owner.....J. C. Schmidt, 91 Ellsworth
 San Francisco.
 Architect...None.
 Day's work. COST, \$300

FRAME DWELLING

(3135) E FOURTH AVE 192 N Fulton.
 Two-story and basement frame dwlg.
 Owner.....P. P. Quinn, 110 Jessie,
 San Francisco.

Architect...None.
 Contractor...P. P. Quinn, 110 Jessie,
 San Francisco.
 COST, \$3000

ADDITIONS

(3136) NO. 234 FARALLONE. Add to
 dwelling and concrete foundation.
 Owner.....L. Hale, Premises.

Architect...None.
 Contractor...L. Cutts, 20 De Wolf, S. F.
 COST, \$400

ALTERATIONS

(3137) NO. 2513 PACIFIC AVE. Elec-
 tric light wiring, extend dining room,

alter porches and minor repairs for
 residence.
 Owner.....H. T. Wood, Premises.
 Architect...T. Patterson Ross, 301
 California, San Francisco.
 Contractor...Ira W. Coburn, Inc.,
 Hearst Bldg., S. F.
 COST, \$900

FRAME APARTMENTS

(3138) N CALIFORNIA 110 E Leaven-
 worth. Three-story and basement
 frame (6) apartments.

Owner.....Rousseau Realty Co., Inc.,
 437-41 Monadnock Bldg.,
 San Francisco.

Architect...Rousseau & Rousseau, 441
 Monadnock Bldg., S. F.
 Day's work. COST, \$15,000

STORE FIXTURES

(3139) NO. 160 POWELL. Installing
 of show window and store fixtures.
 Owner.....Kitchener Schmulian Co.,
 Inc., 657 Market, S. F.

Architect...None.
 Contractor...The Fink & Schindler Co.,
 218 13th, San Francisco.

Filed Sept. 15, '14. Dated Aug. 31, '14.
 On signing of contract.....\$500
 30 days after..... 250
 Note dated Sept. 31, '14, payable
 30 days from date..... 250
 Note dated Sept. 31, '14, payable
 60 days from date..... 250
 Note dated Sept. 31, '14, payable
 90 days from date..... 335

TOTAL COST, \$1585
 Bond, none. Limit, 30 days. Forfeit,
 \$10. Plans and specifications filed.

FRAME DWELLING

(3140) E TWENTY-FIRST AVE 275 S
 Lincoln Way 25x120. All work for
 two-story frame residence.

Owner.....E. H. Loue, 335 Randal, S. F.
 Architect...None.
 Contractor...McArthur Bros., 1560 Fell,
 San Francisco.

Filed Sept. 15, '14. Dated Aug. 24, '14.
 Frame up\$687.50
 Brown coated 687.50
 Completed and accepted..... 687.50
 Usual 35 days..... 687.50

TOTAL COST, \$2750.00
 Bond, \$1375. Surety, Pacific Coast
 Casualty Co. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

FRAME RESIDENCE

(3141) E TWENTY-SECOND AVE 150
 N California N 25x E 120 O L 92. All
 work for two-story and basement
 frame residence.

Owner.....Geo. T. Compton, 323 Geary
 San Francisco.

Architect...Plans by Contractor.
 Contractor...Jas. Welsh.
 Filed Sept. 15, '14. Dated Sept. 10, '14.

Acknowledged receipt of.....\$500.00
 Rafters in place..... 918.12
 Brown coated 918.12
 Completed 918.12
 Usual 35 days..... 918.14

TOTAL COST, \$4172.50
 Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

CONCESSION

(3142) EXPOSITION SITE. All work
 for concession in Zone (Japan Beau-
 tiful).

Owner.....Nippon Kyosan Kaisha,
 Inc.
 Architect...Edward T. Foulkes, Crock-
 er Bldg., San Francisco.

Contractor...Dunnivant-Houghton-Van
 Sant, Inc., Exposition Site.
 Filed Sept. 15, '14. Dated Sept. 12, '14.

On 10th of each month 75%
Usual 35 days 25%
TOTAL COST, \$22,675
Bond, \$11,338. Surety, Southwestern
Surety Ins. Co. Limit, Nov. 25, 1914.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS

(3143) J. JONES 87-6 S Ellis. Brick
underpinning of hotel.
Owner.....B. Altube, 1506 Hewes
Bldg., San Francisco.
Architect...None.
Contractor...Beach & Heffernan, 1506
Hewes Bldg., S. F.
COST, \$450

FRAME DWELLING

(3144) S FOLSOM 62-6 W Rodgers.
Two-story frame cottage.
Owner.....P. Rolandi, Bank of Italy
Bldg., San Francisco.
Architect...None.
Day's work. COST, \$1000

ALTERATIONS

(3145) NO. 4446 GEARY. Lay cement
floor, repair roof and add corrugated
iron addition to shop.
Owner.....Bertha Nichols, 4804 Geary
San Francisco.
Architect...None.
Contractor...T. Kilkenny, 4438 Geary,
San Francisco.
COST, \$400

ADDITIONS

(3146) NO. 2735 GREENWICH. Build
garage in front basement.
Owner.....Mr. Keating, Premises.
Architect...None.
Contractor...Chas. Duebel & Co., 224
First, San Francisco.
COST, \$400

ALTERATIONS

(3147) NO. 50 MIZPAH. Raise, move
and add to cottage.
Owner.....Mrs. L. Chamey, Premises.
Architect...None.
Day's work. COST, \$500

ALTERATIONS

(3148) NO. 716 PACIFIC. Raise roof
and build fire walls.
Owner.....P. Arata, Premises.
Architect...None.
Day's work. COST, \$400

ALTERATIONS

(3149) NO. 933 PACIFIC. Alter build-
ing into flats.
Owner.....J. Salanave, 931 Pacific,
San Francisco.
Architect...None.
Day's work. COST, \$400

FRAME FLATS

(3150) N CUMBERLAND 92-6 W Guer-
rero 27-6x89. Lumber, painting,
plumbing, etc., for two-story frame
flats.
Owner.....A. E. Peterson.
Architect...None.
Contractor...John J. Binet Co., 68 Ra-
mona Ave., San Francisco.
Filed Sept. 16, '14. Dated Sept. 15, '14.
Frame up \$1409
Brown coated 1409
Completed 1409
Usual 35 days 1409
TOTAL COST, \$5636
Bond, \$1409. Sureties, Jos. L. Binet and
N. A. S. Lund. Limit, 100 days. Forfeit,
none. Plans and specifications
filed.

NEW YORK STATE BUILDING

(3151) EXPOSITION SITE. Complete
the general construction of the New
York State Building, which has been
partially done.
Owner.....Panama-Pacific Exposit-
tion Commission State of
New York.
Architect...Chas. B. Meyers.
Contractor...Rhody Klingrose & Son,
320 Market, San Francisco

Filed Sept. 16, '14. Dated Aug. 17, '14.
Payments of 85% monthly until
70% of total paid, then subse-
quent payments to be 95%.....
When completed 98%
Balance when contractor has
complied with all stipulations of
contract
TOTAL COST, \$77,500

Bond, \$41,000. Surety, The Aetna Acci-
dent & Liability Co. Limit, none.
Forfeit, \$100. Plans and specifications
filed.

CLASS "A" HOTEL

(3152) W POWELL 91-3 N Post N
46-1xW 80. Wiring for electrical
work for 15-story and basement
Class "A" hotel building.
Owner.....J. Sockolov, 1857 O'Farrell
San Francisco.
Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.
Contractor...American Elec. Eng. Co.,
435 Golden Gate Ave., S. F.

Filed Sept. 16, '14. Dated Aug. 27, '14.
Work on 5 floors ready for
plastering \$ 456
Work on 10 floors ready for
plastering 456
Entire job ready for plastering 456
Completed and accepted 1197
Usual 35 days 855
TOTAL COST, \$3420

Bond, \$1710. Surety, Massachusetts
Bonding & Insurance Co. Limit, with-
out delay. Forfeit, none. Plans and
specifications filed.

FRAME FLATS

(3153) N FILBERT 87-6 E Leaven-
worth E 25xN 75. All work except
lighting fixtures and shades for two-
story and basement frame flats.
Owner.....Jas. Lagomarsino, 1802
Stockton, San Francisco.
Architect...None.
Contractor...L. Segale & F. De Martini,
535 Greenwich, S. F.

Filed Sept. 16, '14. Dated Sept. 8, '14.
Completed and accepted 1235
Brown coated 1225
Frame up and rafters on \$1235
Usual 35 days 1245
TOTAL COST, \$4950

Bond, none. Limit, 100 days after Sept.
12. Forfeit, none. Plans and specifi-
cations filed.

FRAME APARTMENTS

(3154) NW CHESTNUT AND LARKIN
N 56-6xW 137-6 W A 29. All work
for frame apartment building.
Owner.....Alice K. Burnham.
Architect...Benj. G. McDougall, Shel-
don Bldg., S. F.
Contractor...C. L. Vold Co., 132 Scott,
San Francisco.

Filed Sept. 16, '14. Dated Sept. 16, '14.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, \$27,150
Bond, \$18,575. Surety, National Surety
Co. Limit, 130 days. Forfeit, \$50.
Plans and specifications filed.

FRAME COTTAGE

(3155) W MOULTREE 275 S Tompkins.
One-story frame cottage.
Owner.....Mrs. Sarah McNamee, 518
Moultrie, San Francisco.
Architect...None.
Contractor...Thomas McNamee, 518
Moultrie, S. F.
COST, \$1200

ALTERATIONS

(3156) NO. 19 WETMORE. Lay tar
and gravel roof, build porch and
shingle sides of dwelling.
Owner.....Mrs. J. Maurer, Premises.
Architect...None.
Contractor...L. Salomon, 1303 Ellis St.,
San Francisco.
COST, \$500

SIGN BOARD

(3157) SE BROADWAY AND GRANT
Ave. Erect sign board.
Owner.....J. Chas. Green Co., 273
Valencia, San Francisco.
Architect...None.
Day's work. COST, \$400

FRAME COTTAGE

(3158) NO. 14 PUTNAM. One-story
frame cottage.
Owner.....David M. Wilson, 61
Collingwood, S. F.
Architect...None.
Day's work. COST, \$650

INSTALL HEATING SYSTEM

(3159) NO. 565 PAGE. Install steam
heating system.
Owner.....W. H. Hencke, 25 Beale,
San Francisco.
Architect...None.
Contractor...Atlas Heating & Venti-
lating Co., 4th & Freelon,
San Francisco.
COST, \$450

FRAME COTTAGE

(3160) W CHENERY 263 N Roanoke.
One and one-half-story frame cottage.
Owner.....Harry G. Fox, 538 Chenery,
San Francisco.
Architect...None.
Day's work. COST, \$1000

FRAME DWELLING

(3161) E CORBETT 173-25 N 26th
One-story frame dwelling.
Owner.....Mrs. R. A. Lindsay, 915
Lincoln Way, S. F.
Architect...None.
Day's work. COST, \$1150

FRAME FLATS

(3162) S TWENTY-THIRD 50 W
Kansas. Two-story frame flats.
Owner.....John J. Binet Co., 68 Ra-
mona Ave., S. F.
Architect...None.
Day's work. COST, \$2750

UNDERPIN BUILDING

(3163) NO. 269 DEVISADERO. Under-
pin brick foundations and erect con-
crete bulkhead.
Owner.....J. A. Crannarulo, Prem.
Architect...None.
Contractor...Chas. Coburn, 4030 24th,
San Francisco.
COST, \$400

FRAME RESIDENCE

(3164) S GREENWICH 171-10 1/2 E
Hyde E 34-3/4xS 137-6. Concrete,
brick, carpenter, mill, roofing, glass,
rough hardware, stairs, galvanized
iron, tin, electrical, phone, burglar
alarm, lath and plaster for two-story

and basement frame residence.
 Owner.....George A. Arnes, 1331 4th Ave., San Francisco.
 Architect...T. P. Ross, 310 California, San Francisco.
 Contractor...C. P. Moore Bldg. Co., Sharon Bldg., S. F.
 Filed Sept. 17, '14. Dated Sept. 15, '14.
 Roof rafters on.....\$2000
 Ready for lathing.....2000
 White coated.....2000
 Completed and accepted.....1989
 Usual 35 days.....2670
 TOTAL COST, \$10,659
 Bond, \$5350. Sureties, C. A. and H. C. Bennett, Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

ALTERATIONS AND ADDITIONS

(3165) N HAIGHT 82-6 E Steiner E 27-6xN 105. Alterations and additions to two-story frame building (build store underneath).
 Owner.....George H. Kahn, 34 Kearny, San Francisco.
 Architect...B. J. S. Cahill, 571 California, San Francisco.
 Contractor...J. S. Malloch, 110 Jessie, San Francisco.
 Filed Sept. 17, '14. Dated Sept. 11, '14.
 Frame up and roof boards on.....\$937.50
 Brown coated.....937.50
 Completed and accepted.....937.50
 Usual 35 days.....937.50
 TOTAL COST, \$3750.00
 Bond, \$1875. Surety, Hartford Accident & Indemnity Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

HEATING PLANT

(3166) EXPOSITION SITE. Hot water heating plant for Horticultural Bldg.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...None.
 Contractor...The Turner Co., 278 Natoma, San Francisco.
 Filed Sept. 17, '14. Dated Sept. 10, '14.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2662
 Bond, \$1500. Surety, The Aetna Accident & Liability Co. Limit, none. Forfeit, \$10. Plans and specifications filed.

CONSTRUCTING 41 KIOSKS

(3167) EXPOSITION SITE. All work for constructing 41 kiosks.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor...Dunnivant, Houghton, Van Sant, Inc., 503 Market, S. F.
 Filed Sept. 17, '14. Dated Sept. 4, '14.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$16,400
 Bond \$10,000. Surety, Southwestern Surety Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

PASSENGER STATION

(3168) BLOCK BDED BY THIRD, 4th, Townsend and King. Plumbing, heating and ventilating for brick passenger station.
 Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
 Architect...None.
 Contractor...E. V. Lacey, 249 9th, S. F.
 Filed Sept. 17, '14. Dated Sept. 2, '14.
 On 1st of each month.....75%

Usual 35 days.....25%
 TOTAL COST, \$6885
 Bond, \$4000. Surety, National Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

EXCAVATION

(3169) EXPOSITION SITE. Excavating on site of Inside Inn.
 Owner.....Inside Inn Company.
 Architect...None.
 Contractor...Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Filed Sept. 17, '14. Dated Aug. 21, '14.
 Exposition Co. to use what material it requires and allow 50c per cubic yard for surfacing and 25c per cubic yard for dumping material.....
 And Insurance Co. is to pay actual cost for hauling such material away from grounds as can not be used.....
 TOTAL COST, \$—
 Bond, none. Limit, 45 days. Forfeit, and plans and specifications, none.

FRAME RESIDENCE

(3170) NE FOURTH AVE & FULTON E 31-3xN 95. All work for two-story and basement frame residence.
 Owner.....Jno. J. Sullivan.
 Architect...Matthew O'Brien, 68 Post, San Francisco.
 Contractor...L. C. Wooldridge, 56 Alpine Terrace, San Francisco.
 Filed Sept. 17, '14. Dated Sept. 17, '14.
 Frame up.....\$1781.25
 Brown coated.....1781.25
 Completed and accepted.....1781.25
 Usual 35 days.....1781.25
 TOTAL COST, \$7125
 Bond, \$3563. Sureties, H. L. Reinhart and Thos. Lewis. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

APARTMENTS

(3171) NO. 1549 VALEJO. Minor changes for garage.
 Owner.....Mme. A. M. Bekeart, 1418 Geary, San Francisco.
 Architect...None.
 Contractor...Ferguson & Son, 1739 Union, San Francisco.
 COST, \$550

FRAME DWELLING

(3172) S LINCOLN WAY 32-6 E 24th Ave. Two-story and basement frame dwelling.
 Owner.....Oscar Heyman & Bro., Inc 742 Market, San Francisco.
 Architect...None.
 Day's work.....COST, \$2500

ALTERATIONS

(3173) W BATTERY 45-10 S Pine. Install temporary shores under floor construction, make tests and observations.
 Owner.....Hooker Estate Co., Hooker and Lent Bldg., S. F.
 Architect...None.
 Day's work.....COST, \$400

REPAIR FLATS

(3174) NOS. 125-31 LEESE. Repair flats.
 Owner.....J. Narhebury, Premises.
 Architect...None.
 Day's work.....COST, \$750

REPAIRS

(3175) NO. 2423 BROADWAY. Underpin, repair fence and building.
 Owner.....V. Zaruba, Premises.

Architect...J. C. Hladik, Monadnock Bldg., San Francisco.
 Contractor...B. R. Halling, 180 Jessie, San Francisco.
 COST, \$450

FRAME DWELLING

(3176) E BARTLETT 62-1 N 25th N 25xE117-6 M E 170. All work for two-story and basement frame dwlg.
 Owner.....Wm. A. Christen, 1427 Valencia, San Francisco.
 Architect...Kidd & Anderson, 251 Kearny, San Francisco.
 Contractor...Mager Bros., 110 Jessie, San Francisco.
 Filed Sept. 18, '14. Dated Sept. 16, '14.
 Rough frame up.....\$1534.50
 Brown coated except front entrance and rear porches.....1534.50
 Completed and accepted.....1534.50
 36 days after.....1534.50
 TOTAL COST, \$6138.00
 Bond, \$3069. Surety, Southwestern Surety Insurance Co. Limit, 90 days. Forfeit, \$8. Plans and specifications filed.

ROOFING

(3177) MERCHANTS' EXCHANGE Bldg. Roofing for new quarters of The San Francisco Commercial Club.
 Owner.....The S. F. Commercial Club
 Architect...W. H. Ratcliff Jr, 1st National Bank Bldg., Bkly.
 Contractor...H. W. Johns-Manville Co., 2nd and Howard, S. F.
 Filed Sept. 18, '14. Dated Sept. 2, '14.
 Monthly payments of.....75%
 Usual 35 days.....25%
 TOTAL COST, \$336
 Bond, none. Limit, Dec. 10. Forfeit, \$5. Plans and specifications, none.

(3178) ORNAMENTAL IRON ON above.

Contractor...California Artistic Metal & Wire Co., 365 7th, S. F.
 Filed Sept. 18, '14. Dated Sept. 2, '14.
 Payments same as above.....
 TOTAL COST, \$2447
 Bond, \$1223.50. Surety, National Surety Co. Limit, Dec. 10. Forfeit, \$15. Plans and specifications, none.

FRAME FLATS

(3179) SE CHENERY AND 30TH S 28-6XE50 Ptn Blk 29, Fairmount Tct. All work for two-story and basement frame flats.
 Owner.....The Schrader Estate Co., 1133 Guerrero, S. F.
 Architect...A. Klahn.
 Contractor...A. Klahn & Son, 27 Chenery, San Francisco.

Filed Sept. 18, '14. Dated Sept. 17, '14.
 Frame up.....\$ 975
 Brown coated.....900
 White coated.....900
 Completed.....900
 Usual 35 days.....1225
 TOTAL COST, \$4900
 Bond, none. Limit, 150 days. Forfeit, \$1. Plans and specifications filed.

HEATING

(3180) SE MASON AND POST E 110x S 137-6. Steam heating and ventilating system for church building.
 Owner.....The First Congregational Church by Stockholm & Allyn, Monadnock Bldg., San Francisco.
 Architect...Reid Bros., California-Pacific Bldg., S. F.
 Contractor...Robert Datzel Jr., 218 1st San Francisco.

Filed Sept. 18, '14. Dated Sept. 16, '14.
On 12th of each month..... 75¢
Usual 35 days..... 25¢
TOTAL COST, \$1985
bond, none. Limit, Nov. 15. Forfeit,
none. Plans and specifications filed.

HEATING PLANT

(3181) W POWELL 91-3 N Post N
46-1xW 80. Steam heating and oil
plant (Jarvis or Fess low pressure
system) for 15-story Class "A" hotel
building.
Owner.....J. Sockolov, 1857 O'Farrell,
San Francisco.

Architect...Rousseau & Rousseau,
Mondanock Bldg., S. F.
Contractor..Petersen-James Co., 710
Larkin, San Francisco.

Filed Sept. 18, '14. Dated Aug. 21, '14.
Roughed in on boilers and tank
set in place.....\$1627.50
Finished and accepted..... 1627.50
Usual 35 days..... 1085.00
TOTAL COST, \$4340.00

bond, \$2170. Surety, Chicago Bonding
& Surety Co. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

FRAME FLATS

(3182) W FOURTH AVE 100 S Irving
S 25xW 120. Excavation, grading,
concrete, brick and carpenter work
for two-story and basement frame
flats.

Owner.....J. N. Powell, 133 Geary,
San Francisco.

Architect...J. E. Krafft & Sons, Phe-
lian Bldg., San Francisco.

Contractor..A. Sarraile and S. Lago-
marsino, 2115 Powell, S. F.

Filed Sept. 18, '14. Dated Sept. 15, '14.
Gravel roof laid.....\$1000
Plastering done, exterior finish
on and sash glazed and hung.. 1000
Completed and accepted..... 1900
36 days after..... 1320
TOTAL COST, \$5220

bond, \$2700. Surety, Pacific Coast
Casualty Co. Limit, Jan. 15, 1915.
Forfeit, \$3. Plans and specifications
filed.

BRICK APARTMENTS

(3183) NW HYDE & SACRAMENTO.
Four-story and basement brick (9)
apartments.

Owner.....Metropolitan Invest. Co.,
333 Kearny, San Francisco

Architect...Rousseau & Rousseau, 437
Monadnock Bldg., S. F.

Day's work. COST, \$42,000

FRAME DWELLING

(3184) E COLLINS 296-S N Geary.
Two-story and basement frame dwlg
Owner.....Lee Eschen & Co., Geary
and Collins, S. F.

Architect...None.

Contractor..Wm. F. Yates, 335 21st
Ave., San Francisco.

COST, \$2900

FRAME DWELLING

(3185) W COLLINS 290 N Geary.
Two-story and basement frame dwlg
Owner.....Lee Eschen & Co., Geary
and Collins, S. F.

Architect...None.

Contractor..Wm. F. Yates, 335 21st
Ave., San Francisco.

COST, \$2900

FRAME FLATS

(3186) N EIGHTEENTH 32 E Guer-
rero. Two-story and basement
frame (4) flats.

Owner.....Mattie Lee Marrs, 125
Franklin, San Francisco.
Architect...None.
Contractor..W. G. McDiarmid, 394
Fair Oaks, San Francisco.
COST, \$2600

FRAME FLATS

(3187) S NOITON 100 W Mission.
Two-story and basement frame flats.
Owner.....William Lotze, 4610 Mis-
sion, San Francisco.

Architect...None.

Contractor..J. I. Morey, 2167 Grove.
San Francisco.

COST, \$5000

FRAME DWELLING

(3188) S TWENTY-SIXTH 80 W Dia-
mond. One-story and basement
frame dwelling.

Owner.....Mrs. C. G. Empey, 3428-A
16th, San Francisco.

Architect...Plans by Owner.

Contractor..C. Lindquist, 1511 Baker,
San Francisco.

COST, \$1500

ALTERATIONS

(3189) SE MISSISSIPPI & 17TH.
General alterations and repairs to
office and saleroom.

Owner.....Berger & Carter, 504 Mis-
sion, San Francisco.

Architect...None.

Contractor..Frank Elvin, 4017 18th.
San Francisco.

COST, \$1400

ALTERATIONS

(3190) NO. 826 ALVARADO. Alter
and add to dwelling.

Owner.....Mrs. Sebella Baader, Prem
Architect...None.

Contractor..Edwin Roller, 767 27th,
San Francisco.

COST, \$1100

FRAME DWELLING

(3191) NW PERU AND EDINBURGH.
One-story and basement frame dwlg
Owner.....Chas. L. Amrhein, 3289
Mission, San Francisco.

Architect...None.

Contractor..Roberts & Woolfrey, 1245
19th Ave., San Francisco.

Architect...None.

Contractor..P. E. Allen, 468 34th St.,
Oakland.

COST, \$500

ADDITION

(3192) NO. 2626 STEINER. Add
porch and bath and paint and paper
room.

Owner.....Jerome W. Watson, 85
Genesee, S. F.

Architect...None.

Contractor..P. E. Allen, 468 34th St.,
Oakland.

COST, \$500

ADDITION

(3193) W DANVERS 80 S Falcon. Add
to dwelling and finish basement.

Owner.....W. L. St. Amant, 118
Danvers, San Francisco.

Architect...None.

Contractor..H. W. Smith, 777 Corbett
Ave., San Francisco.

COST, \$750

FRAME DWELLING

(3194) N CUMBERLAND 175 W
Guerrero. One and one-half-story
and basement frame dwelling.
Owner.....Mrs. Pauline Young, 167
Valencia, S. F.

Architect...None.

Contractor..A. Petersen, 854 Guerrero,
San Francisco.

COST, \$3440

FRAME DWELLING

(3195) E THIRTY-SECOND AVE 410
N California. Two-story and base-
ment frame dwelling.

Owner.....Florence L. Prentice, 650
Market, San Francisco.

Architect...E. G. Bolles, 660 Market,
San Francisco.

Contractor..S. A. Born Bldg. Co., 660
Market, San Francisco.

COST, \$5000

ELEVATOR

(3196) NO. 2950 PACIFIC AVE. In-
stall automatic electric elevator and
hatch in residence.

Owner.....E. W. Newhall, Premises.
Architect...None.

Contractor..Van Emon Elevator Co.,
46-54 Natoma, S. F.

COST, \$2500

FRAME DWELLING

(3197) E BELVEDERE 408 S Parnas-
sus. Two-story and basement frame
dwelling.

Owner.....P. D. Polodoni, 638 Cole,
San Francisco.

Architect...None.

Day's work. COST, \$2500

FRAME FLATS

(3198) N SACRAMENTO 201 W Tay-
lor. Three-story and basement
frame (6) flats.

Owner.....C. C. McKenzie, 1439 Sac-
ramento, San Francisco.

Architect...None.

Contractor..J. Prout, 2020 Turk, S. F.

COST, \$10,000

FRAME DWELLING

(3199) W URBANO 200 E Victoria.
Owner.....Urban Realty Improve-
ment Co., 85 Cerritos Ave.,
San Francisco.

Architect...Jos. A. Leonard, 85 Cer-
ritos Ave., S. F.

Day's work. COST, \$4000

(3200) N MORE 59 E Lowell. One-
story and basement frame dwelling.
Owner.....Alphonse Luttinger, 4550
Mission, San Francisco.

Architect...None.

Contractor..J. A. Kirby, 20 Norton,
San Francisco.

COST, \$1900

FRAME DWELLING

(3201) E SEVENTEENTH AVE 125 S
Lincoln Way. Two-story and base-
ment frame dwelling.

Owner.....William Kohler, 555 Bal-
boa, San Francisco.

Architect...Otto A. Klahn, 27 Chenery,
San Francisco.

Contractor..A. Klahn & Son, 27 Chen-
ery, San Francisco.

COST, \$2500

ALTER AND ADD TO RESIDENCE

(3202) NO. 37 SEVENTH AVE. Alter-
ations and additions to two-story
frame residence.

Owner.....Oscar K. Cushing, 821 1st
National Bank Bldg., S. F.

Architect...F. D. Boese, 45 Kearny,
San Francisco.

Contractor..J. Wenderling, 110 Jessie
San Francisco.

Filed Sept. 19, '14. Dated Sept. 18, '14.

Brown coated and rough plumb-
ing in\$956.25

Completed and accepted..... 956.25

Usual 35 days..... 637.50

TOTAL COST, \$2550.00

Bond, \$1275. Sureties, Jno. H. McCullum and A. Hermann. Limit, 50 days. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK

(3293) ON FOURTH FROM MARKET to Townsend. Furnishing and installing system of electroliers.

Owner.....Fourth and Fifth Street District Imp. Club.

Architect.....Chas. T. Phillips.

Contractor.....California Electrolier Co., 75 Fremont, S. F.

Filed Sept. 19, '14. Dated Sept. 14, '14.

When standards laid down upon

designed space.....\$2000

Completed and accepted.....2000

36 days after.....Balance

TOTAL COST, \$3585

Bond, \$1500. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Sept. 1, 1914—S BONITA 109-6 W Polk. Nick Borina to E J Montgomery.....Aug. 31, 1914
Sept. 1, 1914—E BELVEDERE 324-1½ N 17th N 28½E 128-7¼. Thomas Finlayson to whom it may concern.....Sept. 1, 1914
Sept. 1, 1914—W NINETEENTH AVE 25 S Balboa S 25xW 100. John S Purcell to whom it may concern.....Sept. 1, 1914
Sept. 1, 1914—W NINETEENTH AVE 75 S Balboa S 25xW 100. John S Purcell to whom it may concern.....Sept. 1, 1914
Sept. 1, 1914—E SHOWTELL 185 N 20th N 30xE 122-6. Thaddeus W Terry to H T Grieb.....Aug. 29, 1914
Sept. 1, 1914—E TWENTY-EIGHTH AVE 125 N Clement N 25xE 120. Eugene and Catherine Donovan to whom it may concern.....Aug. 29, 1914
Sept. 1, 1914—S HUGO 95 W Third AVE W 25xS 100. E Hunius to A Klahn & Son.....Aug. 29, 1914
Sept. 1, 1914—N PAGE 154 E Lyon N 137-6xE 27-6; Nos. 1252-54-56 Page. Rosa M McGough to Lincoln U Grant.....Aug. 11, 1914
Sept. 1, 1914—LOT 12 BLK 66, Reis Tract. Michael and Kate Ongwarsky to H Nelsen.....Sept. 1, 1914
Sept. 1, 1914—NE TONQUIN & DEVISADERO E 893.75xS 1275 (Court of Honor). Panama-Pacific International Exposition Co to F Rolandi.....Aug. 26, 1914
Sept. 1, 1914—E EIGHTH AVE 131 N Lawton. M or Martin L Cramer to Finn Andersen.....Aug. 19, 1914
Sept. 2, 1914—E FIFTH AVE 100 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914
Sept. 2, 1914—E FIFTH AVE 150 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914
Sept. 2, 1914—N MANGELS AVE 100 E Congo E 70 N 36 m or 1 W 70 S 35-11¼. Chas F Goepel to whom it may concern.....Aug. 21, 1914
Sept. 2, 1914—EXPOSITION SITE. J R Kathrens, manager, Union Pacific Yellowstone Park Concession to John Monk.....Aug. 31, 1914
Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.....Aug. 24, 1914
Sept. 3, 1914—W HYDR 37-6 N Pine

W 25x90-10, No. 1011 Hyde. Herman D Hogrefe to whom it may concern.....Sept. 2, 1914
Sept. 3, 1914—COMG. 75 N LOMBARD and 137-6 W Larkin W 68.9xN 30. James and Annie Mears to Western Union Home Bldrs, Inc.....Sept. 3, 1914
Sept. 3, 1914—S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11¼ — 92-5¼ N 92-6 W 50. Hohart Estate Co to P H Jackson & Co.....August 27, 1914
Sept. 3, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Hardwood Interior Co.....August 31, 1914
Sept. 3, 1914—S PARNASSUS AVE 23-6 E Willard; Lot 5 Blk "D" Sunset Heights. W D Kaufmann to Nielsen Bros.....Sept. 3, 1914
Sept. 3, 1914—NE JACKSON AND Cherry; No. 20 Cherry. W D McCann to Isaac Penny.....Aug. 28, 1914
Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.....August 29, 1914
Sept. 3, 1914—W HYDE 20 N Green N 20xW 60. H C Muller to Henry Conrad.....August 27, 1914
Sept. 3, 1914—N MARKET 49-9½ E Page E 27-13½ N parallel with Page 112-0½ W 22 S parallel with Page 127-10½. A S Macdonald to Harold Brauntun.....August 24, 1914
Sept. 4, 1914—LOT 19 BLK 4, Crocker Amazon Tract. United States Bldg Realty & Inv Society to whom it may concern.....Sept. 3, 1914
Sept. 4, 1914—SE TONQUIN & BAKER S 1375xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
Sept. 4, 1914—E VICKSBURG 30 S 22nd S 35xE 100. Olaf Ellingsen to C Wengard.....Completed —
Sept. 4, 1914—W FILLMORE 70-3½ S Jackson W 105xS 32-4½. Joseph Haller to Herman H Bergfeld.....Sept. 1, 1914
Sept. 4, 1914—W EUREKA 70-5 S 22nd — 46-10 W 100 N 46-10 E 100 N J Nelson to whom it may concern.....Sept. 3, 1914
Sept. 4, 1914—N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. The Young & Swain Baking Co to Frank J Klimm.....Sept. 1, 1914
Sept. 5, 1914—SE HYDE & GREENWICH S 68-9xE 100. Greenwich Realty Co to Pacific Rolling Mill Co.....Sept. 1, 1914
Sept. 5, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. David Philpelli and Catherine Philpelli to Henry W Jansen.....Sept. 2, 1914
Sept. 8, 1914—NW BUCANA (North Ave) 309-6½ NE Eugenia Ave NE 26-11xNW 55 ptn Lots 650 and 652, Gift Map No. 2. John Bjorkman to whom it may concern.....Aug. 25, 1914
Sept. 8, 1914—W COLLINS 150 S Geary. Michele Mortede to Antonio Ferreccio.....Sept. 3, 1914
Sept. 8, 1914—S JERSEY 139-6 E Church E 75-6xS 114. Robert O and Gladys E Banzhaf to whom it may concern.....Sept. 4, 1914
Sept. 8, 1914—N SUTTER 100 W Powell. M D Grosh, Louise W Sage, E G Larzelere to William G Gilmore.....Sept. 3, 1914
Sept. 8, 1914—N NORTH POINT 100 W Broderick N along a line parallel to W Broderick 100 E parallel with North Point 450 S along a line parallel to W Devisadero 600 W

along a line parallel to S Bay 450 N along a line parallel to W Broderick 500; N North Point 100 E Pierce N along a line parallel to E Pierce 100 E along a line parallel with North Point — S 600 W 450 N 500 (Courts of Palms and Flowers). Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen.....Sept. 1, 1914
Sept. 10, 1914—FOLSOM NO. 2148. Jean Allec to Schrader Iron Works.....Sept. 8, 1914
Sept. 10, 1914—S PILEY 112-6 W Webster 24x60. E Filippetti to Montani & Stefanini.....Sept. 10, 1914
Sept. 10, 1914—W MISSION 30 N Sycamore Ave W 80xN 46-8. Jean Allec to G Carranza. Sept. 8, '14; Geo Rehn, Sept 8, '14; H L Petersen.....Sept. 1, 1914
Sept. 10, 1914—SE TONQUIN AND Baker S 1375xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
Sept. 10, 1914—W JONES 37-6 S Jackson. L D Stoff to L D Stoff.....Sept. 10, 1914
Sept. 10, 1914—N NEY 25 W Congdon W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....Sept. 1, 1914
Sept. 10, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. J J and Mary E Silvey to F J Durham.....Sept. 5, 1914
Sept. 10, 1914—NW MINNA 85 NE 8th NE 40xNW 80. Pacific Gas & Electric Co to Jas S Fennell.....August 31, 1914
Sept. 10, 1914—NW NEY & CONGDON W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....September 1, 1914
Sept. 11, 1914—COM. AT INT. OF A line drawn parallel with S 17th, drawn E from Belvedere distant 102-8½ S 17th with a line drawn parallel with E Belvedere being drawn N from Carmel distant 150 E Belvedere S parallel with Belvedere 25-0½ E parallel with 17th 122-1½ m or 1 to Ashbury N along Ashbury 6-6½ N along Ashbury 20-0½ W parallel with 17th 115-1 m or 1. John A Hoots to John A Hoots & Son.....Sept. 1, 1914
Sept. 11, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. Elsenbach Co to Higginson Co, Inc.; The General Bldg Works Co. G & M Sheet Metal Works, Edw W Lacey, Atlas Heating & Ventilating Co., California Elec Const. Co, J J Philbin, Mutual Plate & Window Glass Co, A A Zelinsky, C J Hillard Co, Inc., Bill & Jacobsen.....Sept. 10, '14
Sept. 11, 1914—E NINETEENTH AVE 100 S Moraga S 25xE 120. Chas W and Martha C Vaughn to D Houle.....Completed —
Sept. 11, 1914—N CLEMENT 105 W 15th AVE W 25xN 104-3. M W and J H Cain to whom it may concern.....September 1, 1914
Sept. 11, 1914—NE WASHINGTON & Presidio Ave E 90-11xN 50. Stella Lovegrove to Shepherd Bros.....September 11, 1914
Sept. 11, 1914—E TWENTYETH AVE 100 N Ulloa N 33-4xE 120. Parkside Home Bldg Co to whom it may concern.....Sept. 8, 1914
Sept. 14, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8¼. Katherine P Hooker to Thomas A Cavanagh.....Sept. 5, 1914

Sept. 14, 1914—SE EIGHTH AND Folsom 86 on 8th and 130 on Folsom. Galland Mercantile Laundry, Inc. to Clinton Fireproofing Co., Inc.Sept. 5, 1914

Sept. 14, 1914—E JORDAN AVE 230 N Geary N 33-4x E 120, J W Dowdell to L V Riddle.Sept. 8, 1914

Sept. 12, 1914—N GREEN 81 E Octavia E 54xN 137-6. Swan J Sterner to whom it may concern.Sept. 12, 1914

Sept. 12, 1914—E TWENTYETH AVE 75 S Anza — 25 E 82-6 N 25 W 82-6. Thomas Hamill to whom it may concern.Sept. 10, 1914

Sept. 15, 1914—S BUSH 137-6 E Grant Ave S 60 W 22-6 S 60 E 42-6 N 120 W 20. N Ahrens to J B Reite and B R Halling.Sept. 14, 1914

Sept. 15, 1914—SE POST & LEAVENWORTH S 137-6x E 137-6. The Schmiedel Estate to D Zelinsky. Sept. 3, 1914

Frederick W Snook Co., Sept. 10; Pacific Fire Extinguisher Co.Sept. 3, 1914

Sept. 15, 1914—N PAGE 131-3 W Pierce W 25xN 137-6. Margaret McCloskey to Oscar T Thunberg.August 31, 1914

Sept. 15, 1914—NE SIXTEENTH AND Mission N 260xE240. Henry Invest Co to Frederick W Snook. Sept. 11, '14

Sept. 15, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 — 57. Crocker Hotel Co to Pacific Mfg Co.Sept. 10, 1914

Sept. 15, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8½. Katharine P Hooker to U S Metal Products Co.Sept. 14, 1914

Sept. 16, 1914—W ELEVENTH AVE 275 S Cabrillo 25x120. A Petry to whom it may concern.Sept. 16, 1914

Sept. 16, 1914—W ELEVENTH AVE 250 S Cabrillo 25x120. A Petry to whom it may concern.Sept. 16, 1914

Sept. 16, 1914—W FIFTEENTH AVE 50 N Anza N 25xW 90. Emil Nelson to whom it may concern.Sept. 15, 1914

Sept. 16, 1914—LOT 22 BLK 4 Crocker Amazon Tract. Alfred Anderson to whom it may concern.Sept. 15, 1914

Sept. 16, 1914—S GEARY bet Stockton and Powell; No. 235-237 Geary. The Phonograph Co. of S F to J W Cobby.Sept. 5, '14

Sept. 17, 1914—W MASON 65 N O'Farrell N 50xW 103-1½. D L Randolph to F J Klenck.Sept. 17, 1914

Sept. 17, 1914—NE ARMY & GUERRERO N 26-6xE 80. Julius J Thiebaut to John Little.Sept. 10, 1914

Sept. 17, 1914—W TWELFTH AVE 125 S Anza. Charles A Hall to whom it may concern.Sept. 16, 1914

Sept. 17, 1914—W WEBSTER 31-6 S Pacific Ave 46-2½x110. A M Byrne to Pacific Plastering Co.Sept. 12, 1914

Sept. 17, 1914—S POST 95 W Larkin W 25xS 120 to Cedar. J B Reite to whom it may concern.Sept. 11, 1914

Sept. 17, 1914—TWENTY-SECOND NO. 2318. Michael Gibbons to whom it may concern.Completed —

Sept. 17, 1914—LOT 21 BLK 5 Crocker Amazon Tract. Albert Mattson to whom it may concern.Sept. 15, 1914

Sept. 18, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris Hyman, Joseph Hyman, Julia Hyman Stone, Emilie Baruch and Henry W Hyman Estate to Chas B Hadley.Sept. 14, 1914

Sept. 18, 1914—N NORTH POINT 100 W Broderick N along line parallel to Broderick 100 E 350 S 600 W

450 N 500. N North Point 100 E Pierce N along a line parallel to Pierce 100 E 450 S 600 W 450 N 500. Panama-Pacific International Exposition Co to Newbery Bendheim Elec Co.Sept. 16, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. H Maundrell, \$850 A Fry, \$512; Burnham Plumbing Co, \$451 vs Geo C Sargent, Helen M Sargent and F J H Rickon.

Sept. 2, 1914—S LAKE 82-6 E 24th Ave S 100 E 50 N 100 W 50. Anderson Bros Planing Mill & Mfg Co vs George C and Helen M Sargent and Fred J H Rickon.\$57.20

Sept. 1, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Ralston Iron Works, Inc vs Fred J H Rickon, George C Sargent and Helen M Sargent.\$204

Sept. 2, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Loop Lumber Co vs H W Jansen, David Philippelli, Jane Doe Philippelli, Peter J M Bertelsen and Andrew Bertelsen.\$207.63

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Kirwan & Donovan, \$15; J K Stewart, \$150 vs George C and Helen M Sargent and Fred J H Rickon.

Sept. 2, 1914—E TWENTY-FIRST AVE 300 S Lincoln Way S 25xE 120. Bauer Fixture Co vs Angelita Lindsey, Robert E Lindsey and MacArthur Bros.\$50

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. James Cantley vs Geo C Sargent, Helen M Sargent and Fred J H Rickon.\$85

Sept. 3, 1914—SW EVANS AVE 50 NW Alford NW 25xSW 100. Henry Hinricks vs Janet and Angus McLeod.\$297.25

Sept. 4, 1914—W SANCHEZ 86 S 25th S 28xW 76-9. N O Nelson Mfg Co vs Timothy J and Bridget J Carmody and H O Bowen.\$40.60

Sept. 4, 1914—SE PRECITA AVE & Florida Ave SW 25xE 80. New Era Marble & Concrete Co vs John Eliassen, Bergetta Eliassen and Johnson & Olsen.\$163.50

Sept. 4, 1914—S SLOAT BLVD extended 204 W frm E line of Great Highway S 250 W to Pacific Ocean N to Sloat Blvd extended E to beg. Fred Titt & Son vs Christofferson Aviation Co, Cpn & Spring Valley Water Co.\$724.94

Sept. 4, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. N O Nelson Mfg Co vs H O Bowen.\$207.09

Sept. 4, 1914—E EIGHTEENTH AVE 200 S Anza S 25xE 120. N O Nelson Mfg Co vs Frank Lapham and H O Bowen.\$52.60

Sept. 4, 1914—W FIFTEENTH AVE 73-11 N Clement N 25xW 120. N O Nelson Mfg Co vs Mrs R Gasque and H O Bowen.\$122.04

Sept. 4, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Eureka Sash, Door & Moulding Mills vs David Philippelli, Jane Doe Philippelli, Henry W Jansen, Peter J M and Andrew Bertelsen.\$400

Sept. 4, 1914—E FIFTEENTH AVE 60 S Anza S 25xE 120. N O Nelson Mfg Co vs Leigh & Schultz and H O Bowen.\$62.65

Sept. 1, 1914—W TWELFTH AVE 175 S Anza W 120xS 25. N O Nelson Mfg Co vs W D Ball & H O Bowen.\$175.78

Sept. 5, 1914—S BUSH 87-6 E Polk 63-6x120. San Francisco Elevator Co vs Ferguson & Locke Co and E L Hueter.\$662.80

Sept. 8, 1914—SW TACOMA & 15th Ave S 25xW 120. J H Franks and S F Johnson vs Edith S Isaacs.\$505

Sept. 8, 1914—NW TACOMA & 15th Ave N 25xW 120. J H Franks and S F Johnson vs J J Cummings.\$443.13

Sept. 10, 1914—NE FULTON AND Parker Ave E 175xN 275. Michael & Pfeffer vs St. Ignatius College, John J Hughes, Emory J Nutting & Patrick J Sullivan Jr as Spencer Street Planing Mills.\$567.40

Sept. 11, 1914—S CLAY 150 E Drumm E 50xS 119-6. C E Lamburth vs Maritime Hall Ass'n, E F Burke and G W Burke.\$444

Sept. 11, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Konkell & Anderson vs David and Jane Doe Philippelli and Henry W Jansen.\$52

Sept. 11, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. S Muller and E Korbus (as Mutual Plate & Window Glass Co) vs H W Jansen and David Philippelli.\$95

Sept. 11, 1914—NE FULTON AND Parker Ave E 175xN 275. Olson-Mahony Lumber Co vs The President and Board of Trustees of St. Ignatius College & John J Hughes.\$642.55

Sept. 11, 1914—S BUSH 86-6 E Polk E 63-6xS 120. C E McMullin and R von Voorhies (as McMullin-von Voorhies Co) vs E L Hueter and Ferguson & Locke Co.\$436

Sept. 11, 1914—E CASTRO 51-6 N 22nd N 25xE 105. John Price and J L Hutcherson (as Price & Hutcherson) vs Emma Stierlen.\$50.25

Sept. 14, 1914—S CLAY 150 E Drumm E 50xS 119-6. I Cohen vs Maritime Hall Association.\$447.80

Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. W P Fuller & Co vs President & Board of Trustees of St. Ignatius College, John J Hughes, Massachusetts Bonding & Insurance Co.\$4749.77

Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. Santa Fe Lumber Co, vs President and Board of Trustees of St. Ignatius College and Spencer Street Planing Mill.\$698.30

Sept. 14, 1914—NE FULTON AND Parker Ave E 250xN 275. James H Hardy, Inc vs The President and Board of Trustees of St. Ignatius College, John J Hughes & Spencer Street Planing Mills.\$922.64

Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. Inland Floor Co vs The President and Board of Trustees of St. Ignatius College, Spencer Street Planing Mill, John J Hughes, Emory J Nutting and Patrick J Sullivan as Spencer Street Planing Mills.\$120

Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. West Coast Wire & Iron Works vs The President and Board of Trustees of St. Ignatius College, John J Hughes and Massachusetts Bonding & Insurance Co.\$422.95

Sept. 14, 1914—NE PARKER AVE and Fulton E 175xN 275. Spencer

Street Planing Mill vs The President and Board of Trustees of St. Ignatius College and John J. Hughes\$26,496.20
 Sept. 14, 1914—NE FULTON and Parker Ave N 275XE 175. Frank T Hughes & Co, \$168.50; James H Hardy, \$7005.29 vs The President and Board of Trustees of St. Ignatius College and J J Hughes...
 Sept. 14, 1914—S CLAY 150 E Drumm E 50XS 119-6. Pope & Talbot vs Maritime Hall Ass'n and E F Burke\$699.68
 Sept. 14, 1914—S CLAY 150 E Drumm E 50XS to Commercial. A Kurtz vs E F Burke and Maritime Hall Association\$1032.87
 Sept. 15, 1914—N OAK 157-6 W Van Ness Ave — 89-9 N 120 E 68-9 S 40 E 21 S 80. L A Norris vs Martin M Fennell and Thos L Wand as Fennell & Wand and The Young Men's Institute Hall Ass'n....\$4450.30
 Sept. 15, 1914—S CLAY 150 E Drumm E 50XS 119-6. Central Elec Co vs Maritime Hall Ass'n and E F Burke\$430.70
 Sept. 15, 1914—W NINETEENTH AV 125 N Clement N 25xW 120. L W Horn vs David and Catherine Philipelli, Henry W Jensen, Peter J M and Andrew Bertelsen.....\$38
 Sept. 16, 1914—N PACIFIC AVE 137-6 E Buchanan E 68-9XN 127-84. Ferguson & Son vs J C Wilson and Mabel C Wilson.....\$1000
 Sept. 16, 1914—NE FULTON and Parker Ave E 175XN 275. Forreder Cornice Works vs The President and Board of Trustees of Saint Ignatius College\$97
 Sept. 16, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75xS 100. H O Bowen vs John Gray and Leigh & Schultz\$168.62
 Sept. 17, 1914—NE PARKER AVE & Fulton E 175XN 275. Joost Bros vs John J Hughes, The President and Board of Trustees of St. Ignatius College\$272.98
 Sept. 18, 1914—S CLAY 150 E Drumm E 50X119-6. Joost Bros vs E F Burke and Maritime Hall Ass'n.....\$55.11
 Sept. 18, 1914—N SUTTER 100 Powell N 137-6XW 37-6. L A Norris Co vs M D Grosh, Louise M Sage and E G Larzelere.....\$2246.25
 Sept. 18, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. L A Norris Co vs M D Grosh, Louise M Sage and E G Larzelere\$4015

LIENS RELEASED.

SAN FRANCISCO COUNTY.

Spt. 18, 1914—W SANCHEZ 86 S 25th S 28xW 76.9. N O Nelson Mfg Co to Timothy J and Bridget J Carmody and H O Bowen.....
 Sept. 17, 1914—W HYDE 127-6 N Sutter N 40 W 95 S 10 W 42-6 S 30 E 137-6. Durable Paint & Color Co, Inc to S Goldberg and I Rosenberg

OAKLAND AND ALAMEDA COUNTY.

BUNGALOWS—2, 1 story and base, frame, \$3,000 each. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Charlestone. These two houses will be erected at the corner of Fruitvale avenue and Claremont street, and each has been designed to contain six rooms and

bath. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,000. Piedmont, Alameda Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Thayer. The dwelling will be erected on Mountain avenue, and has been designed for an eight-room house with two baths and sleeping porches. Interior finish will be of pine and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, Leo L. Nichols, First Trust Bldg., Oakland. Owner, T. W. Moran. The dwelling will be erected on the south side of Perry street near Crescent, and has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

RESIDENCE—2 story and base, frame, \$3,000. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The dwelling will be erected in the Mount Ararat Tract, and has been designed to contain seven rooms and bath. A garage will be erected in the rear of the property. Interior of the house will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, C. M. Hodgkin. The dwelling will be erected on San Bonito Road near Spruce street, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. The wainscot and floors will be used in the bath room. An automatic water heater will be installed. Exte-

rior of the dwelling will be covered with cement plaster on metal lath. Plans are now complete and figures are being taken by the architects.

WHARF IMPROVEMENTS—Cost not stated. Oakland, Cal. Engineer's name not given. Owner, De Fremery Wharf and Land Co., Oakland. The Railroad Commission has granted the De Fremery Wharf and Land Co. permission to bond the company's property for \$110,000 in order that certain improvements to the company's Oakland wharf may be made at once.

HOTEL ALTERATION—Class C construction, \$10,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owners, Athens Hotel. This work will consist of the rearrangement of the ground floor of a five story building, and will require new brick work, plastering, patent store fronts, electric work, painting and plumbing. Plans are complete and figures are being taken.

HOTEL AND STORES—7 story and base. Class C construction. Cost not stated. Oakland, Cal. Architect, George W. Patton, 2126 Emerson street, Berkeley. Owner, O. J. Meade. The building will be erected at the corner of Clay and 10th streets and will cover an area of 50 by 100 feet. There will be eight stores on the ground floor besides the hotel lobby. Upper floors will contain in the neighborhood of 110 rooms, a large percentage of which will have private baths. Interior will be finished in pine and hardwood veneer. Some ornamental plaster will be used in the lobby. Patent store fronts will be specified. Plans provide for steam heat, elevator service and a hot water supply. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are being prepared.

AUDITORIUM MARBLE AND TILE WORK—Cost not stated. Oakland, Cal. Architect, Supervising Architect J. J. Donovan, Oakland. Owners, City of Oakland. Bids opened for this work show Joseph Musto Sons-Keenan Co, S. P., low at \$21,770. Only two other figures were presented. A contract has not as yet been awarded. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

LIBRARY—1 story and base, brick and frame, \$10,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, City of Berkeley. The building has been designed in the classic style and will be erected at the corner of San Pablo and University avenues. Interior will be arranged for a large reading room, librarian's office and stack room. There will be maple floor and metal book stacks. Interior will be finished in pine. A central heating system, probably furnace heat, will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCE—1½ story and base, frame, \$3,500. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton, First Trust Bldg., Oakland. Owner, H. P. Houston. The dwelling has been designed to contain six rooms, bath and sleeping porch and will be erected in Piedmont Manor. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used

in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE ALTERATIONS—2 story frame, \$3,000, Berkeley, Alameda Co., Cal. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. McGILL. This work will consist of altering the two-story frame dwelling located on Durant Way near Ellsworth into modern apartments. There will be five suites in the building of two, three, four and five rooms. The work will require new interior finish, painting, plumbing, plastering, electric work and finish hardware. Furnace heat will be installed. Exterior of the building will be covered with shingles. Plans are nearly ready for figures.

APARTMENT HOUSE—2 story and base, frame, \$6,000, Oakland, Cal. Architect, none. Owner, John A. Bischoff, 551 Craftsman avenue, Oakland. The building will be erected on the south side of Harwood avenue east of College, and has been designed to contain sixteen suites of two and three rooms. Interior will be finished in pine and hardwood with some elm panels and hardwood floors. There will be furnace heat and a hot water system. Bath rooms will be finished in tile. There will be bath beds and private bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STORES—1 story and base, brick and frame, \$5,000, Berkeley, Alameda Co., Cal. Architect, James W. Placchek, Acheson Bldg., Berkeley. Owner, J. E. Wheeler. The building will be erected on Adeline street near Ashby, and will cover an area of 30 by 68 feet. There will be several retail stores. Interiors will be finished in pine. Patent store fronts and plate glass windows will be installed. Exterior will be covered with pressed brick and cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$20,000, Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, Dr. Crawford. Contractor, George W. Patton, 2126 Emerson street, Berkeley. Contract price, \$20,000. Note: The contractor is now making subfigures on the work.

Auditorium Marble And Tile Figures.

Three Sets of Figures Received By Oakland City Council for Marble And Tile for Auditorium.

Only three sets of figures were received for furnishing and installing marble and tile work in the new Municipal Auditorium in Oakland. Joseph Musto Sons-Keenan Co. were low at \$1,770. The following bids were submitted:

Marble and Tile Work, Oakland Auditorium.

C. L. Cummings.....\$22,790
Vermont Marble Co.....22,500
Joseph Musto Sons-Keenan Co., 21,770
Bids were referred to the City Attorney and Public Buildings Committee

Building Contracts Awarded.

Oakland.

2277	Harde	Leviston	2500
2278	Vretto	Mickelson	400
2281	Moller	Dippo	1800
2282	Marino	Sullivan	1800
2283	Olson	Olson	1300
2291	Dailey	Morris	1000
2290	Bongfeldt	Birmingham	400
2284	Hamilton	Hamilton	400
2292	Dupinch	Marwin	2500
2294	Gonzalves	Fernandez	1000
2295	Wilkinson	Klueter	400
2296	Ramin	Ramin	500
2299	Free Market	Knight	5750
2300	Lewis	Smith	2200
2301	Same	Same	2200
2302	Goldstine	Perkins	2500
2303	Michel	Morilhat	2800
2305	Jones	Jones	400
2306	Bennett	Fake	5000
2307	Finger	Lindquist	500
2308	Bennett	Ellis	3000
2309	Peterson	Allen	4100
2310	Brown	Van Sant	5000
2312	Lathrop	Flittner	1400
2313	Herman	Rollin	3000
2314	Fossing	Joseph	400
2315	Waggle	Dean	2000
2316	Orr	Sell	500
2317	Abrahamson	Corbett	3390
2318	Fowler	Fowler	400
2320	Crane	Younger	2101
2321	McEldowney	Banning	5500
2322	Curti	Murell	1000
2323	Laytham	Cormack	1500
2324	Bischoff	Bischoff	5000

FLATS AND STORES

(2277) SW HOPKINS AND LAUREL, Oakland. Two-story flats and stores
Owner.....Harde & Leviston, 3260 Delaware, Oakland.
Architect...None.
Day's work.....COST, \$2500

ALTERATIONS

(2278) NO. 202 MATHER, Oakland. Alterations.
Owner.....Mrs. Vretto, Premises.
Architect...None.
Contractor...J. C. Mickelson, 200 Santa Clara Ave., Oakland.
COST, \$100

ALTERATIONS

(2281) NO. 879 FIFTY-THIRD, Oakland. Alterations and additions.
Owner.....Ernest L. Moller, Premises.
Architect...None.
Contractor...Jesperson & Dippo, 878 54th, Oakland.
COST, \$1800

ALTERATIONS

(2282) NE THIRD AND LINDEN, Oakland. Alterations.
Owner.....F. Marino, 348 Filbert, Oakland.
Architect...None.
Contractor...F. Sullivan, 551 Filbert, Oakland.
COST, \$450

DWELLING

(2283) W FORTY-EIGHTH AVE 255 N Melrose Ave., Oakland. Two-story 6 room dwelling.
Owner.....Aug. Olson, 2161 48th Ave., Oakland.
Architect...None.
Day's work.....COST, \$1900

ALTERATIONS

(2284) NO. 2224 HOLLY, Oakland. Alterations.

Owner.....C. M. Hamilton, Premises.
Architect...None.
Day's work.....COST, \$400

CONCRETE COATING ON PILES

(2288) NO LOCATION GIVEN. Water proof concrete coating on 750 piles.
Owner.....Sunset Lumber Co., First and Water, Oakland.
Architect...None.
Contractor...John Vukovich and T. M. Andrich, 586 9th, Oakland.
Filed Sept. 14, '14. Dated Sept. 1, '14.
Completed and accepted each 1000 lin. ft. of pile concreting.....\$600
Usual 35 days.....Balance
TOTAL COST, \$3c per lin. ft.
Bond, \$3000. Sureties, Ambrose Padovan and Vincent Zulezich. Limit, 9 months. Forfeit, plans and specifications, none.

ALTERATIONS

(2290) NO. 867 FIFTY-FIFTH, Oakland. Alterations.
Owner.....Bongfeldt, Premises.
Architect...None.
Contractor...D. Birmingham, 3005 Fulton, Berkeley.
COST, \$100

DWELLING

(2291) E SEVENTY-NINTH AVE 301 N Rosedale, Oakland. One-story 4-room dwelling.
Owner.....F. H. Dailey, 2130 Broadway, Oakland.
Architect...None.
Contractor...G. R. Morris, 2821 Viola, Oakland.
COST, \$1000

DWELLING

(2292) SE PLEASANT VALLEY AND Rose, Oakland. One-story 5-room dwelling.
Owner.....Dr. L. D. Dupinch, 1736 12th Ave., Oakland.
Architect...None.
Contractor...E. W. Marwin.
COST, \$2500

DWELLING

(2294) W NINETY-SIXTH AVE. bet. "A" and "B," Oakland. One-story 4-room dwelling.
Owner.....J. Gonzalves, 96th Ave and E-14th, Oakland.
Architect...None.
Contractor...J. Fernandez, 2011 83rd Ave., Oakland.
COST, \$1000

ADDITION

(2295) NO. 801 LERIDA, Oakland. Addition.
Owner.....Albert E. Wilkinson, Prem.
Contractor...Adolf Klueter, 2011 Yolo Ave., Berkeley.
COST, \$400

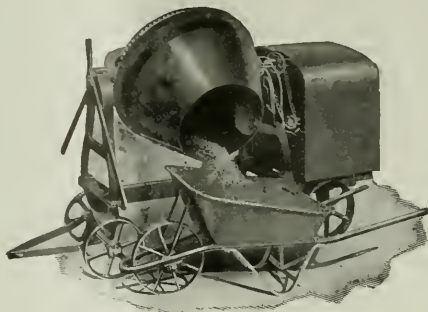
DWELLING

(2296) E NINETY-FOURTH AVE 200 N Olive, Oakland. One-story 2-room dwelling.
Owner.....Milda Ramin, 8803 Dowling, Oakland.
Architect...None.
Contractor...Martin Ramin, 2495 94th Ave., Oakland.
COST, \$500

FREE MARKET

(2299) S SIXTH, bet Washington and Broadway, Oakland. All work for free market.

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BIG-AN-LITTLE BATCH CONCRETE MIXER.

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Contractors

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HARRISON ST.,
bet. 8th & 9th
San Francisco

Telephone Market 337

Owner.....Greater Oakland Free Market, Commercial Bldg., Oakland.

Architect...None.

Contractor...Wm. I. Clarke.

Syb-Contractor...Harry C. Knight, 385 Market, Oakland.

Filed Sept. 16, '14. Dated Aug. 26, '14.
Plaster torn off walls of brick building and piers being set in frame building\$ 500
Brick walls changed and ceilings wired 1000
Cement floors completed..... 1000
Front door set and front frames ready for sash..... 500
Ready for painting..... 500
Ready for acceptance on lower floor 1500
Completed and accepted notes for 750

TOTAL COST, \$5750

Bond, limit, forfeit, none. Plans and specifications filed.

FRAME DWELLING

(2300) W EIGHTY-SEVENTH AVE
220 N E-11th, Oakland. One-story 6 room dwelling.

Owner.....Lewis & Mitchel, 1520 Broadway, Oakland.

Architect...None.

Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.

COST, \$2200

FRAME DWELLING

(2301) W ALFRED 120 N Holly, Oakland. One-story 6-room dwelling.
Owner.....Lewis & Mitchel, 1520 Broadway, Oakland.

Architect...None.

Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.

COST, \$2200

FRAME DWELLING

(2302) S THIRTY-EIGHT at end of El Cerito Ave., Oakland. One-story 6-room dwelling.

Owner.....Percy I. Goldstine, 328 45th Oakland.

Architect...None.

Contractor...Geo. A. Perkins, 3322 Champion, Oakland.

COST, \$2500

DWELLING

(2303) TWENTY-SEVENTH AVE, bet. E-11th and Boulevard, Oakland. One story 7-room dwelling.

Owner.....J. Michel, 1751 27th Ave., Oakland.

Architect...None.

Contractor...G. Morilhat, 1333 E-18th, Oakland.

COST, \$2800

ALTERATIONS AND REPAIRS.

(2304) NO. 1194 SIXTY-THIRD, Oakland. Alterations and repairs.

Owner.....J. Jones, Premises.

Architect...None.

Day's work.

COST, \$100

ADDITION

(2305) NO. 2319 E-FOURTEENTH, Oakland. Two-story addition over stores (apartment addition frame).

Owner.....A. Mitchell, Premises.

Architect...None.

Contractor...W. H. Fake, 1610 25th Ave., Oakland.

COST, \$5000

DWELLING

(2306) NO. 317 ALCATRAZ AVE., Oakland. Two-story 6-room dwelling.

Owner.....J. J. Bennett, 125 E-15th, Oakland.

Architect...None.

Contractor...Chas. E. Ellis, 115 11th Ave., San Francisco.

COST, \$3000

ALTERATIONS

(2307) NO. 550 TWENTY-FIFTH, Oakland. Alterations.

Owner.....C. P. Finger, Premises.

Architect...None.

Contractor...F. I. Lindquist, 448 35th, Oakland.

COST, \$500

FRAME DWELLING

(2308) LOT 45 SANTA FE TRACT, Oakland. All work except electric fixtures and shades and insurance for two-story and basement frame dwlg.

Owner.....J. J. Bennett.

Architect...None.

Contractor...Charles E. Ellis, 115 11th Ave., San Francisco.

Filed Sept. 17, '14. Dated Sept. 16, '14.

Frame up 1/4

Plaster completed 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$3000

Bond, none. Limit, Dec. 1. Forfeit, none. Plans and specifications filed.

FRAME BUILDING

(2309) W BAY 35 S Peabody Lane, Emeryville. Framing, wood work, glass and glazing and hardware for one-story frame building.

Owner.....Peterson Tallow Co., Emeryville.

Architect...John H. Powers, 460 Montgomery, San Francisco.

Contractor...F. E. Allen, 468 34th, Okd. Filed Sept. 17, '14. Dated Aug. 24, '14.

Wood floor completed..... 1/4

Frame work completed..... 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$1100

Bond, \$2200. Surety, Fidelity & Deposit Co. Limit, 60 days after Sept. 14. Forfeit, none. Plans and specifications filed.

APARTMENTS

(2310) NE TENTH AND WASHING-

ton, Oakland. New side walk work and alterations to store fronts.
Owner.....Arthur Brown.
Architect.....Bakewell & Brown, 251 Kearny, San Francisco.
Contractor.....Van Sant-Houghton Co., 503 Market, San Francisco.
Filed Sept. 14, '14. Dated —, '14.
Concrete walls poured.....\$1500
Concrete work and side walks completed.....1500
Completed and accepted.....750
Usual 35 days.....Balance
TOTAL COST, \$5000
Bond, none. Limit, Nov. 1. Forfeit, none. Plans and specifications filed.
NOTE—1st report Sept. 2, No. 2190.

FRAME DWELLING
(2312) SW ELEVENTH AND PERALLA TH W 100 to pt bsg S 104xW 37½ Oakland. All work for one-story 5-room dwelling.
Owner.....Rev. Charles N. Lathrop, 261 Fell, San Francisco.
Architect.....None.
Contractor.....Jos. Flittner, 1700 35th Ave., Oakland.
Filed Sept. 17, '14. Dated Sept. 16, '14.
Frame up.....¼
Brown coated.....¼
Completed and accepted.....¼
Usual 35 days.....¼
TOTAL COST, \$1160
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(2313) E COLE 100 N Ygnacio, Oakland. One-story 6-room dwelling.
Owner.....Chas. F. Herman, 5419 Fairfax Ave., Oakland.
Architect.....None.
Contractor.....E. E. Tollin, 357 Athol Ave., Oakland.

ALTERATIONS
(2314) NO. 608 SEVENTEENTH, Oakland. Alterations.
Owner.....C. M. Fossing, 560 Oakland Ave., Oakland.
Architect.....None.
Contractor.....A. Joseph, 604 17th, Okd.
COST, \$100

DWELLING
(2315) NE TWENTY-THIRD AVE & E-15th, Oakland. Two-story five-room dwelling.
Owner.....August Wagele, Premises.
Architect.....None.
Contractor.....C. M. Dean, 2206 23rd Ave., Oakland.
COST, \$2000

DWELLING
(2316) NE NYE AND MARS, Oakland. One-story 4-room dwelling.
Owner.....Rev. J. B. Orr, Oakland.
Architect.....None.
Contractor.....Sell & Ecker, 570 9th, Okd.
COST, \$600

ALTERATIONS
(2317) COR. THIRTEENTH AND Washington, Oakland. Alter goods store.
Owner.....Abrahamson Bros., Prem.
Architect.....None.
Contractor.....Corbett & Bayliss, 1110 Franklin, Oakland.
COST, \$3390

DWELLING
(2318) E MAGEE 100 N California, Oakland. One-story 4-room dwlg.

Owner.....L. J. Fowler, 3707 Brown Ave., Oakland.
Architect.....None.
Day's work. COST, \$400
FRAME DWELLING
(2320) SAN LORENZO. All work except finish hardware, plumbing fixtures, electric fixtures and shades for one-story frame dwelling.
Owner.....E. H. and Mary T. Crane.
Architect.....None.
Contractor.....F. A. Younger.
Filed Sept. 18, '14. Dated —, '14.
Frame up.....¼
Brown coated.....¼
Completed and accepted.....¼
Usual 35 days.....¼
TOTAL COST, \$2101
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(2321) NW SEWARD AND NE NAPA NE 10xNW 100, Oakland. All work for two-story 8-room and basement frame dwelling.
Owner.....Frank E. and Minnie H. McEldowney, Oakland.
Architect.....None.
Contractor.....Banning & Stewart, 5215 Broadway, Oakland.
Filed Sept. 18, '14. Dated Sept. 14, '14.
Frame up and enclosed.....¼
Brown coated.....¼
Completed and accepted.....¼
Usual 35 days.....¼
TOTAL COST, \$5500
Bond, \$2750. Surety, Southwestern Surety Insurance Co. Limit, 66 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(2322) W ABBEY 150 S Porter, Oakland. One-story 4-room dwelling.
Owner.....V. Curti, 3325 Abbey, Okd.
Architect.....None.
Contractor.....A. E. Murcell, 3329 Redding, Oakland.
COST, \$1000

ADDITION
(2323) NO. 4210 MARKET, Oakland. Addition.
Owner.....T. M. Laytham, Premises.
Architect.....None.
Contractor.....R. Cormack, 589 39th, Okd.
COST, \$1500

FRAME APARTMENTS
(2324) S HARWOOD AVE 400 E College Ave., Oakland. Two-story 16-room frame apartments.
Owner.....John A. Bischoff, 551 Crofton Ave., Oakland.
Architect.....None.
Day's work. COST, \$5000

◆ Berkeley. ◆
2279 KraftKraft 1500
2280 BoehrerBoehrer 2000
2281 SunsetVukovich 400
2282 BledsoeIdings 400
2286 PeakeTexdahl 3000
2287 Asso Students. C C Constr 2000
2288 SampsonNeal 700
2292 Friends Ch.Jessup 3500
2298 VirziVirzi 1500
2311 CornwallPearson 1525
2319 CutlerSattion 1000

DWELLING
(2279) N CHANNING WAY 111 E McKinley, Berkeley. One-story 4-room dwelling.
Owner.....J. W. Kraft, 795 40th, Okd.
Architect.....None.
Day's work. COST, \$1500

APARTMENT FLATS
(2280) W FULTON 150 N Ashby Ave., Berkeley. Two-story 6-room apartment flats.
Owner.....Mary J. Boehrer, 2326 Fulton, Berkeley.
Architect.....J. H. Boehrer, Delgar Bldg., Oakland.
Contractor.....J. H. Boehrer, Delgar Bldg., Oakland.
COST, \$2000

ADDITION
(2285) E GROVE 160 S Rose, Berkeley. Addition.
Owner.....Mrs. Bledsoe, 1115 Grove, Berkeley.
Architect.....None.
Contractor.....W. W. Idings, 1805 Cedar, Berkeley.
COST, \$400

DWELLING
(2286) LOT 36 BLK "II" Map Northbrae, Berkeley. All work for one and one-half-story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect.....None.
Contractor.....Chris Texdahl, 3035 Harper Berkeley.
Filed Sept. 15, '14. Dated Sept. 11, '14.
Frame up.....¼
Brown coated.....¼
Completed.....¼
Usual 35 days.....¼
TOTAL COST, \$3000
Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

RUNNING TRACK
(2287) U. C. RUNNING TRACK AND Field, Berkeley. All work for running track.
Owner.....Associated Students of California.
Architect.....John Galen Howard, 604 Mission, San Francisco.
Contractor.....Contra Costa Constr. Co., 2323 Shattuck Ave., Bkly.
Filed Sept. 15, '14. Dated Aug. —, '14.
Each month.....75%
Usual 35 days.....25%
COST plus 12½%
Bond, \$15,000. Surety, Pacific Coast Casualty Co. Limit, forfeit, plans and specifications, none.

ADDITION
(2289) S ALCATRAZ AVE 150 E College Ave., Berkeley. Add to two-story frame apartments.
Owner.....Dr. May Sampson, Berkeley National Bank Bldg., Berkeley.
Architect.....None.
Contractor.....Joseph Neal, 3307 College Ave., Berkeley.
COST, \$2000

ALTERATIONS
(2293) W FULTON 50 S Channing Way, Berkeley. Alterations.
Owner.....Friends Church.
Architect.....None.
Contractor.....J. J. Jessup, 2620 Cedar, Berkeley.
COST, \$700

DWELLING
(2297) E BUENA VISTA WAY at head of Buena Vista Way, Berkeley. dwelling.
Owner.....A. C. Lawson.
Architect.....None.
Contractor.....H. H. Porter.
COST, \$3500

(2298) W BRYON 200 S Channing, Berkeley. One-story 5-room dwlg. Owner.....Albert Virzl, 2414 Byron, Berkeley.
Architect...None
Day's work. COST, \$1500

ADDITION

(2311) NO. 1444 EUCLID AVE., Berkeley. Addition to two-story frame dwelling.
owner.....Sada D. Cornwall, Prem.
Architect...Edna Deakin, 3100 Telegraph Ave., Berkeley.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
Filed Sept. 17, '14. Dated Sept. 17, '14.
Framed 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1528

Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2319) SW SIXTH AND GRAYSON, Berkeley. Alterations.
Owner.....The Cutter Laboratory, Premises.
Contractor...J. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, \$1000

COMPLETION NOTICES.

ALAMEDA COUNTY

Sept. 1, 1914—S SANTA CLARA AVE 250 E Chestnut, Alameda. Annie C Muller to Conrad Roth.Aug. 28, '14
Sept. 1, 1914—NW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Clinton Fire proofing Co.....Aug. 25, 1914
Sept. 1, 1914—LOT 33 BLK 18 Map Northbrae, Bkly. Grace C Woodburn to whom it may concern.....September 1, 1914
Sept. 1, 1914—LOT 10 Map Dimond Vista, Okd. Paul E Woodburn to whom it may concern.....Sept. 1, 1914
Sept. 2, 1914—THIRTY-EIGHTH 335 E Broadway, Okd. George H Tyson to Earl Saxton.....Aug. 20, 1914
Sept. 2, 1914—E 41.06 Lot 29, Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....Sept. 2, '14
Sept. 2, 1914—W CASTRO (if extended S) 80 S First W 45x.03 S 300 E to Castro (if extended S) N to Pt of beg, Okd. Pacific Gas & Elec Co to Duncanson-Harrelson Co, IncAug. 25, 1914
Sept. 3, 1914—LOT 44 BLK "C" Map W Woodard to whom it may concernSept. 3, 1914
Sept. 4, 1914—NE DERBY & TELEGRAPH AVE, being No. 2643 Telegraph Ave, Bkly. Richard T Fourth Avenue Terrace, Okd. E Kennedy to P G MacIntyre.Sep. 1, '14
Sept. 4, 1914—LOTS 1 AND 2 BLK "F" Map Bryon Jackson Iron Works Pty, Bkly. Matilda Palmros and Mary Neska to Gustaf JohansonAug. 29, 1914
Sept. 4, 1914—NE ELEVENTH AND Frankie E 100xN 37-6, Oakland. Barbara Strellt by W Wilde to H F Lass.....Sept. 1, 1911
Sept. 5, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co (by P J Walker Co) to Western Iron Wks, Aug. 27, '14
Sept. 8, 1914—LOTS 28 AND 29 Map Lawton Ave Tract, Okd. Charles

McArthur to whom it may concernSept. 8, 1914
Sept. 8, 1914—S FIFTIETH 41.06 W Lawton W 38xS 92, Okd. Chas McArthur to whom it may concern.....Sept. 8, 1914
Sept. 11, 1914—S HOPKINS 180 W 13th Ave, Okd. Tillia A Record to F N Fabing.....Sept. 10, 1914
Sept. 11, 1914—LOT 12 BLK 3 Claremont Park, Bkly. Caroline Wolhold to Jacob Kollmer.....Sept. 10, 1914
Sept. 11, 1914—E THOMAS 37-1 N Napa, Okd. Chas G Helstrom to whom it may concern.....Sept. 10, 1914
Sept. 11, 1914—SW BELVEDERE & Ygnacio Ave, Okd. James Rountree to whom it may concern.....Sept. 3, '14
Sept. 11, 1914—SE TWENTY-FIFTH AND Grove S 60x E 90, Okd. St. George Hall Ass'n to George FakeSept. 5, 1914
Sept. 11, 1914—E 1/2 Lot 30 BLK 16 Boulevard Park, Brooklyn Tp. A F B Real Estate Co to whom it may concern.....Sept. 5, 1914
Sept. 11, 1914—LOTS 6 AND 7 AND 25 Blk 1, Thousand Oaks Heights, Oakland Tp. J H Spring to Spring Constr Co.....Sept. 9, 1914
Sept. 11, 1914—GORE TELEGRAPH Ave and Broadway, Okd. Federal Realty Co to United States Metal Products Co.....Sept. 3, 1914
Sept. 11, 1914—S HOPKINS 150 W 13th Ave W 40xS 130, Okd. Tillie A Record to F N Fabing.....Sept. 10, '14
Sept. 8, 1914—SW CLAY AND 16TH S 60xW 100, Okd. M Friedman Realty Co to Otis Elevator Co.....Sept. 3, 1914
Sept. 12, 1914—SW SIXTEENTH AND Clay, Okd. M Friedman Realty Co to Levy Elec. Co.....Sept. 12, 1914
Sept. 12, 1914—LOT 26 BLK "B" Grand Ave Heights, Okd. C C Borton to Leo L Nichols.....Sept. 12, 1914
Sept. 14, 1914—NO LOCATION GIVEN Okd. H E Selby to John J VictorySept. 11, 1914
Sept. 14, 1914—SW SIXTEENTH & Clay S 60xW 100, Okd. M Friedman Realty Co to L Haws.....Sept. 10, 1914
Sept. 14, 1914—E 25 Lot 5 AND W 5 Lot 6 Blk 2093 Map Alden Tract at Temescal, Okd. Thos Giordano to R Cormack.....Sept. 12, 1914
Sept. 16, 1914—W SIATTEUCK AVE 41.5 N Blake N 38.5 W 139.15 S 38.4 E 138.44, Bkly. Eugene L Brock to F E Nelson.....Sept. 6, 1914
Sept. 16, 1914—E COR. MANOR Drive and Holly, Piedmont. A C Davis to James Rountree.Sep. 14, '14
Sept. 16, 1914—SE FIFTIETH AND Lawton, Okd. A H Secombe to whom it may concern.....Sept. 15, 1914
Sept. 17, 1914—LOT 10 BLK 4 Claremont Tract, Bkly. Roy S Haynes to E B Spittler.....Sept. 11, 1914
Sept. 18, 1914—SW HAMPEL AND SE Greenwood Ave SE 42.50xSW 110, Okd. H J Quinn to whom it may concern.....Sept. 17, 1914
Sept. 18, 1914—LOT 11 BLK 16 Map Northbrae, Bkly. George R and Nettie C Berling to W S Montgomery.....Sept. 15, 1914

LIENS FILED.

ALAMEDA COUNTY.

Sept. 2, 1914—LOTS 20 AND 21 Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. Leo V Golder, \$118. A P Gaillard and G D Cooper (California Roofing Co), \$40 vs

Howard and Minnie Williford and C A Menker.....
Sept. 2, 1914—LOTS 5 AND 6 Map Fruitvale Vista Tract, Okd. F M Dreisbach (Zenith Mill & Lumber Co) vs Charles E Murdock, A T Norwich and C C Hays.....\$159.56
Sept. 2, 1914—SE MANILA & GLENDALE Aves, being No. 2516 Manila Ave, Okd. Herman Bredlow vs E L Menker and Howard Williford.....\$38.50
Sept. 3, 1914—LOT 56 Map Gorrill Glen, Okd. Spott Bros vs M O Briggs and W A Walker.....\$345
Sept. 3, 1914—FOURTEENTH AVE NO. 3418, Okd. Spott Bros vs W A Walker and Perry E Baird.....\$225.80
Sept. 3, 1914—NW TWENTY-4TH & Okd. J B Sprague vs O C and Julia Bay Place, being Nos. 252-4-6 24th, Bryan\$25
Sept. 3, 1914—S FIFTIETH 35.84 E Lawton Ave E 45xS 90, Okd. Spott Bros vs W A Walker and J M Gonzalez\$241.95
Sept. 4, 1914—LOTS 20 AND 21 Map Geo W Austin Sbdvn Blk "D" Map Vernon Park, Okd. Swift & Wilcox vs C A Menker, E L Menker, H W Williford and L E Dagle.....\$175
Sept. 5, 1914—W FIFTH, bet Adeline and Magnolia; being Nos. 1168-70 Fifth, Okd. Sunset Lumber Co vs Gio Gilio and E J Theille.....\$374.36
Sept. 5, 1914—S ELM (or 24th) 350 W Telegraph Ave S 140.6 W 50 N 140 E 50, Okd. McCreery & Sampson vs M M Horn.....\$2250
Sept. 5, 1914—NE MANILA AVE, being Lots 20 and 21 Map Geo W Austin's Sbdvn Blk "D," Vernon Park Tract, Okd. J A Turgeon vs C A Menker and Howard W Williford\$100
Sept. 5, 1914—LOTS 14 AND 15 BLK 7 Map No. 4, Regents Park, Bkly. John P Maxwell vs W F Cook, Francis E Williams and Alameda County Loan Ass'n.....\$124.45
Sept. 5, 1914—LOT 25 Map North Christiana Tract, Albany. Spott Bros vs W A Walker and Karin Johnson\$190
Sept. 8, 1914—NE FOURTEENTH & Peralta, Okd. A J Hillan vs Wallace Clark\$276.15
Sept. 8, 1914—LOTS 20 AND 21 BLK "D" Vernon Park Tract, Okd. C P Hunter and C H McCoy vs H M and M Williford\$32.50
Sept. 8, 1914—N FOURTEENTH 90 W Center 179 to SE Peralta NE 104.2 E 116.57 S 100, Okd. A J Hillan vs Wallace Clark.....\$276.15
Sept. 10, 1914—LOTS 11 AND 12 BLK "L" Laurel Grove Park, Map Laurel Grove Park, Bklyn Tp, Oakland. E M Williamson vs Amadee Matrat.....\$920.63
Sept. 10, 1914—LOT 71 Map Resbdvn Peralta Park, Bkly. Pacific Mfg Co vs Otto Mailanen, August Lalne and Paul Gustafson.....\$740.03
Sept. 12, 1914—NW COR. GRAND & Elmwood Aves W 109.63 NE 34.33 SW 105.55 S 43.06, Okd. Maxwell Hardware Co vs Louis Bernstein and Fred Peters.....\$92
Sept. 14, 1914—LOTS 20 AND 21, Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. California Door Co vs Howard W and Minnie Williford, Charlotte A and Earle L Menker\$117
Sept. 15, 1914—LOTS 20 AND 21 Map Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. Herbert

Hansen vs Howard Willford and Charlotte A and E L Menker.....\$69
 Sept. 15, 1914—LOTS 20 AND 21, Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. A H Bar (Bar Mercantile Co) vs Minnie and Howard Willford, C A and Earle L Menker.....\$120.35
 Sept. 16, 1914—NE ELEVENTH AND Franklin E 100xN 37-6, Okd. E Anderson vs Barbara Streit.....\$3474.39
 Sept. 16, 1914—LOTS 20 AND 21 Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. William Delacour (Delacour Art Glass Works) vs Howard W Willford and Charlotte A and E L Menker.....\$19.32
 Sept. 17, 1914—NE ELEVENTH AND Franklin E 100xN 37-6, Okd. C L Cummins vs Barbara Streit, Earnest Anderson and Wm Wilde.....\$57
 Sept. 17, 1914—LOTS 20 AND 21 Geo W Austin's Sbdvn Blk "D" Vernon Park Tract, Okd. Pacific Fuel & Building Material Co vs Minnie and Howard H Willford, C A Menker and Nels J Lindstrom.....\$10.15

RELEASE OF LIENS.

Alameda.

Sept. 17, 1914—LOTS 14 AND 15 BLK 7, Map No. 4, Regents Park, Bkly. John P Maxwell to W F Cook and Frances E Williams.....\$124.45
 Sept. 16, 1914—S THIRTY-THIRD 395.95 W Telegraph Ave W 40xS 123, Okd. A H Christie to J C and Laura Petersen and A B Wickersham.....\$71.40
 Sept. 15, 1914—N FOURTEENTH 149 E 60.57 S to pt beg, Okd. Hogan W Center W 80.05 N 25 NE 78.15 Lumber Co to Wallace Clark.....\$190.11
 Sept. 15, 1914—NW AYALA AVE 260.50 NE Herman at r a from Ayala Ave 128.65 S 70, Okd. George K Campbell, \$63; Chester A Thaxter, \$42.50; W H Thaxter, \$240.20 to W H Robinson & W H Thaxter
 Sept. 14, 1914—NO. 2524 NINTH AVE, Okd. Spott Bros vs Joseph Graves, M P Graves and The Realty Syndicate.....\$75

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOW — 1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, Charles McKenzie, Bank of San Jose Bldg., San Jose. Owner, A. Lesta. The dwelling will be erected on George street near Poplar, and has been designed to contain five rooms and bath. Pine and redwood interior trim will be used throughout. There will be an open fire place and tile or brick mantel. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by day labor.

BUNGALOW — 1 story and base, frame, \$1,500. San Jose, Santa Clara Co., Cal. Architect, none. Owner, Mrs. J. B. Harper, 178 North 4th street, San Jose. The dwelling will be erected on North 4th street, and has been designed for a five-room house with bath. Interior will be finished in pine and redwood with some hardwood floors. There will be an open fire place and tile mantel. Exterior of the dwelling

will be covered with rustic and cement plaster. Plans are in the hands of the owner who will do the work by day labor.

RESIDENCE — 1 story and base, frame, \$3,000. Santa Cruz, Santa Cruz Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, D. S. Murphy. This dwelling has been designed for a summer home and will contain five rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile or brick mantels. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are being prepared.

LIBRARY, 1 story and base, reinforced concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Santa Cruz. The building will be erected in Garfield Park, and has been designed in the classic style. There will be two large reading rooms, office and stack and work rooms. Interior finish will be largely of pine with some hardwood veneer. Maple floors will be used. A central heating system will be installed. Metal book shelves will be specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on October 5th. Plans can be secured from the architect.

SCHOOL — 1 story and base, frame and plaster, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Owners, Burlingame School District. Note has been sent out stating that the opening of bids for this work has been postponed until September 22nd. A complete list of the figures will be found in the next issue of the Building and Industrial News.

GYMNASIUM — 1 story and base, brick and steel. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Plans for the men's gymnasium to be erected on the campus of the university have been completed. The building will have a frontage of 340 feet and will vary in depth. Interior will be finished in pine with maple floors. There will be complete mechanical and gymnasium equipment. A large swimming tank will be installed. Steam heat and vacuum cleaning are specified. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

BRIDGE — Reinforced concrete. Cost not stated. Los Gatos, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans have been completed and approved for constructing a reinforced concrete bridge over Los Gatos Creek at the Infirmary Road. The bridge will be of the arch type. Bids are now being taken and will be opened on October 5th. Plans and specifications can be secured from the County Surveyor at San Jose.

CEMENT PLANT RECONSTRUCTION — \$250,000. San Juan, San Benito Co., Cal. Engineers, Hunt Engineering Co., Kansas City, Mo. Owners, Old

Mission Portland Cement Co. It is probable that the cement plant of the old Mission Portland Cement Co., located at San Juan in San Benito County will be reconstructed and again put in operation. Frank L. Brown of San Francisco together with representatives of the Hunt Engineering Co. of Kansas City, Mo., visited the works last week. The Hunt Engineering Co. agrees to install \$250,000 worth of modern machinery and will carry stock in the company.

Building Contracts Awarded.

SANTA CLARA COUNTY.

FRAME RESIDENCE

WINCHESTER STATION, Santa Clara Co. All work for two-story frame residence.

Owner.....A. E. Osborne, Santa Clara St., San Jose.

Contractor.....R. O. Summers, 17 N-First

TOTAL COST, \$3141

Architect.....G. W. Page, Rea Bldg., San Jose.

Filed Sept. 12, '14. Dated Aug. 31, '14. days. Forfeit, none. Plans and specifications filed.

As work progresses..... 75%

Usual 35 days..... 25%

Bond, \$1571. Surety, The American Surety Co. of New York. Limit, 90

FRAME RESIDENCE

NE JULIAN AND MORRISON STS., San Jose. All work for one-story frame dwelling.

Owner.....George Owen, 14 Stockton Ave., San Jose.

Architect.....C. J. Wolfe, 1st National Bank Bldg., San Jose.

Contractor.....H. S. Waltz, San Jose.

Filed Sept. 10, '14. Dated Sept. 5, '14.

Frame up.....\$463.25

Brown plaster on.....\$63.25

When completed.....\$63.25

Usual 35 days.....\$63.25

TOTAL COST, \$1853.00

Bond, \$926. Sureties, G. D. Hurff and

Chas. Hastings. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

FRAME COTTAGE

W MORRISON AVE near The Alameda.

Owner.....E. H. Kocher, 15 S-First St., San Jose.

Architect.....C. D. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor.....J. B. Lamb, 640 S-11th St., San Jose.

Filed Sept. 12, '14. Dated Sept. 10, '14.

Frame up.....\$697.50

Plaster on.....697.50

When completed.....697.50

Usual 35 days.....697.50

TOTAL COST, \$2790.00

Bond, \$1400. Sureties, E. W. and O. E. Schnabel. Limit, 75 days. Forfeit,

none. Plans and specifications filed.

FRAME COTTAGE

E PEARL AVE, between Hillsdale and

Downer Aves., Santa Clara Co. All

work for one and one-half-story

frame cottage.

Owner.....Mrs. F. M. Rawlings, S. J.

Architect.....Chas. McKenzie, Bank of

San Jose Bldg., San Jose.

Contractor.....J. L. Carter, 75 Glen Eyre

San Jose.

Filed Sept. 12, '14. Dated Sept. 10, '14.

Frame up.....\$569.25

1st coat plaster on.....569.25

When completed. 569.25
Usual 35 days. 569.25
TOTAL COST, \$2277.00
Bond, \$1138. Sureties, E. W. and O. E. Schnabel. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
N GEORGE near Poplar St., San Jose.
Four-room cottage.
Owner.....A. Lesta.
Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Day's work. COST, \$1400

FRAME DWELLING
NO. 180 N-FOURTH ST., San Jose.
Five-room cottage.
Owner.....Mrs. R. B. Harper, 178 N-Fourth St., San Jose.
Architect...None.
Day's work. COST, \$1200

ALTERATIONS
NO. 650 N-SECOND ST., San Jose.
Alterations.
Owner.....F. Mozza, Premises.
Architect...None.
Day's work. COST, \$500

ADDITIONS
NO. 372 N-FOURTEENTH ST., San Jose
Two-room addition.
Owner.....S. P. Sorensen, Premises.
Day's work. COST, \$500
Architect...None.

Building Contracts Awarded.

SAN MATEO COUNTY.

FRAME RESIDENCE
LOT 13 BLK 9 of Baldwin & Howell's re-subdivision of San Mateo Park. Concrete work, carpentry, stone work, brick work, plumbing, etc., for frame residence.
Owner.....Frank V. Smith, 80 Post, San Francisco.
Architect...Henry H. Gutterson, 80 Post, San Francisco.
Contractor...F. H. Boring, 514 Santa Inez Ave., San Mateo.
Filed Sept. 11, '14. Dated Sept. 2, '14.
Plastering completed\$890.25
House completed\$90.25
Usual 35 days. 593.50
TOTAL COST, \$2274.00
Bond, \$1187. Surety, American Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
LOTS 8 AND 9 BLK LETTERED E, Fair Oaks Acres, Palo Alto. All work for one-story and attic frame dwelling and garage.
Owner.....Dr. Wm. H. Schord, Palo Alto.
Architect...E. H. Denke, 1317 Hyde, San Francisco.
Contractor...H. J. Ross, Palo Alto.
Filed Sept. 14, '14. Dated —, '14.
Frame completed & sheathed.....\$1300
All plastering completed..... 1300
Completed and accepted..... 1300
Usual 35 days..... 1300
TOTAL COST, \$3200
Bond, \$2600. Surety, Southwestern Surety Insurance Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
SW ½ LOT 2 BLK 7 MAP NO. 2 of Burlingame Land Co., Burlingame. All work for one-story and attic

frame bungalow with garage.
Owner.....Susie P. Sullivan, Burlingame.
Architect...None.
Contractor...Henry H. Zwick, Burlingame.

Filed Sept. 14, '14. Dated Sept. 12, '14.
Frame up\$843.75
1st coat plaster on..... 843.75
When finished 843.75
Usual 35 days. 843.75
TOTAL COST, \$3375.00
Bond, \$1690. Surety, Maryland Casualty Co. Limit, Before Nov. 21. Forfeit, none. Plans and specifications filed.

ALTER FRAME COTTAGE
SANTA INEZ & GRIFFITH AVE., San Mateo. Alter and enlarge one-story frame cottage.
Owner.....Nellie Ryley, San Mateo.
Architect...None.
Contractor...W. S. Alexander, San Mateo.

Filed Sept. 16, '14. Dated Sept. 15, '14.
Rough material delivered.....\$233.75
Rough work completed and 1st coat of paint on..... 233.75
When completed 233.75
Usual 35 days. 233.75
TOTAL COST, \$935.00
Bond, \$467.50. Sureties, G. D. Smith and H. Schulken. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FACTORY BUILDINGS

MIDDLEFIELD ROAD, Redwood. Grading, concrete, carpenter, roofing and galvanized iron work for ten buildings for factory.
Owner.....National Magnesia Mfg. Co., Redwood.
Architect...None.
Contractor...Caldwell & Wisnom, San Mateo.

Filed Sept. 17, '14. Dated Sept. 16, '14.
All concrete foundations in place and lumber on ground.....\$1935
Frame work of all buildings up ready to receive galvanized iron roofing, etc 1935
All work completed..... 1935
Usual 35 days..... 1935

TOTAL COST, \$7740
Bond, Caldwell & Wisnom are now insured against employers' liability and agrees to keep said insurance during the life of this contract. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Aug. 31, 1914—PART BLK 4 Range 1 south of the base line of San Jose near intersection of First and Market St., San Jose. Seymour Montgomery to R O Summers..... August 29, 1914
Aug. 31, 1914—LOT 13 Spivalvo Trct., Santa Clara Co. F H Scott to S H Gandrup..... August 29, 1914
Sept. 1, 1914—NR COR. WAVERLY and Homer Ave., Palo Alto. Jno Duffield to whom it may concern August 31, 1914
Sept. 2, 1914—SHOTTENHAMER TCT San Jose. E Fox to Jno Wagner..... Sept. 2, 1914
Sept. 11, 1914—LOT 21 BLK 22 Hobson Tract, San Jose. G L Holtum to J E Perkins..... Sept. 10, 1914

Sept. 12, 1914—LOT 19 BLK 47, Palo Alto. J Duffield to whom it may concern..... January 8, 1915

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Sept. 4, 1914—HOMESTEAD, San Mateo. San Mateo School District to Croop & Keegan..... Aug. 28, 1915
Sept. 5, 1914—PTN LOT 4, Valparaiso Tract, Menlo. Academy of The Sacred Heart to H Grassel..... August 28, 1915
Sept. 5, 1914—PTN LOT 4 Valparaiso Tract, Menlo Park. Academy of The Sacred Heart to Herman Grussel..... Aug. 28, 1915
Sept. 5, 1914—PTN LOT 4, Valparaiso Tract, Menlo Park. Academy of The Sacred Heart to Smyth Bros, Inc..... August 28, 1915
Sept. 8, 1914—LOT 12 BLK 19, Lomita Park. E D Painter to R C Stickle..... August 31, 1915
Sept. 8, 1914—LOT 14 BLK 2, Burlingame Terrace, Burlingame. Lyon & Hoag to whom it may concern..... August 27, 1915
Sept. 10, 1914—LOT 5 BLK NO. 39, Easton Addition to Burlingame No. 3. John H. Clendenning to William F Dreyer..... Sept. 5, 1915

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 5, 1914—LOTS 18, 19, 20 BLK 4 Sub Blks 2, 3, 4 and 5 in Concordia Land Co Tract. Spring Valley Lumber Yard (E D Connelley and H W Bode) vs John Kownacki.....\$51.
Aug. 8, 1914—LOTS 38, 39 BLK NO. 12, San Bruno Park; Map of Blks 10 to 12. John W Jones and G E Brunner vs C E Baccala (alias Emil Baccala)\$1

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 14, 1914—LOT 4 BLK 11, East San Mateo. Adolph Widell to S A Nelson and G W McElwain.....\$78.
Sept. 14, 1914—LOTS 4 AND 8 BLK 11, East San Mateo. Loop-Wisnom Lumber Co. \$1673.93; B S Hanson, \$192.64, Cederborg & Anderson, \$296.30; Oscar L Zeis, \$203; Bond & Jones, \$112.89 to Samuel A Nelson and George W McElwain.....

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGES — Reinforced concrete Cost not stated. San Rafael, Mar Co., Cal. Engineer, County Survey Richardson, San Rafael. Owners, Marin County. County Surveyor Richardson presented plans for three reinforced concrete bridges to be erected in Marin County along the new State Highway. The Supervisors approved the plans and specifications, and ordered a Notice to Contractors published at once. The bridges will be erected as follows: One over Coyote Creek, 75 feet long, to cost about \$612. One over Arroyo Corte Made

el Presidio Creek, about 80 feet long, cost about \$5,575, and one over slough near Alto, about 8 feet, estimated cost \$1,637. All to be 30 feet wide.

EPILEPTIC COTTAGE—1 story, frame and concrete. Cost not stated. (Lidge, Sonoma Co., Cal. Architect, late Architect George B. McLaughlin, Sacramento. Owners, State of California. Plans have been completed for an "Epileptic Cottage for Girls," which will be erected at the Sonoma State Home. Construction will be of frame and concrete. Interior will be finished with pine throughout. Exterior of the building will be covered with either staves or cement plaster on metal lath. Bids will be opened on October 1st. Plans and specifications can be secured from the State Department of Engineering at Sacramento. An official proposal appears in another column of this issue.

Building Contracts Awarded.

MARIN COUNTY

FRAME BUNGALOW
J. L. VALLEY, Marin Co. Concrete, lumber, mill work, plastering, etc., for one-story frame bungalow. Owner.....Marietta S. Walters, Mill Valley.

Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor...Christian Armbruster, Mill Valley.

Ad. Sept. 17, '14. Dated Sept. 4, '14.
Frame up to.....\$13,225
Brown coated.....612.25
When completed.....612.25
Usual 35 days.....612.25
TOTAL COST, \$2453.25
And, none. Limit, 70 working days.
Fret, none. Plans and specifications and.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
S. L. 17, 1914—SAN ANSELMO, Marin Co. W C Wessell to Marin Rock Co.....Sept. 11, 1914
S. L. 14, 1914—ROSS, Marin Co. Harry Scott to A F Hanson.....Sept. 8, 1914
S. L. 14, 1914—WINSHIP PARK, Ross Valley. Florence B Dyer to A Hanson.....Sept. 10, 1914

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—2 story and base, brick and reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno and Head Bldg., S. F. Dyers, Fresno School District. The building will be the largest of the new Fresno schools, which are being erected out of the \$4,500,000 bond issue, and will be erected in the Webster District. It shows a modern school containing fifteen class rooms, principal's office, teachers' rooms, assembly hall and domestic science and manual training departments. Interior will be finished in pine with maple floors. There will be steam heating system, complete burning equipment, program clocks and vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will

be opened on October 23rd. Plans and specifications can be secured from the architects.

Contracts Awarded.

ADDITORYUM—2 story and base, brick, \$52,000. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, Kern County. Contractors, Trewhitt & Shields, Fresno. Contract price, \$52,000.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BUNGALOWS—2, 1 story and base, frame, \$2,500 each. Stockton, San Joaquin Co., Cal. Architect, Chester H. Miller, Balziel Bldg., Oakland. Owner, Chester H. Miller. These dwellings will each contain six rooms and bath and will be erected in the Yosemite Terrace Tract. Interiors will be finished in pine and redwood. Some hardwood floors will be used. Each living room will have a large open fire place and tile or brick mantel. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$2,000. Avena, San Joaquin Co., Cal. Architect, Chester H. Miller, Balziel Bldg., Oakland. Owner, Roy H. Fish. The dwelling has been designed for a six-room house with bath and will be finished entirely in pine and redwood. Some oak floors will be used. There will be a large open fire place and tile mantel in the living room. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic. Plans are being prepared and when complete the work will be done by Day Labor.

HALL OF RECORDS—2 story and base, reinforced concrete, \$40,000. Oroville, Butte Co., Cal. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owners, Butte County. The building will be designed in the classic style and will be of fireproof construction with reinforced concrete floors and walls. Interior partitions will be of metal lath and hollow tile. Interior will be finished in pine, hardwood and metal. There will be steam heat and a vacuum cleaning plant. Metal furniture and shelves will be specified. Plans also provide for fireproof vaults. Exterior of the building will be faced with cement plaster. Plans are being prepared.

BUNGALOW—1 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, G. T. Landis, 2517 36th street, Sacramento. The dwelling will be erected on Y street and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place and tile mantel. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BRIDGE AND ROAD CONSTRUCTION—\$270,000. Nicolaus, Sutter Co., CAL.—Engineer, County Surveyor Yuba City. Owners, Sutter County. The Sutter County Board of Supervisors has taken up the matter of the

proposed Nicolaus bridge, which will connect Yuba City with Sacramento, and urge that early action be taken on the matter. The proposed bridge will cost \$150,000, and a road to connect with the bridge will cost \$120,000.

Building Contracts Awarded.

SACRAMENTO COUNTY.

ALTER RESIDENCE
NO. 715 TWENTY-THIRD ST., Sacramento. Remodel house, change partitions, etc.
Owner.....Wm. E. G. Morrill, 1010 Yale Ave., Sacramento.
Architect.....None.
Contractor.....Jno. Morrill, 3215 T St., Sacramento.

COST, \$800

ALTER RESIDENCE
NO. 1309 O ST., on W 1/4 Lot 7, N. O., 13th and 14th Sts., Sacramento. Remodel house, add bath, etc.
Owner.....A. Hahlvie, 2015 K St., Sacramento.
Architect.....None.
Contractor.....J. W. Watson, 2015 K St., Sacramento.

COST, \$400

FRAME RESIDENCE
NO. 821 26TH ST., on S 1/2 of N 1/2 Lot 8, H. I. 26th and 27th Sts., Sacramento. Four flats of 5-rooms each.
Owner.....P. F. Reed, 2613 28th St., Sacramento.
Architect.....None.
Contractor.....P. F. Reed.

COST, \$5100

FRAME RESIDENCE
NO. 2101 SHERMAN AVE, on Lot 1327, Wright & Kimbrough Tract No. 28, Sacramento. Five-room residence.
Owner.....Geo. C. Hanson, 2925 P St., Sacramento.
Architect.....None.
Contractor.....Wright & Kimbrough Bldg. Dept., 817 J St., Sacramento.

COST, \$2500

FRAME RESIDENCE
NO. 2504 V ST., on E 1/2 of N 1/2 Lot 1, U. V. 25th and 26th Sts., Sacramento. Five-room dwelling.
Owner.....O. H. Moore, 2903 35th St., Sacramento.
Architect.....None.
Contractor.....O. H. Moore.

COST, \$1800

FRAME RESIDENCE
NO. 3709 MAGNOLIA AVE E 40 ft. of S 1/2 Lot 36, South Sacramento. Five room dwelling.
Owner.....Chas Livermore, Oak Park Sacramento.
Architect.....None.
Contractor.....W. M. Kennedy, 3330 Orange Ave., Sacramento.

COST, \$1500

FRAME RESIDENCE
NO. 2921 Y ST., on W 32 feet Lot 7, Bk "A" Sub "E," South Sacramento. Four-room dwelling.
Owner.....G. T. Landis, 2517 36th St., Sacramento.
Architect.....None.
Day's work.

COST, \$1200

NO. 2330 P ST, Lot 4 P. Q. 23rd and 24th Sts., Sacramento. Reshingle entire roof of dwelling, new gutters steps and chimney.

Owner, W. A. Gott, Premises.
Architect, None.
Contractor, W. A. McNavin, 1615 25th
St., Sacramento.
COST, \$1000

RESHINGLE ROOF

NO. 1818 M ST., on W 1/2 Lot 3, M, N,
18th and 19th Sts., Sacramento. Reshingle roof.
Owner, E. W. Eales, 33 South 10th
St., San Jose.
Architect, None.
Contractor, J. F. Clark, Sacramento.
COST, \$300

LOS ANGELES AND SOUTHERN CALIFORNIA.

BANK AND OFFICES—5 story and base, Class B. Cost not stated. Los Angeles, Cal. Architects, Krenpel & Erkes, Henne Bldg., L. A. Owner, Mrs. Lucy Hauerwaas. The building will be erected at the corner of Pine and Broadway, covering an area of 50 by 150 feet. There will be a complete steel frame with brick exterior walls. The entire first floor will be occupied by the Marine Commercial and Savings Bank. Each of the upper floors will be arranged for twenty offices. Interior finish will be of pine and hardwood with ornamental plaster in the banking room. A tile floor and marble wainscot will also be used. Special bank fixtures and vaults will be installed. Plans provide for steam heat, a hot water system, vacuum cleaning, metal window sash and frames and elevator service. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are complete and figures will be taken at once.

HOTEL—4 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architects, Bordeaux-Johnson Architectural Co., Ferguson Bldg., L. A. Owner, Patrick Noble. The building will be erected on San Pedro street near Second, covering an area of 50 by 100 feet. There will be the main lobby and two stores on the first floor. Upper floors will contain 72 guest rooms and six baths. Interior finish will be of pine throughout. Plans provide for steam heat, elevator service and a hot water supply. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL GROUP—5, 1 and 2 story, brick and hollow tile, \$240,000. San Bernardino, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, San Bernardino Union High School District. The Administration building will be 152 by 70 feet with a rear wing, 72 by 130 feet to contain the auditorium; the science hall and classics building will each be 72 by 132 feet, home economics building, 70 by 112 feet; physical culture building will be 60 by 120 feet, and manual training building, 187 by 112 feet. The latter building will also contain the central building which will be one story and a mezzanine floor, and the other buildings will each be two stories in height. There will be brick and hollow tile exterior walls, cement plaster or brick exterior finish; asbestos, slate or tile roofing in the three main buildings, composition roofs on the others; pine

trim, pine and maple floors, lavatories, heating system, etc. Plans are complete and figures are being taken. Bids will be opened on October 17th. Separate bids will be received as follows: On the general work, plumbing, painting, heating and ventilating, electric wiring and program clocks.

Contracts Awarded.

HOTEL—7 story and base, reinforced concrete, \$70,000. Los Angeles, Cal. Architect, L. L. Jones, Central Bldg., L. A. Owner, Charles W. Howard. Contractors, Hunziker & Berger, Hollingsworth Bldg., L. A. Contract price, \$70,000.

PORTLAND AND OREGON.

HOTEL—4 story and base, brick and steel, \$100,000. North Bend, Ore. Architect, J. E. Tourtellotte, Rothschild Bldg., Portland. Owner's name withheld. The building will be erected on a corner lot, having frontages of 92 and 120 feet respectively. There will be five stores besides the hotel lobby, dining room and billiard room on the first floor. Upper three floors will contain in the neighborhood of 80 guest rooms, nearly all of which will have private baths. Interior will be finished in pine and hardwood. There will be steam heat, a passenger elevator and hot water system. Bath rooms will be finished in tile. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and subfigures will be taken at once. The brick and carpentry work will be done by Day Labor.

RESIDENCE—2 1/2 story and base, brick and frame, \$12,000. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owner, O. B. Stubbs. The dwelling will be erected at the corner of 23rd and Stephens streets and will be designed in the Colonial style. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Chambers will be finished in white enamel. There will be steam heat and a hot water system. Open fire places and tile or brick mantels will be used. Bath rooms will be finished in tile and equipped with showers. A garage will be erected on the rear of the lot. Exterior of the dwelling will be covered with veneer pressed brick and cement plaster. Plans are complete and figures are being taken.

PARISH SCHOOL—2 story and base, brick, \$35,000. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Roman Catholic Church. The first building of a group to be erected at 17th and Davis streets will be a combination school and parish house, covering an area of 45 by 129 feet. Interior will be finished in pine and hardwood with some hardwood floors. There will be a central heating system, probably steam heat. Modern school plumbing will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures for this work are now being taken.

Contracts Awarded.

DOCK CONSTRUCTION—\$175,000. Portland, Ore. Engineer, J. R. Holman. Portland. Owners, Oregon-Washington Railroad and Navigation Co. Contract

price, \$175,000.
crete and frame, \$12,998. Portland, Ore. Engineer, none. Owners, Portland Iron Works, 29th and Sullivan streets, Portland. Contractor, John Almer, Railroad Exchange Bldg., Portland. Contract price, \$12,998.

RESIDENCE—2 story and base, brick and tile, \$12,000. Portland. Architect's name not given. Owner, H. F. Kalvelage. Contractor, A. Horn, 690 Market street, Portland. Contract price, \$12,000.

SEATTLE AND WASHINGTON.

CANAL CONSTRUCTION—\$75,000. Oak Bay and Port Townsend, Wash. Engineers, United States Engineers, Burke Bldg., Seattle. Owner, United States Government. Plans have been completed by the United States Engineers for a canal, 4,800 feet long, connecting these two bays. Bids on this work are now being taken and will be opened on October 16th. The project calls for two jetties, each 100 feet long of creosoted piling, brick and stone. There will also be a 2-foot bulkhead. The canal will be 15 feet wide at the bottom and 15 feet deep at low water, and will call for removal of about 255,000 cubic yards of materials. Plans and specifications together with complete details, can be had by addressing the United States Engineers, Burke Bldg., Seattle.

RAILROAD TUNNEL—\$2,200,000. Seattle, Wash. Engineer's name given. Owners, Bridle Belt Railroad and Navigation Co., represented by P. Gillies, Henry Bldg., Seattle. Councilman Fitzgerald will introduce an ordinance in the city council granting a franchise for the Bridle Belt Railway and Navigation Co. to construct a tunnel under the city. The ordinance is now in the councilman's possession, and, after passage, work on the structure will not be delayed. The ordinance calls for the construction of a concrete lined tunnel from Virginia and Elliott along Elliott to Cedarthence to Clay, to Broad and also Broad to Lake Union. The tunnel will be either 17 by 22 feet or 20 by 25 feet in diameter, lined with concrete, and will cost about \$800,000 per mile, making the total cost for the three miles over \$2,400,000.

THEATRE ALTERATION—Class building, \$60,000. Spokane, Wash. Architect, B. Marcus Pretica, Emp Bldg., Seattle. Owner, Alex. Pantas. The entire front of the building will be torn out and faced with pressed brick and terra cotta. The interior will also be plastered and decorated. A large amount of ornamental plaster will be used.

Contracts Awarded.

BANK—2 story and base, reinforced concrete, \$20,000. Olympia, Wash. Architect, W. P. White, Walker Bldg., Seattle. Owners, P. M. Troy and W. Stocking. Contractors, Potts Construction Co., 815 Pike street, Seattle.

FOUNDRY GROUP—Reinforced concrete bulkhead work, excavating and creosoted piles—\$43,460. Seattle, Wash. Engineer, W. J. Roberts Tacoma. Owners, Inter-counties Road Improvement Association. Contractors, Bearance & Cleaver, Amer Bank Bldg., Seattle. Contract price, \$13,460. The work provides for

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lowing: 250,000 cubic yards of excavation work, 6,000 feet of piles, 30,000 feet of lumber, 3,500 pounds of iron and steel, 2 acres clearing and grubbing and 600 cords of driftwood moved.

CUT-OFF, EXCAVATING, ETC. — \$100,000. Seattle, Wash. Engineer, W. Roberts, Tacoma. Owners, Intermountain River Improvement Association, Contractors, Cross & Bolins, Tacoma. Contract price, \$100,000. The work will involve about 1,000,000 cubic yards of excavating for which the company bid 7.3-10 cents per yard and portion at 11 cents per yard. The company will furnish the dredge.

WHAT WOLFRAM IS.

Wolfram is not the name of a wild beast, even if the word is apparently a combination of the names of two well known members of animal society. Neither wolf nor ram, taken separately, has anything to do with it. There may be a great many people who know—and again a great many more who do not know—that wolfram is a mineral, and that tungsten is the metallic chemical element found therein, a fact which gives it an importance quite otherwise not have.

In a series of pamphlets describing the various countries of Latin America published by the Pan American Union, Washington, D. C., will be found two, those on Argentina and Bolivia, in which it is stated that these countries each export annually, among other minerals, something over 100 tons of wolfram. That brings on the query, What is wolfram?

Wolfram is really the most commonly known of the various tungsten ores, and is the tungstate of iron and manganese. It is dark brown—almost black—in color, is very dense and heavy, being frequently mistaken for iron ore, and is heavier than metallic iron itself. It is said to have been first discovered by a Swedish sailing master in 1781, hence its name (*tungsten* meaning heavy, and *sten*, stone—heavy stone). Various tungsten ores are mined and exported by several countries, the chief supply coming from Queensland, Portugal, Argentina, Bolivia, and the United States, some of the most productive deposits being found in California. What's it good for? To make the elements in our incandescent electric lights for one thing, thereby saving to consumers a total of something over \$210,000,000 a year. That of itself is enough to establish its importance. A method discovered by one of the great electric companies of the United

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States it is now possible to draw tungsten metal into a wire as fine as one-thousandth of an inch in diameter so that the wire is pliable and can be wound upon spools like sewing thread. It is used in one piece in the lamps and is said not to be so fragile as that produced by certain methods used in the German product. The tungsten wire, as drawn out for this purpose, is very strong, it being claimed that it has more strength than any steel piano wire that was ever made. The specific gravity of tungsten metal is given as 19.12, almost as much as that of gold, which is 19.3.

The discovery of this metal for making filaments has caused an enormous saving to the consumers of electric light the world over. It enables the consumer to obtain two or three times the quantity of light at about one-half the consumption of electricity formerly used by the old carbon lamp.

The principal use of tungsten, however, is to harden steel, especially the steel of which tools are made. The tool steel of the present day is said to be nearly all tungsten steel, having from 8 to 20 per cent metallic tungsten mixed with the steel in its manufacture. It is sometimes called "self-hardening steel" because it does not have to be tempered, for, with the addition of the metallic tungsten it tempers itself. When heated to a cherry red and allowed to cool, the steel attains its maximum hardness and can be used by machinists for lathe cutting tools and for drills. Machinists' tools can be run at much greater speed and it has been estimated that at least four times as much work can be done with the tungsten steel as with the ordinary kind, because the machines can be run four times as fast and that without taking the temper out of the tool when it gets very hot, as is the case with ordinary steel. The president of one of the large automobile manufacturing companies is said to have stated that if there were no such thing as tungsten steel the cost of each automobile would be \$200 more than it is now.

Tungsten and its salts are used for making silk and cotton fabrics fireproof; for winding electric furnaces, and for use in the apparatus employed for the utilization of Roentgen rays. Also occasionally in the manufacture of silk in order to add weight and to give it the desired stiff effect. It will thus be seen that from the standpoint of practical utility tungsten is of more benefit to humanity than gold.

Experiments are under way in India with cooling buildings by forcing

currents of air through hollow walls with electric fans.

During 12 years 9,000,000 working days were lost in Canada owing to strikes, or an average of 750,000 days per year.

The Italian government, which several years ago bought most of the telephone systems of the county, has extended until 1923 the time which some smaller companies may operate independently.

PRODUCTION OF LUMBER IN 1913.

From the Forest Service, U. S. Department of Agriculture.

The production of lumber in the United States in 1913 was about three-quarters of a billion board feet less than in 1912, according to the official figures just issued by the U. S. Department of Agriculture.

The figures are based upon reports of production which the department obtains yearly from the lumber manufacturers. In 1913, 21,391 mills reported a production of 38,387,009,000 board feet, as against 39,158,414,000 feet reported by 29,648 mills in 1912 and 37,003,207,000 feet reported by 28,147 mills in 1911. Although about 8,000 fewer mills reported in 1913 than in 1912 most of those not reporting were of small capacity and the inclusion of their reports would not, it is said, materially increase the total.

The high-water mark in lumber production was set in 1903, when the cut exceeded 44,000,000,000 feet. In 1907 and 1910 the cut was slightly over 10,000,000,000 feet. No other years have come up to the record of the last two years.

The production in 1913 of nearly as much lumber as in 1912 is of special significance in view of the business conditions which have existed in the industry. During the first three months of the year the lumber trade was excellent, but in the second quarter the demand or lumber fell off noticeably. Further weakening in the demand during the summer led to a substantial curtailment of production in the yellow pine and Douglas fir regions. The fall demand did not improve. In general the year was one of overproduction and slack business in the principal lumber manufacturing regions.

Notwithstanding curtailments in the production of yellow pine and Douglas fir, the reported cut of yellow pine was

about seven-tenths of one per cent half percent greater in 1913 than in 1912. The cut of Douglas fir in 1913 and of Douglas fir about seven and a was the largest ever reported, while the 1913 cut of yellow pine was second only to that of 1909. Had not enforced curtailment in the output of these two woods been necessary, the total lumber production of 1913 would undoubtedly have exceeded that of 1912. In fact, had not the cut of white pine, hemlock, spruce, oak, and maple declined in 1913, the increased cut of yellow pine, Douglas fir, spruce, and red gum of that year would have carried the total beyond that for 1912.

The increased cut of certain woods is reflected in the increased production of Washington, Oregon, and the lower Mississippi Valley states, while the decreased cut of other woods is reflected in the decreased production of the Northern, Central and Atlantic States. The reported production of 4,592,053,000 feet in Washington in 1913 was the largest ever recorded for that State or any other State. The largest production previously reported by one State was that of 4,311,240,000 feet in 1890, by Michigan.

Of the total reported production of lumber, soft-woods contributed 30,302,416,000 feet, board measure, in 1913, as against 30,526,416,000 feet in 1912, and 28,902,388,000 feet in 1911.

GRAPHITE IMPORTS CUT OFF.

Stimulation of Mining of Fibrous Variety in United States Will Result—Ample Supply Available for Pencils, Lubricants, etc.

Although the value of the graphite imported into the United States in 1913 was almost twice the domestic production, the cutting off of the foreign supply should seriously affect only the crucible industry. There is an ample supply of graphite in this country suited for stove-polish, foundry facings, and paint pigments, and large deposits of amorphous graphite in northern Mexico, now comparatively peaceful, are controlled by American firms and can be depended upon for supplies of graphite for pencils, lubricating material, and many other uses. Moreover, graphite is now being manufactured in the electric furnaces at Niagara Falls in amounts far in excess of the domestic production from natural sources, and this graphite is well adapted for most of the uses to which graphite is applied.

The graphite for which we depend mainly on foreign sources is that used in the manufacture of crucibles and other refractory products, but as these uses probably consume over half of the graphite used in this country, such dependence is a matter of no small importance. Moreover, the manufacture of crucible steel requires graphite crucibles. The graphite used in crucible making has been brought largely from the British island of Ceylon, although within the last few years some has been brought from the French island of Madagascar. This graphite is flaky or fibrous and for this reason is eminently adapted to crucible making. For this use it has never met with serious competition from domestic graphite. The earthy

amorphous graphite mined in this country and the graphite manufactured at Niagara Falls are not adapted to this use, and as a rule the expense of concentrating domestic flake graphite has been prohibitive. Nevertheless it is to the domestic supplies of flake graphite that this country must look in the event of foreign supplies being cut off. Practically inexhaustible supplies of this material are known to occur in New York, New Jersey, Pennsylvania, North Carolina, Alabama, Texas, and some other States and are fully described in the reports of the United States Geological Survey. Similar deposits are abundant in Canada. The graphite in these deposits occurs as small flakes in rocks composed mainly of quartz, feldspar, and mica, the graphite constituting 5 to 10 per cent by weight.

Several plants are now engaged in working such deposits, and many others now idle could be put on a producing basis in a short time and at little expense. Although the product might not be equal to the Ceylon graphite in all respects for crucible making, there is no question that it would be adequate, for similar graphite has for years been successfully used in Germany.

Another American resource is the graphite deposit near Dillon, Mont. The graphite there is very similar to that from Ceylon and should be adaptable for crucible making. Although the deposit does not compare in size with the Ceylon deposits, it might render material aid in case of a shortage.

CHANCE FOR CEMENT MAKERS.

American manufacturers have not yet made the most of their opportunities to establish greater export trade, according to Geo. Otis Smith in Bulletin 599 of the United States Geological Survey. Statistics show that the export of cement from England, Germany, Belgium, and France not only have been considerably greater than those from the United States, but have borne a much higher ratio to the production in these countries. The quantity of cement exported by France in recent years is estimated to have reached at least 23 per cent of her production, and that of Germany about 17 per cent. There are few cement plants in South American countries, and in the past these countries have been supplied mainly from Europe. There is evidently an opportunity now for the cement industry of the United States to secure this trade.

OPPORTUNITY FOR METAL MANUFACTURERS.

Of the metals and metallic ores the United States has been both an importer and an exporter. Our imports of iron ore are double our exports, whereas of metallic copper we export nearly twice as much as we import. The general rule, however, probably is that the imports of manufactured or partly manufactured metals largely exceed in value the ores and crude metals brought into this country for domestic manufacture, and in our exports a somewhat similar ratio exists between crude material and manufac-

tures, so that there is presented double opportunity for increasing the scope and extent of our metal industries for both domestic consumption and export. Far too much American metal crosses the Atlantic in the crude or semicrude state only to come back to us in various manufactured forms. Bulletin 599, U. S. Geological Survey. Petroleum has been discovered in Somaliland and the British government is investigating its extent.

RAILWAY SUPPLIES FOR CHILE

Oil-Burning Experiments on Government Railways.

The Chilean Government has had under contemplation for some time the installation of oil-burning equipment on all the Government railways of this country before doing so, however, it has decided to turn over one entire division of the Longitudinal Railway, which consists of about 125 miles, for exhaustive experiments. It has, I am informed, asked for bids on this experimental work, the proposition having been worked out by individuals from the United States.

As there is every reason to believe that the result of these experiments will result in the installation of oil burning equipment on the entire system of Government railways, it might be well for American manufacturers of this class of railway material to get in touch with the officials having charge of this work, as it will undoubtedly be quite an extensive field for the sale of this class of material. **Appropriation for Government Railway Machine Shops.**

The Chilean Government has authorized an expenditure of the equivalent of \$60,000 American gold for machinery and supplies to be installed in the Government railway shops. Interested parties would do well to communicate with Direccion General de los Ferrocarriles, Santiago, Chile.

A new hardening material for the surface of concrete floors contains 30 per cent of iron dust or iron flour.

AMERICAN BUILDING SUPPLIES FOR CHINA.

[Consul General Thomas Sammons Shanghai.]

It has been demonstrated to the satisfaction of a large number of Chinese contractors and builders in this district and in other parts of China that the lumber products of the north Pacific coast mills of the United States can be utilized to a far greater advantage for building purposes than the Chinese lumber products as heretofore generally used. It has been customary as lumber dealers are aware, to bring logs to China mostly from Far Eastern lumber districts, and then have them sawed according to dimensions by Chinese cheap labor, all the work being done by hand.

Americans and others interested in the sale of the output of the lumber mills of the Pacific northwest in the United States have conducted a campaign of education and have largely overcome the prejudice of the Chinese carpenters and contractors against the use of anything other than Chinese lumber products. As a result the pro-

acts of selling increasing quantities of American lumber and other building materials in this consular district throughout China generally are very bright. Owing to competition, however, it is suggested that the matter of filling orders in accordance with the requirements should receive careful attention. In some instances I find that American mills have given much dissatisfaction by failure to fill orders in accordance with the dimensions given, or in assuming an attitude of indifference to this matter.

It has also been demonstrated to the Chinese contractors and builders that the fir doors manufactured by the American mills on the north Pacific coast can be supplied here at approximately half the cost of the Chinese handmade doors heretofore universally used.

Filling Boom in Shanghai—Concerns Interested in American Building Supplies.

At present Shanghai is experiencing a building boom, and there is a constantly increasing demand for building materials. Throughout China generally and import and export companies with headquarters at Shanghai are dealing direct with the small Chinese contractors and is meeting with satisfactory results. This company has a branch office at Portland, Ore., although formerly it made purchases from Puget Sound mills as well. Four other concerns are also interested in increasing the sale of American lumber and building materials here.

An American citizen, who is manager of a realty company in Shanghai, is pushing heartily in the movement to increase the sale of American building materials here. His company is conducting a large number of houses in Shanghai. The following letter from its manager of the realty company to its consulate will be of interest:

We thank you for your letter inclosing folders advertising American firms. We have also to thank you for previous letters and catalogues, which we received by last mail from American manufacturers of building materials.

We are using as many American goods as possible in the construction of our houses, and are trying to fit in the most up-to-date manner possible. A local firm is importing special electrical devices and fittings of this, something different from the usual Shanghai fittings.

We have imported through another company samples of American doors and have also ordered British Columbian doors. We have now in stock over 50 American doors, which we are actually using in our houses and which will be one of their attractive features. We have in stock some of the best front doors ever imported into China.

Our hardware is at present being imported from two of the best American manufacturers. We are gradually meeting up with other concerns at Shanghai with a view to getting the best American products.

We have therefore to thank you for your interest in the matter."

The names of the various firms referred to in the foregoing report may be had from the Bureau of Foreign and Domestic Commerce, Washington, and branch offices.]

[Vice Consul General J. Paul Jameson, Hankow.]

Structural Steel and Iron Needed in Central China.

Owing to increased building construction in Hankow, Wuchang, and Hanyang, a strong demand is developing for local stocks of all kinds of building materials, especially iron and steel girders, sections, angles, tees, etc.

I am informed by one of the architects in Hankow that considerable difficulty is being experienced in Hankow in securing these materials without long delays. The Germans have a small stock of such materials at Shanghai and another stock at Tsingtau, but these are inadequate to meet the demands, and even German architects are compelled to accept and use incorrect sizes of iron and steel girders. Moreover, the use of metric system by the Germans is most inconvenient for British architects, who outnumber those of other nationalities in this section of the country. I am informed that the steel goods manufactured by the German Bessemer process are not meeting with as much success as those manufactured by the British and American open-hearth process.

British firms have a small stock of girders, angles, etc., in Hongkong, but the Hankow architects find much difficulty in obtaining the proper sizes.

American Firm is Needed.

There is an opportunity at Hankow for the establishment of an American firm carrying a full-size stock of building materials of all kinds, including hinges, locks, etc. There are firms here representing European and American concerns, manufacturing building materials, but the establishment of agencies has not proved satisfactory, owing to the fact that no adequate stocks are being carried by these representatives, and long delays result from the necessity of obtaining the desired materials directly from European and American markets.

The rapid development at Hankow, which has already begun and which will undoubtedly continue on account of the construction of railways centering at this port, would warrant the establishment in this city of a firm carrying adequate stocks of all necessary building materials. Such a firm should be under the local management of a technical expert who would be capable of meeting the requirements of the constructing engineers of German, British, French, and other nationalities. From Hankow as a center a firm of this kind well-stocked with materials, should be able to handle a large proportion of the building construction work throughout central China.

While at first the profits might be nil, firms which can establish themselves in Hankow particularly at this time of transition should be able to grow with the city.

Small Local Production.

The Hanyang Iron and Steel Works at Hankow has contracted years in advance for its entire output, which consists of pig iron and steel rails. This company will not be in a position to turn out girders, tees, etc., for many years to come, especially in view of the increasing railway construction in China. At present the Hanyang Iron and Steel Works cannot begin to supply the demand for rails. There would, therefore, be no fear of a competitor

under-selling American goods by placing locally manufactured building construction materials on the market.

It might be interesting to American firms to communicate with a certain architect now in Hankow, who is very favorable toward American building materials and could supply technical information as to the needs of this territory in matters of construction. [The name of the architect may be had from the Bureau of Foreign and Domestic Commerce and its branches.]

UP AND DOWN THE COAST.

BYRON, Contra Costa Co., Cal.—Actual construction of an irrigation system to provide water for 14,000 acres in the Byron-Bethany District, will begin in less than thirty days. Bids for the excavating and grading of three miles of the main canal of the project have already been taken. The Byron-Bethany Irrigation Co., Volney Taylor, President, has full charge of the construction.

WATSONVILLE, Santa Cruz Co., Cal.—Work has begun on the foundation of the new Appleton Theatre. The building is being constructed by the Appleton Investment Company of Watsonville. The building will have a seating capacity of 800 and will cost in the neighborhood of \$50,000. Plans were prepared by Architect W. H. Weeks of San Francisco.

RED BLUFF, Tehama Co., Cal.—County Surveyor Lunning will soon submit plans and specifications for four new bridges to be constructed over creeks along the route of the proposed highway from Glenn County line to Corning. The plans call for steel and concrete bridges to cost in the neighborhood of \$15,000 each.

ELAIRSDEN, Plumas Co., Cal.—The Interstate Company has finished the grading for its new \$140,000 log cabin tavern. Building operations will commence as soon as contracts are let.

SACRAMENTO, Sacramento Co., Cal.—Specifications for the improvement of Thirty-first street from the north line of S street to the north line of T street and for Donner avenue to the north boundary of California Boulevard have been presented to the City council by the City Engineer.

FRESNO, Fresno Co., Cal.—F. W. Webster, Manager of the Fresno Traction Company, has stated that his company is ready to begin the work of double tracking Fresno avenue as soon as all franchise matters are cleared and up to the city requirements. The work will take sometime, as the old single tracks will have to be removed and the double tracks laid. The work will cost about \$50,000.

GRASS VALLEY, Nevada Co., Cal.—Excavation for the big adjunct to the city's sewer system in the southern section of the town has been started under the supervision of City Engineer F. M. Miller. All materials are now on the ground and the work will be completed in sixty days. This city is also planning great improvements to its water distributing system.

TOWNVILLE, Sierra Co., Cal.—The company operating the Wide Awake gravel mine has started the building of a line of pipe to the Never Sweat claim from a nearby spring.

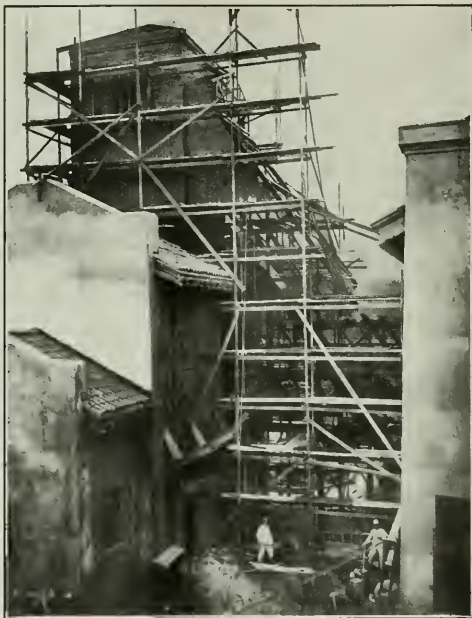
"THE WRITING ON THE WALL"

It would be rare indeed that any one construction job would show more clearly than the illustration given below, the marked change or trend of structural designing, from the accepted methods of a few years ago. The illustration shows the Municipal Incinerator for the City of San Francisco, located in the Potrero. The two buildings at either side of the picture were designed and constructed of heavy, reinforced concrete some two years ago, using of course, the usual wooden forms, heavy foundations, etc., which would be inherent with such construction; also the construction work was necessarily slow and complicated.

At the present time it was necessary to erect a connecting building between the two old buildings, to house conveying machinery, etc., this con-

central portion when finished, cannot be distinguished from the exterior, from the old-style concrete building on either side.

The recognition of "Self-Sentering" construction in Municipal work of this character, is certainly a signal triumph. M. M. O'Shaughnessy, being the City Engineer for San Francisco, Tom Ransom, Assistant City Engineer, having charge of the Incinerator design and construction. This work was done by the H. A. Chalmers, Inc., who have made a specialty of this type of construction. Among other work, they have just completed a two-story covered passageway, connecting two wings of the St. Francis Hotel, where the roof and curatin-walls were of this type of construction, which can be appreciated when it is mentioned that the largest wall panel is some 12½ feet wide by 15 feet high, totally unsupported except in some 2 inches



sisting of a tower over the old building at the left, together with a connecting building, and this was constructed of a light steel frame, covered with 2 inch "Self-Sentering" curtain walls and roof. On account of the light weight of this construction, very simple foundations were required and the type of construction permitted extremely quick erection; the entire building only taking a month to construct.

Concrete without forms, made possible by "Self-Sentering," is now the accepted type of roof and where possible, of curtain-wall construction, and the ease with which it adapts itself to roofs of extreme pitch, or as on the tower, where by laying wooden screeds, terra cotta tile can be laid over it, and all clearly demonstrated in the picture. Also, at the present time, it is certainly a fact that the

of mortar reinforced with the "Self-sentering," for which Bliss & Faville were the architects.

VISIT OF UNITED STATES MINE RESCUE CAR.

The United States Bureau of Mines Rescue Car (No. 3) will visit California mining districts from September 9th to October 31st, the attendants giving training in mine rescue work and first-aid work. The itinerary, which will probably be adhered to fairly closely, follows:

September 9-19	Colfax.
" 20-27	Jackson.
" 28-Oct. 5	Angel's Camp.
October 6-13	McJones.
" 13-20	Jamestown.
" 22-31	Kennett.

This car No. 3 is equipped with ten 1910 type Daimlers, one Pluecks "Pro-

to," and one Westphalia artificial breathing apparatus for use in poisonous or irrespirable atmospheres, with pump and supplies for recharging the apparatus, also with two Pulmotors for reviving those overcome by gas or smoke. In addition there are supplies of first-aid materials, stretchers, first hose, hand fire extinguishers, rope, crow bars, and other materials and supplies which may be needed at mine disasters. The car was originally a sleeping car, and a number of the upper berths have been left in so that it can be turned into an emergency hospital, if necessary.

The United States Bureau of Mines now has eight of these cars equipped for mine-rescue and first-aid service. While not actually busy at mine fires or disasters, they are kept going from mine to mine in their respective districts, stops of sufficient length being made so that squads of men can be organized and trained by the car crews in the use of mine-rescue apparatus and in first-aid to the injured methods. Each car crew consists of a foreman, a first-aid miner, and a cook, who live on board. It is under the direction of a district mining engineer of the bureau. The foremen and first-aid miners and, in some instances, the cooks, are practical miners, so that in cases of mine disaster every man on, or connected with, the car is available for service.

A. A. Krogdahl of the United States Bureau of Mines conducted a very successful first-aid field meet at Jackson Amador County, on Labor Day. A large number of teams from the Mother Lode District competed for prizes offered by the American Mine Safety Association and the operators and miners of the district.

This first visit of the Mine Rescue Car to California is an important event in the co-operative safety work of the United States Bureau of Mines and the Industrial Accident Commission of the State of California. Very generous support has been received from the Boards of California. The car will be carried all over the State without cost to either the Federal or State Governments. Mr. W. R. Scott, General Manager of the Southern Pacific Company, personally interested himself in making this splendid contribution to the "Safety First" movement.

H. M. Wolfelin is the mining engineer delegated by the Bureau of Mines to the California field. He is directing the work successfully.

A MONSTER AQUEDUCT.

The aqueduct conducting the water of the Owens River at Los Angeles said to be the largest in the world, is designed to deliver a minimum of 258,000,000 gallons of water daily in the San Fernando reservoir, 25 miles northwest of the city. No pump-plant is required, as the source of supply is several hundred feet above the city. The water will furnish a great amount of power—70,000 horsepower is anticipated—for electric lighting and other purposes. The total cost of the waterworks will be \$25,000,000, and the installation of the power plant will be approximately \$5,000,000 more.

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul General R. E. Mansfield, Vancouver.]

Plans for University of British Columbia.

It is learned from Dr. Westbrook, the president, that plans for the University of British Columbia have been completed and the contract let for the science building, the first of the series of structures to be erected on the site.

In the plans, which were prepared under the direction and with the advice of the president and board of governors of the University, special attention has been given to the details and requirements of the various departments, and when the several units have been completed the University of British Columbia will be one of the best equipped institutions of the kind in the Dominion.

The site consists of 250 acres at Point Gray, 4 miles from Vancouver, at the entrance to Burrard Inlet, trading some of the roads and mainampus is nearly completed. The University architects are Sharp & Thompson, of Vancouver, British Columbia, who obtained the award in the competition held in 1912. In November, 1913, Dr. C. A. James, commissioner of Dominion agricultural instruction, met with the commission appointed to examine and report upon the general design for the University. A general plan was prepared by the commission and approved by the board of governors.

In accordance with the commission's recommendation detailed plans and specifications are being prepared for the various buildings, and advertisements inviting tenders for the science building have already appeared. This building is planned for the temporary accommodation of physics, chemistry, biology, and certain other sciences, but is intended for the ultimate sole use of chemistry. With its equipment, is expected to cost about \$600,000.

Building plans are being completed for an administration building to house library, administration, and certain of the humanities, two dormitory buildings, buildings for mines, engineering and other applied sciences, and a heat and power plant. The approximate cost of these and the science building will be \$2,000,000.

In order that the nucleus of a library may be available when the University begins operations in the autumn of 1915, out-of-print publications and journals are being purchased and Government and other official documents are being obtained at a cost of some \$50,000. The University budget provides for an initial annual expenditure of \$24,000 for purchasing books and maintenance.

[A birds-eye view of the proposed buildings for the University will be found on application to the Bureau of Foreign and Domestic Commerce, Washington.]

CHILE.

Consul Percival Gassett, Iquique.]

The Tarapaca Waterworks.

The Chilean Government last year appropriated \$1,335,952 for constructing waterworks to supply the city of Iquique with portable water, and the Department of Public Works has made

surveys for conveying the waters of the Quebrada de Chintaguay at Pica, 66 miles from Iquique.

This action has surprised the stockholders of the Tarapaca Waterworks Co., an English concern, which has had a monopoly of supplying the city of Iquique with water for over 25 years, during which time it has been well managed, having paid 7½ and 8 per cent dividends, besides paying off \$20 on each of the original \$50 shares.

The original concession from the Chilean Government was made in 1883 to Mr. Hart, an Englishman, at whose death it was purchased from his widow and a company formed in London in 1888 with £450,000 (\$2,189,925) capital.

Antofagasta Port Works.

The Finance Committee of the Chilean Senate has completed the report upon the new harbor works scheme for the port of Antofagasta, the measure now only requiring to be passed by the Upper House, says the South Pacific Mail. In the Senate it has been agreed to discuss the scheme at an early date. The plan which has been put forward makes the following recommendations:

That improved harbor works for the port of Antofagasta are of the first importance and should take precedence among improvements of this class undertaken by the Government. That the new port works should have preference to similar works proposed for the port of Mejillones.

That an essential complement to the progress of the port is the construction of a railway line connecting Antofagasta with the Longitudinal Railway. The Port Works Commission have taken as a base for their calculation the following statistics: (1) The export and import trade which should result from the improved facilities for

landing and discharging cargo, 1,600,000 tons. (2) Tonnage of ships entering and leaving the harbor, 7,600,000, net register. (3) Number of trading vessels which enter and leave the port, 3,000. (4) Accommodation for 18 vessels to embark or disembark cargo.

The Government plan is based on calculations which for the most part correspond to the above statistics. The cost, it is estimated, will be about \$7,600,397, inclusive of \$847,064, the cost of accessory work.

The ground reclaimed from the sea, after that needed for the new works has been selected, will leave an excess of over 100,000 square meters, the sale of which at say \$18.25 per meter, should yield \$1,825,000.

Allowing six years for completion of the works, their cost, it is calculated, will be \$8,996,175. Toward this total there will be available \$1,825,000 resulting from the sale of the reclaimed ground, and the proceeds of the loan of £1,500,000 (\$7,299,750) issued at 96.7 per cent.

A record was established by the Western Maryland railway when it hauled 114 loaded coal cars from Cumberland to Hagerstown, Md., with a single locomotive. The trainload was in excess of 15,750,000 pounds.

In a recent popular voting contest in Germany wireless telegraphy was declared to be the greatest wonder of the twentieth century, with the Panama canal second and the dirigible balloon third.

Liverpool is thinking about spending more than \$26,000,000 on a system of underground railways.

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting direct sales and returns.

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A letter is the most personal and valuable instrument that you may utilize to dispose of your offerings, acquire information or settle difficulties, outside of sending a personal representative, or calling yourself.

With letters, you may call upon thousands of people, in a single day, gain admittance to the busy office and receive the attention of either the proprietor himself, or one of his trusted lieutenants. Many times your representative would be unable to even get into the office and would not be given a hearing at all.

A letter also, by having come through the mail, certifies that it is direct from you and valid, and its statements and offers contained are accepted without question, and the party is relieved of worry as to what you have offered, by reason of his having the written evidence of same, which would be accepted in court, if necessary.

The statements of your representatives or salesmen are not always accepted for their full intended value, and unless left in writing, do not inspire that feeling of security that the letters will.

The letter has also the advantage that should it arrive at an inopportune time, it will be laid on the desk, to be taken care of in the regular order of business. Salesmen could never wait the convenience of all their customers in this manner.

In using letters, if you desire a reply or an order signed, an insert should be enclosed and so worded as to make it necessary for the party receiving it to do but little else than designate his selection of goods and sign his name.

POST CARDS:

Post cards for some propositions are as good, if not actually better, than sealed letters; but you must know whether this applies to your particular proposition and if the attitude of the receiver would be as favorable as when being approached through a sealed letter.

FOLDERS, CIRCULARS:

Folders and circulars are less personal than letters, but may utilize cuts and tabulated matter, including price lists, general data, and instructions as to your proposition, that could not be conveniently put in letter form. It is very proper and desirable that when sending such it be accompanied by a personal letter clearly and concisely calling attention to the main features of your offer.

DIRECT RESULT GETTING:

In using all the above you should select those parties with whom you

wish to do business and submit a definite, concrete offer to them, and provide a means of closing that offer and realizing your profit. This allows you to pick out a large number of men, submit your proposition to them, and continue to follow up submitting it to them, until you have effected a sale or found that a sale cannot reasonably be made. Properly used such advertising can make more money for you than possibly any other single business facility that there is. By such advertising you can talk your proposition to thousands in a single day. You can learn who is interested and who will not take your line.

You can eliminate the time of seeing those who won't buy.

You can eliminate the cost of seeing those who won't buy.

Your time is your capital and what is saved is added capital for additional endeavors.

How To Get Your Advertising Read.

PLACING:

That is selecting the proper newspapers, magazines, or programs in which to insert your advertisement, or selecting the proper location of Bill Boards for your advertisement. Also selecting the proper parties to whom to mail your offer or to whom to distribute your printed matter. This is the first principle of getting your advertisement read, but what is more important that of getting it read by the people with whom there is a possibility of your doing business. To advertise Ladies' goods in a man's publication, hardly ever seen by women, would bring small, if any, results.

ATTENTION TO ADVERTISEMENT:

This is obtained if it is a newspaper, magazine or program advertisement, by catch line in the advertisement, by the border around the advertisement or by the Cut in the advertisement.

COMMON PHRASES:

Unless very strong and calculated to compel the mind to want to read what follows them in advertising, should not be used.

BORDERS:

Many times it is only the ad with a clear border and strong display which will be read on that particular page, as the reading of one advertisement on a page will often sufficiently tire a person as to make them desire a change and cause them to turn to the next page of the paper or magazine.

CUTS:

Cuts if very strong will attract the attention, but they should be in harmony with the border and the rest of the display matter of your advertisement and should be in harmony with the argument and appeal of the rest of your advertisement.

ASSOCIATION OF IDEAS:

This means to keep the thought of your reader confined upon the one subject or details pertaining to it. It would be foolish to dwell upon the comforts of the parlor-side in trying to sell an automobile. Rather will you explain the pleasure of moving along beautiful roads, visiting new localities and receiving the exhilaration of out-of-door riding.

SUGGESTION IN ADVERTISING:

Suggestion is sometimes stronger than a clear explanation if it is so that it cannot be misunderstood. A suggestiveness which allows of any different interpretation no matter how slight from what is intended should not be used.

The above points will illustrate the methods of attracting attention to your advertisement and getting it read, after which the reasoning and selling power of your advertisement must do the work of effecting a sale, or bringing an inquiry for further particulars, as you may have planned.

A trade paper or journal talks directly to persons interested in the trade lines, and you are assured of careful attention, if your advertisement is properly worked up.

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- Advice On Business Problems-Adjustments-Collections

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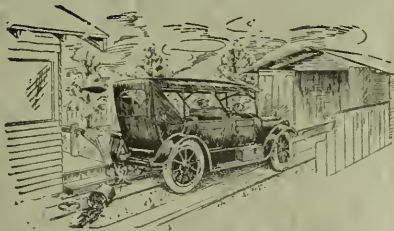
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Issued Weekly, \$3.00 per year

San Francisco, September 30, 1914

Fourteenth Year, No 39



Devoted to the Architectural, Engineering, Building and Industrial Activities of the Pacific Coast.

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Editorial Comment.

Pictures from the war zone show that Belgium is paying the price of war destruction. It is estimated that the damages already incurred amount to over 200 million dollars and that is no doubt being augmented every day. Further than that Germany has exacted a big war indemnity and has annexed the captured territory, according to reports. And this for the reason that she refused to have her country made a cockpit and a fighting ground for a useless war. If this is modern warfare it would be better to return to the time of Attila.

The railroad to Eureka in Humboldt county will be completed next month and a great country will be opened up to ordinary travel. The countries of Northwestern California have been and are the great lumber districts of the State. It is the home of the great redwood forests of the world. And heretofore the only line of communication has been by sea through Humboldt Bay and during the winter season access to this port is difficult.

The coast countries of Northwest-ern California have unrivaled scenic beauty. Rugged mountains and narrow valleys are covered with the greatest forests in the world. Where the timber has been cleared or where there is open ground almost any kind of agricultural crops can be raised. The completion of the railroad will open up this country to the tourist and the sightseer at all seasons of the year. It will furnish an additional means of handling freight and bring the bay cities closer to the farmer of Humboldt county. It is a distinct improvement and a much needed one that has been delayed for a long time on account of the enormous expense of railroad construction in such a rugged country.

The passage of the American Hawaiian Steamship Company's steamer through the canal the other day, making the trip from New York to San Francisco in a period of sixteen days, seems to indicate that such means of freight carrying can be used even for the hardy fruits of California. That is not much over the limit for freight trains from San Francisco to New York and in refrigerator ships many kinds of fruits could be so shipped.

Secretary Lane points out the fact that the present war offers many opportunities for the development of American industries. Many articles that have been manufactured in Europe can be manufactured here if

once started. Particularly is this true of dye stuffs and many things that heretofore have come almost exclusively from Germany.

Another field of industry that can be developed is that of the potash fields and the fertilizer industry. Heretofore most of our mineral fertilizer has come from Germany. There are vast deposits in this country and the kelp beds of the ocean offer great opportunities for developing the industry along the seaboard. Now is the time to start the business to fill the want that the barbarian kings of Europe have created.

According to reports Villa is starting something in Mexico again. Naturally the savages in Mexico are not happy if they are not fighting and so long as they hold sway they will continue to whoop it up till they kill each other off. The chief difficulty with us is that Mexico is a near neighbor and the machinations of capitalists and filibusters and the agents of foreign countries makes it imperative that we have some interest in the matter. Until the average Mexican receives some degree of education or until the present breed is exterminated there seems little hope of establishing a permanent government outside of armed force. They are half savages down there and it seems impossible for them to unite on any common ground—or in other words it seems impossible for bandits to agree.

Political issues are strange things as the Chronicle sees them. It has the economy streak on now both as to State and Nation. And it is the economy that insists that a direct tax is an expense while the indirect tax is a benefit. In other words the expense of the Railroad Commission is an expense that the people have to pay and the high freight and express rates that the people generally had to pay before were a benefit and a means of employment.

For the past year and for three years the burden of the Chronicle and all the other reactionary papers has been that of freak legislation and wild-eyed laws that would ruin the prosperity of the state. Now since Captain Fredericks is the candidate of the united reactionaries the attitude is entirely the other way. All this beneficent legislation has been passed by the all-wise Republican party and the appeal is made that only under the beneficent guidance of the old guard can the state be expected to exist and hold up its head before the world. Surely the old guard must have taken a tip from Hearst for otherwise it could not expect to make such a complete somersault and get away with it. Only a Silurian would swallow such a pill as that.

FACTS ABOUT STUCCO.

External Treatment, Changes in Temperature, Important Features Discussed.

The ease with which stucco lends itself to artistic treatment has tended toward a precocious development that has been harmful. The trouble is that a stucco job which first appears to be an artistic gem, gradually develops flaws which may finally overshadow the original beauty.

What is the cause of the "checking" and "hair-cracking"? Is it superficial, or is it hidden in the physico-chemical composition of cement? Much valuable study has been devoted to the external treatment of stucco, but few have stopped to question its internal composition. Let us therefore study some inside facts of stucco mortar.

The subject is an interesting one and the conclusions startling. Who would have thought for instance, that cement acts like wood; swelling up on wetting and contracting on drying? But this is proven by careful measurements.

A. T. Goldbeck, of the United States Department of Agriculture, showed this in experiments described in the Engineering Record of July 5th, 1911 (page 45). His researches were confirmed by Prof. A. H. White, working independently in the University of Michigan, and published in the Engineering Record for July 15th, 1911 (page 73). Both of these gentlemen proved scientifically and conclusively that mortar and concrete expand on wetting and contract on drying, the action keeping up for years.

In some cases the amount of expansion (due to wetting) was as great as that due to 100 degrees increase of temperature. This is a startling fact, when it is remembered that concrete expands with heat just as much as iron does. The strains due to wetting and drying are, therefore, very severe, and come quickly and repeatedly. It is not difficult to see why this should be such a serious source of cracking.

It is fortunate that only the cement is affected, the sand remaining practically uninfluenced by moisture. Therefore lean mortars are much less affected than rich ones; a 1:3 stucco when moistened expands much less than a 1:2. But as Prof. White says, "If a stucco is lean enough to avoid cracks water will go through freely, and if it is rich enough to keep out water it will crack."

In Italy, where stuccos have been used for centuries, masonry walls were thick and waterproof in themselves. Cement was made from pulverized natural rock, and lean stucco mixtures were a matter of economy. The passage of ages has developed comparatively little checking in the Italian stuccos. But today, in America, Portland cement is cheap, walls are thin, and climate severe, so that rich mixtures have been used in the attempt to get cheap waterproofing. The result is excessive hair-cracking.

It is, of course, true that a 1:2 stucco is more water-proof than a 1:3, but it is very much more liable to crack. On

the other hand, a 1:3 stucco properly applied is safe from cracking, though very porous. This, then, is the dilemma which confronts the constructor: how to make stucco lean enough to avoid cracks, yet non-porous enough to keep out water. The problem has been solved by the use of a 1:3 mortar in conjunction with an effective waterproofing compound.

The leanness of the mortar prevents cracks, and the compound makes the mortar waterproof. This gives absolute reliable results both as to permanency of surface and permanency of waterproofing, and is in every way more satisfactory than asbestos or patented stuccos which do not positively prevent checking and never entirely waterproof.

Practical experience has corroborated the laboratory in showing the need for lean mixtures, but as is frequently the case, we did not see the everyday facts in clear light until science opened our eyes. For instance, it has long been known that excessive troweling of a floor, etc., should be avoided. Now we understand that the troweling worked the particles of cement to the surface, making a rich mixture which cracked for the reasons above mentioned.

Some years ago an architect was building a stucco home for himself. The contractor ran short of cement and asked permission to use a leaner mixture. This was permitted for the back of the house where it wouldn't be noticed, but the rich mortar was insisted upon for the rest. To the surprise of everyone the back wall is still flawless, while the front of the house is full of hair-cracks.

It must be emphasized that with a lean mortar, the permanency of the waterproofing compound is a very important point, as the stucco is exposed to heating storms. That class of compound using stearates, oleates, resins, or other soapy material as a base, gradually washes out under prolonged action of water which slowly but surely dissolves even stearate of lime. A permanently waterproof stucco is dependent on using a compound that is absolutely insoluble and unaffected by the elements. Bituminous waterproofing products belong to this class and compounds have been developed which are miscible with water yet become absolutely insoluble after the mortar has set. This result is obtained by emulsifying the bitumen, which then mixes with water as easily as milk does (milk is an emulsion). But when the mortar sets, it de-emulsifies the bitumen, which then becomes as insoluble as a milk spot. (Butter is de-emulsified milk and is not miscible with water.)

Bituminous materials so prepared give a very high degree of permanent waterproofing. They are absolutely unaffected by salt-air, brine, running water, boiling water and ordinary chemicals. Weight for weight they give four times the efficiency of soap

compounds, yet they actually strengthen the mortar instead of weakening it and because of the lack of all harmful action the amount of compound is not limited to 2 per cent. If desired 10 per cent or more may be incorporated in the mixture and the waterproofing effect correspondingly increased. In this way a factor of safety may be secured which is as important in waterproofing as in other branches of engineering. It then becomes possible to waterproof under guarantee, a cellar 50 feet below tide level, by means of a 3/4-inch interior mortar facing. Evidently this is the kind of material which will give satisfaction also in external stuccos, where no pressure is encountered, but where, on account of the lean mixture, a safety factor is desirable to cover variations in mixing and plastering.

Bituminous materials also lubricate the mortar, enabling a very lean mixture to be troweled easily and compactly. They also retard the too rapid drying out of the stucco.

We might mention here that if new, green stucco is subjected to the rapid evaporation of hot summer days, great care must be taken to prevent premature drying out. It must be remembered that the setting of Portland cement is a chemical reaction that requires time and moisture. Mortar will have no strength unless this set is obtained. As mortar dries, it shrinks. This shrinking puts a strain on the mortar which causes cracks if it comes before the cement has sufficient strength to withstand it. If, however, the stucco is kept moist for several days, by means of tarpaulins or fine spray, the cement will harden normally and become strong enough to withstand the strain caused by drying. Soap compounds should be avoided as they delay the setting, thus causing the mortar to remain weak for a longer time. If stucco is made from a lean mortar, properly waterproofed, properly foundationed, and kept from premature drying, it may be allowed to harden without fear of immediate or subsequent cracking.

On large surfaces the thermal expansion should be considered, especially if the stucco is applied to a base having a different rate of expansion. It may be advisable to divide the surface into panels, having projections which add to the pleasing effect and facilitate the uniform application of the stucco.

The above outline calls attention to a few internal characteristics which are vital. Believe the stucco of the disrupting strains caused by their disregard and a worthy material is secured for the best ideals of architecture.—R. L. Shainwald in National Builder.

For the convenience of carpenters there has been invented a machine which, held in the hand, feeds nails into the position in which they are to be driven with a hammer held in the other.

THE CONSTRUCTION OF A BATTLESHIP.

From the Wood-Worker.

Every year a naval appropriation bill is introduced in Congress, and we read of the discussion as to whether we will have one, two or four battleships of the "super-dreadnaught class."

I often wonder how many men, employed outside the ship yard in the wood-working industries, actually know the amount of lumber used and the class of work done in the preliminary and permanent work on such vessels. No doubt some will be surprised to learn that over 1,200,000 feet of yellow pine, spruce, oak and teak have been used in the construction of one of these monsters. Vessels of the Pennsylvania class will probably take more than this amount. Should we see one of these ships at anchor in the stream we would see no wood at all. Going on board, we would notice the wooden deck, but that would only account for about 10 per cent, or 120,000 feet. Where is the rest of it?

To answer that question we will have to start from the bottom, or rather before she has any bottom. A vessel of the class of the Pennsylvania, or battleship 39, which is now building at the navy yard, Brooklyn, while building, will cover an area of about 60,600 feet, viz., 96x625 feet, and will weigh, when about to be launched, about 12,000 tons, which is about 40 per cent of her total weight. Therefore, it is necessary that a foundation must be constructed sufficient to withstand this weight without any settlement. To accomplish this, piles are driven in rows across this space to be occupied and each row is four feet between centers. There are about 156 rows, with thirty-two piles to a row, in all nearly 5,000 piles. Each row is then capped with 14x14-inch yellow pine logs. In this item alone there are nearly 200,000 feet of lumber.

But the vessel must be constructed in such a manner that she will slide into the water and to do this must be built on an incline. That is, that the line of the keel will be much higher at the forward end than it is at the after end, so a declivity of about 1/2-inch to the foot is given her, which will bring her about 26 feet higher at the bow than at the stern. To accomplish this a heavy structure, called cribbing, is built up at the forward end to the height required, about 26 feet, inclined downward to the water's edge. The cribbing is built of 12x12-inch or 14x14-inch yellow pine logs, crossed and recrossed and bolted together in a substantial manner.

Upon the cribbing are erected the keel blocks, which are built up in sets of five blocks, pyramid fashion, the lower one being 8 feet long and the upper one 3 feet long. The upper blocks are perfectly aligned to the declivity of the vessel and a perfectly straight line, known as the center line, is struck and scored in on them, and from this line all measurements are taken. There are at least 150 sets of keel blocks, placed 4 feet between centers, and all blocks are dressed on two sides. The keel blocks being in perfect alignment, we are now ready to lay the keel. But as we are not ship-fitters or iron-workers, and only

dealing in lumber, we will leave this to the master ship-fitter and wish him well, for his troubles are commencing, now.

The ship starts to grow, plate after plate is put in place and bolted up. The shipwright must construct false work to receive them, must shore up to get them in position, must regulate them to hold the shape, and the mill provides him with the wherewithal to do it. Scaffolding and staging must also be provided, until a veritable forest of timber rises under and around her. The time is fast approaching when the work on the vessel will be far enough advanced to put her overboard, for she must go over just as light as possible, this is usually done, when the hull, exclusive of the armor, is completed.

The carpenters have been building the ways, on which she is to be launched, in some other part of the shipyard, and these are worthy of description. First come the groundways, 12-inch in thickness, 72 inches in width, the length of the ship and enough beyond to carry her into deep water, approximately 700 feet. The groundways are built of 12x12-inch yellow pine in sections 100 feet long, and as there are two sets of ways, one port and one starboard, it will require fourteen sections, 12x72 inches x 100 feet. This material must be clear, no defects in lumber being allowed. The groundways are slid into place under the vessel and on the same incline, perfectly aligned, bolted together and secured to the cribbing on which it rests. They now form two immense tracks, one on each side of the keel, and about 15 feet out from the center line, and on these the ship is to make her first voyage.

Next come the slidingways, which are 12 inches thick, 66 inches wide and approximately 500 feet in length. They are built similar to the groundways and are placed on top of them, with an opening about 3 1/2-inch between, in which to run hot tallow and graphite. The extreme upper ends of the slidingways are bolted to the groundways and these few bolts are the last thing that hold the ship from sliding into the water until the order is given, "Cut away." With the ways in position, there still remains about 3 feet from top of ways to bottom of ship, and this must be filled in so that the weight can be taken off the keel blocks and shores on which she rests, and transferred to the ways. And here the mill again has a job on its hands.

Oak wedges, 7 feet long, 6 inches wide and tapering from 6 inches at large end to 1/2-inch at small end, dressed on both tapered sides, are made, and it will take about 700 of them for the job. These are placed across the top of the slidingways, about 18 inches apart, with butt ends projecting about 18 inches over edge of ways. On top of the wedges comes the packing which is to fill up the intervening space. This is usually 4x12 yellow pine plank, surfaced 2 sides, as wide and as long as the slidingways and built up from top of ways to bottom of ship. The planking that comes next to bottom is fitted to conform to curvature of the hull, so that the vessel rests in a snug-fitting cradle.

Packing and slidingways are now

made fast by wire cable to the ship, and hot tallow and graphite are run into the space between the groundways and slidingways. All shores, staging and scaffolding outside the ship are then removed. Double bottoms are shored and stiffened temporarily with wood, and all precautions taken to insure a successful launch. The vessel is now resting on the keel blocks, with a few temporary shores here and there.

The great day arrives and everybody is on edge, especially the naval constructors and master mechanics, upon whom the responsibility for the successful launch devolves. The wedges are rammed home; this is a heart-breaking job, but does not take long. The keel blocks are split out, the remaining shores tumbled down, and now the whole weight of the vessel is resting on the groundways, and nothing prevents her from sliding into the water but the few bolts which hold the slidingways to groundways. The order is given, "Cut away," the slidingways are cut through just below the holding bolts, and the vessel breaks away and commences her graceful journey to the water.

The launch over, let us go back to work, for she is but 40 or 45 per cent complete, and there is a great deal to do before she can meet the enemy in battle. The carpenters and mill men have as yet done very little permanent work on her, and there is still the armor backing and the wood decks to be done. All parts of the ship that are to be covered with armor must first be covered with teak wood, this wood is known as armor backing.

The backing for the belt armor usually extends all around the vessel and is at least 7 feet below the water line to about 5 feet above, and from 3 to 6 inches in thickness. This is all sawed from the log into plans and dressed on two edges, with edges slightly beveled to form what is known as a caulking seam. The sides of the plank are then sawed to conform to the curvature of the vessel's hull. Above the belt armor backing comes the casemate armor backing, which extends from 350 feet to 400 feet over the vital parts of the ship, such as engine room, boilers and magazines. The casemate armor backing is treated in the same manner as the belt armor backing, viz., dressed on two edges. All armor backing is bolted to ship, bolt heads countersunk and plugs put in over the bolt heads. We will require 10,000 1 1/4-inch diameter plugs for this.

The turret armor backing comes next. She will have four turrets, elliptical in shape, with sloping sides. They will be 6 feet 6 inches high, about 40 feet long and 30 feet in width. It will take 20,000 feet of 6-inch timber to cover them. As the sides of the turret slope inward, it is obvious that the top must be smaller than the bottom. As the backing on the turret is put on stave fashion—that is, the plank running up and down—it will be readily seen that the plank will be larger at the bottom than at the top consequently they must all be tapered. Further, the taper is not all the same, because, as the turret runs aft, the sides are almost perpendicular, and this gives a twist to the plank. In getting the twist the degree of twist is given at about every foot and marked on the edge of plank. The

plank is then sawed on a bevel band saw (common to shipyards), whose upper and lower wheels turn on a circular guide, whose center is the point where the saw passes through the table of the machine. On a saw of this description you may commence sawing with the saw square with the table and finish with the saw 45 degrees to the right or left. It takes two men to operate this machine properly.

And now comes the deck. Nothing but the best material is used in this; it must be rift-sawed and straight-grained. Teakwood is used here, as it is considered the best wood for ship-building purposes. It is very durable, does not shrink or warp when seasoned, will not injure iron, nor will iron injure the wood. It will take, at least 200,000 feet of logs to make 125,000 feet of material fit for decking, as teak is a very wasteful wood; there are large heart shakes in it and nothing like this must enter.

The deck planks must be run to an accurate width, as they must be bolted to the iron deck upon which they lie. The holes have been drilled in the iron deck and spaced accurately, therefore we cannot afford to gain or lose in the width of plank, or we would very soon have the bolt holes over into the caulking seam. The plank will be $3\frac{1}{2} \times 3\frac{1}{2}$ inches, and as the ship will be 96 feet in its widest part and the plank are laid fore and aft, it will take about 320 plank laid side by side, exclusive of margins, to cover this space. The decking is surfaced 4 sides and out-gaged; that is the sides of the plank are beveled slightly so as to leave an opening between the planks on the top edge, which forms a caulking seam: 5-32-inch is allowed between each plank.

Considerable trouble is experienced in dressing teakwood, especially when it is necessary to hold an exact width. It is apparently easy to work, not very hard, but it is very sandy, and with the ordinary soft steel cutters, running at the rate of 60 feet per minute, it is impossible to run more than 100 linear feet without filing. With hard cutters you may possibly double this amount. I have seen cutters, after running 40 linear feet, worn away 1-64th inch, so it keeps a man constantly grinding and setting cutters.

Besides the teak, yellow pine, oak and spruce, there is about 80,000 feet of soft Idaho white pine used for templates of plates and frames. This is all ripped into 3, 4 and 6 inch material, resawed to $\frac{3}{4}$ and surfaced 2 sides to $\frac{1}{4}$ inch. When the battleship is complete and goes into commission, there is a bill for about 1,200,000 feet of lumber against her, and probably only about 200,000 feet will actually go into her construction.

The total value of the output of the mines of Japan in 1902 amounted to \$25,500,000, and in 1912 it has increased to \$6,000,000. In the latter year the minerals mined, in the order of value of output, were: Coal, copper, petroleum, gold, silver, iron and zinc ore. The coal was valued in that year at over \$21,000,000, or almost one-half of the total value of the output, and copper at \$20,000,000.

Gasoline Gas as a Means of Lighting, Heating and Cooking.

By Herbert Mievlie.

For many years gasoline gas has been used for the purpose of lighting, heating and cooking, more especially in isolated towns where neither city gas nor electricity has been available.

It is fast superseding acetylene gas, which is recognized chiefly as a lighting proposition, its cost, when employed for cooking purposes, being expensive and somewhat dangerous.

It is highly probable that in the very near future the public will use gasoline to a large extent from which to make their gas for either or all of the three purposes referred to. Most owners of country homes have their automobiles and are therefore familiar with the handling of gasoline, and it is no more trouble to empty a can of gasoline in a gas generating plant, than to fill a tank on their motor car, and certainly no more dangerous.

There are two qualities of gasoline gas used for these purposes—"the wet, or rich gas," and "the three per cent mixture." The former contains eight to ten per cent of hydro-carbon vapor, to ninety or ninety-two per cent of air, while the latter does not exceed three per cent of gasoline vapor to ninety-seven per cent of air.

The former quality of gas has up to lately held the field and many and varied are the machines now on the market for the production of this gas. Unfortunately, however, this former quality gas is solely a production of the lighter grades of gasoline, which are readily volatile, and having a gravity not lower than seventy-two degrees Baume.

The cost of these lighter grades of gasoline is more or less prohibitive, besides being extremely difficult to obtain.

There are, however, at the present time machines on the market which will produce a "three per cent mixture gas" from the ordinary grade of motor gasoline, now selling for approximately 18c, a gallon and possessing a gravity from sixty to sixty-two degrees Baume, and it is on this quality of gasoline gas that the following remarks apply, as the writer believes the future of the industry depends very largely upon a machine capable of handling the commercial grade of gasoline met with every day, and obtainable everywhere, rather than in a special grade difficult to acquire.

This gas then is a mixture of air and gasoline vapor computed as Hexane (C₆H₁₄) the proportion of the latter not exceeding three per cent of the former. Its combustion, without added air, produces a perfect bunsen flame, having a blue outer cone with a greenish seating free of yellow flame.

This flame gives the maximum heat units, namely, 161 British thermal units to each cubic foot of mixture consumed, and one gallon of gasoline when vaporized, will produce approximately 775 cubic feet of gas, aggregating 126,000 units of heat.

This proportion gas is most efficient for all round use. The mixture itself

contains sufficient air for combustion, consequently taking none of the oxygen from the room in which it is burning. It is also free of carbon, causing neither dirt, odor, or poisonous fumes. Its chemical analysis is as follows:

Oxygen (O ₂)	19.5%
Nitrogen (N ₂)	77.2%
Carbon Dioxide (CO ₂)	0.1%
Hydrocarbon Vapors	
Computed as Hexane (C ₆ H ₁₄)	3.2%

The machines now procurable for producing this gas, and capable of handling this everyday gasoline, are extremely simple in construction, entirely automatic and require very little looking after—the necessary air pressure being obtained either from an electric motor, hot-air engine, or water wheel—automatically governed. The gas is always ready for use, and ordinary sized gas pipes are employed for its transmission from the generator to the burner; there is also no condensation.

In conjunction with a small Welsbach mantle, the gas produces a most brilliant white light, its natural flame is intensely hot, clean and healthy, and moreover, it is perfectly safe, as directly the gas escapes (without being ignited) it becomes non-explosive.

Providing, therefore, the generator is simple, well constructed, and automatic in its working, its product should appeal to many as a superior artificial means for one or all of the three uses for which it can be so advantageously employed.

STOCKTON, San Joaquin Co., Cal.—A deal for the purchase of the Fanning property, 100 by 100 feet, at the northwest corner of Channel and Sutter streets for a consideration of \$20,500, has been consummated by the Stockton Masons. According to statements made by members of the order, a new temple will be erected on the site. Construction work is not likely to start before the first of next year, although it is thought that plans have already been prepared for the proposed structure.

UKIAH, Mendocino Co., Cal.—Bids will be received by the Clerk of the Board of Supervisors until October 6th for the construction of a wooden bridge across Cold Creek in the 2nd Supervisor District. Plans and specifications may be secured from the County Surveyor.

RED BLUFF, Tehama Co., Cal.—Bids will be received until October 6th by the Board of Supervisors of Tehama County for the construction of two steel bridges, one over Salt Creek Slough, two spans, 50 feet each, total length 100 feet, and the other over Mill Race, one span, 80 feet long. Further information may be had from the Clerk of the Board.

SAN JOSE, Santa Clara Co., Cal.—Representatives of six nearby counties at a meeting held in this city recently urged the building of an automobile roadway through Pacheco Pass as part of the plan of a Yosemite-to-the-sea highway.

RICHMOND, Contra Costa Co., Cal.—Congressman Chas. F. Curry is the authority for the statement that the Senate Commerce Committee cut the Rivers and Harbors Bill \$12,000,000. Richmond harbor, initial appropriation was cut to \$50,000.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Milton Lichtenstein, 111 Ellis street, S. P. Owner, Rebecca Tucker. The building will be erected at the northwest corner of Bush and Gough streets and will cover an area of 30 by 100 feet. Interior has been arranged for fifteen suites of three and four rooms. Pine and hardwood finish will be used. Oak floors will be used in the living and dining rooms. Plans provide for steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and shingles. Plans are complete and figures have been taken under advisement.

BERKELEY, ALAMEDA CO., CAL.—Apartment house alteration, 2 story, frame, \$3,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. McGill. The present two-story frame dwelling located on Durant Way near Ellsworth will be altered into a modern apartment house. The suites will consist of three, four and five rooms, each with bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be new and modern plumbing, electric work, hot water system and plastering. Exterior of the building will also undergo alterations. Plans are complete and figures are now being taken.

PORTLAND, ORE.—Apartment house, 2 story and base, brick and steel. Cost not stated. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner's name not given. The building will be erected at the corner of Broadway and Larabee street, having a frontage of 50 feet on each street. There will be two modern stores on the first floor. Upper floor will be arranged for apartments and offices. Interior will be finished in pine throughout. Hot water heat will be installed. All suites will have wall beds and private bath rooms. Tile wainscot will be used in the baths. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$60,000. Architects, California Architectural and Construction Co., Investment Bldg., L. A. Owner, George J. Ley. Contractors, California Architectural and Construction Co., Investment Bldg., L. A. Contract price, \$60,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$26,000. Architect, none. Owner, Benj. Ishman. Contractors, C. F. Borton Co., Hibernian Bldg., L. A. Contract price, \$26,000.

BANKS

SACRAMENTO, CAL.—Bank and offices, 7 story and base. Class A construction. Cost not stated. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Capitol National Bank. The building will be erected at the corner of 7th and J streets, and will cover a considerable ground area. Construction will be fireproof throughout with a complete steel frame, reinforced concrete or brick walls, concrete floors and hollow tile interior partitions. The entire first floor will be occupied by the bank. Upper floors will be arranged for modern offices. Plans provide for steam heat, vacuum cleaning, elevator service, a hot water system and metal window sash and frames. Interior will be finished in pine and hardwood. Marble and tile will be used extensively. Special bank fixtures and special bank vaults will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

BALDWIN PARK, LOS ANGELES CO., CAL.—Bank and offices, 2 story and base, brick. Cost not stated. Architect, H. J. Knauer, Citizens' Bank Bldg., L. A. Owner, H. A. Church, Glendale. The building will cover an area of 38 by 62 feet. The first floor will be occupied by the bank and one store. Upper floor has been arranged for modern offices. Interior will be finished in pine and hardwood with tile floor in the banking room. There will be acetal heating system. Special bank fixtures will be installed. Concrete vaults are specified. Exterior of the building will be faced with enameled brick. Plans are nearly complete and figures will be called for at once.

BONDS.

SANTA ROSA, SONOMA CO., CAL.—District Attorney Lee in responding to a request has provided the Board of Supervisors with a draft of a resolution, calling for a road bond election to be held on the day of the general election, November 3rd, to submit to the voters of Sonoma County the question of voting \$1,600,000 bonds for permanent improvements.

The ordinance calls for bonds in \$1,000 denomination bearing 5½ per cent interest to run 32 years. It will require a two to one vote to carry the issue.

FRESNO, FRESNO CO., CAL.—No bids have been received here for the Princeton and Hopewell district bond issues. The bonds are of \$2,000 and \$900. When sold the proceeds will be used in the construction of school buildings.

There is some talk here that the \$250,000 bond issue of the Fresno schools will soon find a market.

RED BLUFF, TEHAMA CO., CAL.—A petition calling for a bond election

to establish a municipal water system is now in circulation in this city. The proposition is to bond the city in the sum of \$85,000 for the new system. About 200 signatures will be required before the petition will receive the recognition of the Board of Trustees and get an election.

SACRAMENTO, CAL.—A resolution setting October 16th as the date for the highway bond election has been adopted by the Board of Supervisors. The amount of money asked by the highway board for the construction of the highway system is \$2,125,000, the bonds to run for 37 years and to pay interest at the rate of 5 per cent per annum.

SUISUN, SOLANO CO., CAL.—The bid of the State Industrial Accident Board has been accepted by the Board of Supervisors for the purchase of the \$60,000 bond issue of the Rio Vista High School District, their bid being far par and accrued interest.

BEACMONT, RIVERSIDE CO., CAL.—An ordinance has been passed here to submit to the voters the holding of a bond issue to vote bonds of \$10,000 the proceeds to be used for street lighting and street improvements.

ANDERSON SCHOOL DISTRICT, MENDOCINO CO., CAL.—Bonds of \$2,000 are for sale. When sold the proceeds will be used in the erection of a school building.

TWO RIVERS DISTRICT, MENDOCINO CO., CAL.—Sealed bids will be received here by the Clerk of the Board of Supervisors for bonds in the amount of \$600. A. J. Fairbanks is the chairman of the Board.

GLENDALE, LOS ANGELES CO., CAL.—An ordinance has been adopted acquisition and construction of certain water works system, including lands, water rights, etc. for complete water works system. J. C. Sherer is the City Clerk.

BERKELEY, ALAMEDA CO., CAL.—The school bond proposition carried here by 435 votes more than the necessary two-thirds, while both the harbor and civic center propositions failed. A half million dollars will be expended in the construction of school buildings and equipment.

PASADENA, LOS ANGELES CO., CAL.—No date has been set for the proposed water bond election. The estimated cost of the system is \$289,000.

SCHOOL DISTRICT NO. 37, COCHISE CO., ARIZ.—Bids will be received until October 6th for sale of bonds in the sum of \$90,000. Proceeds to be used in the erection of a school building. A. C. Karger is Clerk of the Supervisors.

SAN FERNANDO, LOS ANGELES CO., CAL.—A bond election will be held in the San Fernando School District for the voting of \$150,000 in bonds. The proceeds are to be used in the purchase of lots, building a school and equipping the same. F. M. Wright is a member of the School Board.

HAWTHORNE SCHOOL DISTRICT, LOS ANGELES CO., CAL.—The School Trustees will soon call an election to

vote \$40,000 to build a new grammar school building. Plans for the building have been prepared by W. C. Pennell.

SIERRA MADRE SCHOOL DISTRICT, LOS ANGELES CO., CAL.—A school bond election held here recently and which carried has been declared illegal. The bonds were for \$20,000. Another election will be held on October 14th.

COLTON, SAN BERNARDINO CO., CAL.—The County Supervisors have called an election for October 20th to decide on the issuing of bonds of \$150,000 to be used in the running of the County Hospital. Chas. Post is the County Clerk.

PORTLAND, ORE.—The city will sell \$50,000 bonds, the proceeds to be used in the construction of a municipal dock warehouse.

RICHMOND, CONTRA COSTA CO., CAL.—The water bond proposition was defeated here by an almost two to one vote, the returns showing 1,403 votes against them. It was necessary to have a two-thirds majority to carry the bonds.

The election, which included Stege, San Pablo and several other towns in the vicinity, concerned in the project of taking water from the Sacramento River at Toland's landing, above tide-water, and carrying it to Richmond by an elaborate aqueduct system costing \$2,500,000. This is the second time that such an election was held, both being defeated.

GALLATIN SCHOOL DISTRICT, LOS ANGELES CO., CAL.—The Board of Supervisors will receive bids for the purchase of \$10,000 school bonds until October 13th. H. J. Lelande is the County Clerk.

TEMECULA UNION HIGH SCHOOL DISTRICT, RIVERSIDE CO., CAL.—The Board of Supervisors will receive bids for the sale of \$10,000 school bonds until October 7th. A. B. Pilch is the Clerk of the Board.

PRESCOTT, ARIZ.—No bids have been received here for the purchase of the \$250,000 bonds, proceeds to be used for the erection of a new Court House. It is expected appeal will necessarily be made to local capital in order to sell the bonds.

YUBA CITY, SUTTER CO., CAL.—It is practically settled that the proposition of bonding the County of Sutter in the sum of \$550,000 for the construction of a county highway from San Diego by way of Nicolaus to Yuba City, the county seat, will be submitted to the voters in the November election.

The original scheme of extending the proposed road from Yuba City to Meridian has been abandoned for the present. It would have necessitated a bond issue of \$786,000.

MARYSVILLE, YUBA CO., CAL.—Perrin, Drake and Riley, bond brokers of San Francisco, have asked the Supervisors for a three days' option on all or any part of Yuba County's State Highway Bonds, and asking the lowest price the Board will accept. The county has \$40,000 worth of bonds for sale.

OILAND, GLENN CO., CAL.—The \$15,000 bond issue for the extension of the sewer and water system has been sold to the State Accident Insurance Commission, according to reports received here. It is said that money will be available at once and bids will

be called for by the Trustees immediately.

MODESTO, STANISLAUS CO., CAL.
A request to the people of Modesto to vote October 31st upon a proposition involving the issuance of \$20,000 in bonds for the purchase of sites for grammar schools to be built in the future is embodied in a resolution adopted by the City Board of Education at their last session.

SANTA ANA, ORANGE CO., CAL.—No bidders have been drawn to take up the \$10,000 Chapman avenue bridge bonds. City Attorney Garrett has stated that the bonds could be disposed of at private sale within five or six days.

BRIDGES AND DAMS.

PUTAH CREEK, SOLANO CO., CAL.—Bridge, steel and reinforced concrete, \$110,000. Engineer, County Surveyor, Fairfield. Owners, Solano County. Final plans for the bridge to span the Putah Creek between Solano and Yolo Counties on the state highway have received the approval of the Board of Supervisors. The bridge will be of steel with reinforced concrete approaches and abutments. Bids will be called for at once. The engineer's estimate is \$140,000.

ASTORIA, ORE.—Culvert, reinforced concrete. Cost not stated. Engineer, State Highway Engineer, Salem. Owners, Klatasp County. Plans and specifications have been completed under the supervision of the State Highway Engineer and bids are now being received and will be opened at the office of J. C. Clinton, County Clerk of Klatasp County, Astoria, Ore., for the construction of a concrete culvert. The culvert will contain the following materials: 117 yards concrete, 4,450 pounds corrugated steel bars, 6,000 pounds old steel rails, 1,550 feet piling. Plans can be secured from the office of the State Highway Engineer, Salem, Astoria or Portland. Bids close on October 5th.

RED BLUFF, TEHAMA CO., CAL.—Highway bridges, 8, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor Lunning, Red Bluff. Owners, Tehama County. County Surveyor Lunning is now preparing plans and specifications for eight bridges to be constructed over the route of the State Highway from the Glenn County line to Corning, four of which will be of concrete and a like number of steel construction. Plans will be submitted to the Supervisors at the next meeting and on approval bids will be called for.

SAN FRANCISCO—Dry dock construction, \$300,000 or more. Engineer, Union Iron Works, S. F. Owners, Union Iron Works. Actual work on the big dry dock project at Hunter's Point is to be undertaken without further delay. The Union Iron Works, will through their local office, receive figures for such portions of the work as they are not equipped to carry out. This work will include the concrete work principally. About \$500,000 will be expended on the dry dock, while several buildings will also be erected, which will cost about \$250,000.

PORTLAND, ORE.—Dock, 1 story, frame and corrugated iron, \$50,000. Engineer, G. B. Hegardt, Public Dock Commission, Portland. Owners, City

of Portland. The building will be erected on Pier No. 1, and will cover an area of 210 by 230 feet. Special cargo handling cranes will be used. Roof will be of four-ply asbestos. Exterior will be covered with corrugated iron. Plans are complete and figures will be opened on October 2nd. Plans and specifications can be secured from the Portland Dock Commission.

Contracts Awarded.

SAN RAFAEL, MARIN CO., CAL.—Bridges, timber construction, \$2,797. Engineer, County Surveyor, San Rafael. Owners, Marin County. Contractors, Marin Rock Co., San Rafael. Contract price, \$2,797.

MARYSVILLE, YUBA CO., CAL.—Bridge, reinforced concrete, \$134,000. Engineer, County Surveyor, Marysville. Owners, Yuba County. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. Contract price \$134,000.

BELOTTA, SAN JOAQUIN CO., CAL.—Bridge approach, concrete construction, \$1,470. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Contractors, Eckfeldt & Curry, Stockton. Contract price, \$1,470.30.

CHURCHES.

PORTLAND, ORE.—Church, 2 story and base, brick and concrete, \$25,000. Architects, Pope & Burton, Salt Lake City, Utah. Owners, Latter Day Saints. The building will be erected at the corner of 25th and Madison streets and will cover a considerable area. The design is in the classic style. The main auditorium will have a seating capacity of 1,500 people. Basement has been designed to contain Sunday school rooms, pastor's study, a large social hall and kitchen. Interior will be finished in pine. There will be a central heating system. Art glass windows are specified. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures will be taken at once. Rev. Ballard is in charge of the work.

BEAUMONT, RIVERSIDE CO., CAL.—Church, 1 story and base, frame. Cost not stated. Architect not selected. Owners, First Presbyterian Church of Beaumont. At a recent meeting of the Building Committee of the First Presbyterian Church the plans for the new church building were agreed upon and it is expected that construction will start at an early date. No architect as yet has been selected.

Contracts Awarded.

SAN FRANCISCO—Church, 2 story and base, frame and plaster, \$15,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. Contractor, Chas. Koenig, 3525 19th street, S. F., general construction only. Contract price, \$15,000. Art glass, painting and heating not included.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Factory and warehouse, 4 story and base, reinforced concrete. Cost not stated. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Shredded Wheat Biscuit Co. Architect Hobart has completed the architectural drawings for the first unit of the big plant which is to be

erected by this company on their oakland property bounded by 12th, 11th, Poplar and Union streets. These plans have been submitted to Vice-President Fred Mason of the Shredded Wheat Co., who is now in the city. Structural plans have been completed by the company's engineers. Besides this building the company will shortly commence the construction of two other buildings of a similar type besides several cottages for their employees. Plans will be out for figures shortly.

OAKLAND, CAL.—Creamery, 1 story, brick, \$5,000. Architect, none. Owner, Miss Annie Johnson, 931 Bay View avenue, Oakland. The building will be erected on the south side of 18th street west of San Pablo avenue. The front portion of the building will be fitted up for a retail store and the rear for a modern sanitary creamery. A cement floor will be used. Interior will be finished in pine and tile. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Warehouse, 2 story and base, brick, \$15,000. Architect, Alvin S. Stern, 1542 Broadway, Oakland. Owner's name withheld. The building will be erected on 19th street between San Pablo and Telegraph avenues and will cover a considerable ground area. Floors will be of concrete. Interior will be finished in pine. A freight elevator will be installed. Automatic sprinklers are also specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken by the architect.

PORTLAND, ORE.—Warehouse and factory, 4 story and base, reinforced concrete and brick, \$90,000. Architects, MacNaughton & Raymond, Title and Trust Bldg., Portland. Owners, Blake-McFall Paper Co. The building will be erected on the northside and will cover an area of 100 by 200 feet. Besides the factory plant and warehouse the building will contain the office of the company. Interior of the office portion will be finished in pine and hardwood. There will be two freight elevators, steam heat and automatic sprinklers. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HILLSBORO, ORE.—Factory addition, brick, \$40,000. Architect, none. Owners, Pacific Coast Condensed Milk Co., Hillsboro. This company has commenced work on the enlarging of its plant here, and will expend about \$40,000 in the enterprise. The present building is too small for the milk available. Special machinery will be installed in the new addition.

PORTLAND, ORE.—Municipal barns, 2 story and base, reinforced concrete, \$50,000. Architect, City Building Inspector Plummer, Portland. Owners, City of Portland. The building will be erected at the corner of 13th and Jefferson streets, covering an area of used for storing the street cleaning equipment. The first floor has been 210 by 73 feet. The basement will be arranged for a total of 92 stalls, two box stalls and locker rooms. The second floor will be used for storage purposes and room for the feed grinder and offices. Special electric work and modern plumbing will be installed. Exterior of the building will be faced with pressed brick. Plans are com-

plete and figures are now being taken. **AGNEW, SANTA CLARA CO., CAL.**—Factory plant group of 1 and 2 story and base, steel and corrugated iron, \$60,000. Architect, William Binder, Rea Bldg., San Jose. Owners, Pacific Chemical Co., Berkeley. This group of buildings will consist of a factory, warehouse, tower and a number of smaller buildings. Construction will be of steel, concrete and corrugated iron. The owners are engaged in the manufacture of a by-product of the Western Grain and Sugar Co. Special machinery and equipment will be installed. The company is now operating in Berkeley. Plans for these buildings have been revised and figures will shortly be called.

Contracts Awarded.

LOS ANGELES, CAL.—Laundry, 1 story and base, brick and steel, \$35,000. Architect, Fred A. Hale, 644 San Fernando street, L. A. Owners, Los Angeles, Laundry Co. Contractors, Davidson Construction Co., 16th and Tennessee streets, L. A. Contract tract price, \$35,000.

FIRE HOUSES AND JAILS.

WOODLAND, YOLO CO., CAL.—Jail, 3 story and base, reinforced concrete, \$40,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. The building will be erected on property adjoining the present County Court House and will be fireproof throughout. The design is in the classic style. Provision has been made for two separate wards besides a large guard room and office of the sheriff and under sheriffs. Interior will be finished in pine. There will be steam heat and a modern system of ventilation. Special jail equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$10,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected at the corner of Lyon and Union streets, and has been designed to contain two large flats of six and seven rooms. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Tile wainscot and floors will be used in the bath rooms. Steam heat will be installed. There will be open fire places and tile or brick mantels. A private garage will occupy the basement. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, L. Ravani. The building will be erected on East Auburn street near Pacific, and will contain two flats and a store. Interior will be finished in pine and redwood. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Tile and marble will be used in the entrance. Exterior of the building will be covered with cement plaster

on metal lath. Plans are now being prepared.

GOVERNMENT WORK & SUPPLIES.

Machinery and Valves.

Bids for machinery and valves for Lake Washington canal locks were received by J. E. Cavanaugh, major of engineers, U. S. army, Seattle, Wash.: McMyler Interstate Co., Bedford, Ohio, \$106,936.03. Wm. E. Chase Engineering Co., Spokane, Wash., \$12,320.07. I. & J. B. Mulholland Co., Pittsburgh, Pa., \$114,525.67. C. C. Moore & Co., San Francisco, Cal., \$119,619.58. Camden Iron Works, Camden, N. J., \$163,762.24. Hans Pederson, Seattle, Wash., \$108,00.10, accepted. A. McLean, Seattle, Wash., \$130,116.53. Seattle Construction & Dry Dock Co., Seattle, Wash., \$117,160.24.

Olympia, Wash., Furniture.

The contract for installing furniture in the U. S. post office at Olympia, Wash., has been awarded to Furnas Office and Bank Furniture Co., Indianapolis, Ind., at \$1,892.60.

Cave Creek Cut-off.

The Secretary of the Interior has authorized the Reclamation Service to execute the following contracts for the construction of the Cave Creek cut-off, Arizona canal, Salt River irrigation project, Ariz.:

Schedules 1 and 2, involving 131,000 yards of excavation, to Martin & Giles of Phoenix, Ariz., contract price, \$15,648.80.

Schedule 3, involving 300 cubic yards of concrete, most of which contains steel reinforcements, and 107 square yards of grouted paving, Maney Bros. & Co., of Oklahoma City, Okla., contract price, \$2,956.

Boise, Idaho, Bepatrs.

The contract for repairs to heating and plumbing system in the U. S. post office at Boise, Idaho, has been awarded to Acme Plumbing & Heating Co., Ltd., at \$572.

Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the supervising architect:

237, Eub Target Gun Co., 381 Congress street, Boston, Mass.—Bid A, \$15. Eureka, Cal., oil-burning plant, August 25. Brigham City, Utah, construction, June 1. Medford, Ore., construction, August 24.

SAN DIEGO, CAL.—Coaling station, steel and concrete, \$95,000. Engineers, Department of Yards and Docks, Washington, D. C. Owners, United States Government. According to late reports, plans and specifications for enlarging the navy coaling station at San Diego harbor have been completed and work will start on an early date. The plans call for an expenditure of \$95,000, including the extension of the coal platform and the construction of a flume.

HOSPITALS.

NAPA, NAPA CO., CAL.—Hospital cottage, 1 story, frame and concrete, \$11,261. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Control for constructing this building show R. S. K. McMillan of San Francisco low at \$11,261. He will be awarded the contract. A complete list of bids for the work appears under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

AGNEW, SANTA CLARA CO., CAL.—Temporary cottages, 1 story, frame, \$23,599. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened for constructing temporary cottages for males at the Agnew State Hospital show Boyd, Kerr & McLean of San Francisco low at \$23,599. They will be awarded the contract. A complete list of the bids will be found under the heading of San Jose and the Santa Clara Valley in this issue.

VENTURA, VENTURA CO., CAL.—Hospital cottage and two typical cottages, concrete and frame, \$79,972. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. L. G. Bergren & Son, San Francisco, submitted the lowest figure for constructing the hospital cottage and two typical cottages at the new state institution for girls to be built at Ventura. They will be awarded the contract. A complete list of the figures appears under the heading of Los Angeles and Southern California in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, Class C construction, \$15,000. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owners, San Francisco Investment Co., Clunie Bldg., S. F. The building will be erected on Third street at the corner of Taber Place and will cover an area of 47 by 67 feet. There will be one store on the first floor besides the entrance to the hotel rooms. Upper floors will contain a total of 43 rooms. Interior finish will be in pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. Patient store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PITTSBURG, CONTRA COSTA CO., CAL.—Hotel and stores, 2 story and base, brick and steel, \$30,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owner, A. Engel. The building will be erected on a corner lot covering an area of 60 by 100 feet. There will be a number of stores on the first floor and in the neighborhood of 50 guest rooms on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are complete and figures are now being taken.

Contracts Awarded

BLAIRSDEN, PLUMAS CO., CAL.—Hotel and cottages, log construction, \$40,000. Architect, Frederick Whittton, 251 Kearny street, S. E. Owners, Interstate Resort Co. Contractor, A. D. Nelson, Nevada Bank Bldg., S. F., general carpentry work only. Contract price, \$40,000.

LIBRARIES.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Library, 1 story and base, concrete and frame, \$10,000. Architect, W. H. Weeks 75 Post street, San Francisco. Owners, Town of South San Francisco. The building will be designed in the classic style and will contain a large reading room and stack room. Interior finish will be of pine with some oak floors. Furnace heat will be used. Metal book stacks are specified. Exterior of the building will be covered with cement plaster. Plans are being prepared.

SEATTLE, WASH.—Library, 2 story and base, brick and steel, \$30,000. Architect, W. Somerville, White Bldg., Seattle. Owners, City of Seattle. The building has been designed in the classic style and will be practically a fire-proof building. There will be two reading rooms and an assembly hall. Interior will be finished in pine with some hardwood. Hardwood floors will be used. Plans provide for steam heat. Metal book stacks will be used. Besides the two reading rooms there will be an office for the librarian and stack room. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, James Welsh, 244 20th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue north of California street, and as been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with some elm panels and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 3 story and base, frame and plaster, \$19,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected at the foot of 32nd avenue, commanding one of the finest marine views in California. The dwelling will contain eighteen rooms, six baths and a private garage. Interior will be finished in hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for steam heat, a hot water system, vacuum cleaning and open fire places. Mantels will be of tile and brick. All bath rooms will have tile wainscot and floors. Exterior of the house will be covered with cement plaster on

metal lath. Plans have been out for figures. Edward Zinkand submitted the lowest figure on the general construction at \$18,120. He will probably be awarded the work. A complete list of the figures received will be found under the head of San Francisco in this issue.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been signed for a six-room house with bath, and will be erected on the east side of Arguello Boulevard south of Carl street. Pine and redwood interior finish will be used. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath room will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, E. R. Hayden. The dwelling will be erected on the east side of 17th avenue south of Riviera, and will contain seven rooms and bath. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and tile or brick mantels. Tile wainscot will be used in the bath room. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, T. B. Evans, 1417 East 20th street, Oakland. The dwelling will be erected at the corner of East 20th street and 16th avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, George Fedderwitz. The dwelling will be erected in West Berkeley and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile or brick mantel. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architect, Samuel Arnold, Sharon Bldg., S. F. Owner, Z. P. Smith. The dwelling will be erected at the corner of Walnut and Shattuck

avenue, and has been designed to contain eight rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, E. B. Spitzer, 2151 Ashby avenue, Berkeley. The dwelling will be erected on the south side of Marin west of Fresno, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, Manuel A. Pratis, 1728 D street, Sacramento. The dwelling will be erected on W street and will contain six rooms and bath. Pine and redwood interior finish will be used throughout. There will be some oak floors. Tile wainscot will be used in the bath room. There will be an open fire place and tile mantel. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, S. B. Druck, 901 Dalmas avenue, San Jose. The house has been designed for a six-room dwelling and will be erected on Dalmas avenue. Interior will be finished in pine and redwood with some oak floors. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SISSON, SINKIYOU CO., CAL.—Residence, 1 story and base, frame, \$4,000. Architect, James W. Plachek-Acheson Bldg., Berkeley. Owner, Chief United States Forester Hammett. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. Furnace heat will also be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with shingles and stone. Plans are complete and figures are being taken.

SEATTLE, WASH.—Residence, 2 story and base, frame and hollow tile \$35,000. Architect, David J. Myers, Central Bldg., Seattle. Owner, M. A.

Arnold. The dwelling will be erected in the Highlands Tract, and will cover an area of 35 by 109 feet. There will be sixteen rooms, five baths and a garage in the center of large grounds. Interior will be finished in hardwoods throughout. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile and equipped with showers. Plans provide for steam heat and a hot water system. Vacuum cleaning will also be installed. Exterior of the house and garage will be covered with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Residence gardens and garage, frame construction, \$7,500. Architect, Willis Polk, Hobart Bldg., S. F. Owner, Mrs. Katherine Hooker. The owner has recently completed a handsome city home on the south side of Pacific avenue near Walnut, and now has had plans prepared for formal gardens with a fountain and other concrete work. A private garage of frame and plaster construction will also be erected on the property. Plans and specifications for this work are complete and figures are now being taken.

OAKLAND, CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, none. Owners, Dean and Wade, 5210 Fairfax avenue, Oakland. These two houses will be erected on Wdean Place near 5th avenue, and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of G. H. Hollenbeck, who will superintend the work, which will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, William Koenig, 750 Parnassus avenue, S. F. The dwelling will be erected at the northwest corner of Ashbury and Congress streets and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

PANAMA-PACIFIC EXPOSITION WORK.

Contracts Awarded.

SAN FRANCISCO—Concession buildings, 1 story, frame and plaster, \$10,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition, Contractors, Stiebel, Freese & Peterson, S. F. Contract price \$10,000.

POST OFFICES.

SAN FRANCISCO—Subtreasury, metal vault equipment. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures are being taken for furnishing and installing the metal vault equipment for the new United States Subtreasury building. Plans and complete information can be secured from the Supervising Architect. Bids will be opened on October 7th in Washington, D. C.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Car barns, 1 and 2 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Department of Engineering are now going over the steel drawings for the new Potrero Street Car Barns and report that the same will be completed within a few days. Bids will be called for in the course of the next three weeks. Further mention will be made in these columns at that time.

SCHOOLS.

BURLINGAME, SAN MATEO CO., CAL.—School, 2 story and base, frame and plaster, \$25,000. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Owners, Burlingame Meadow School District. Bids opened for this work show J. J. Leonard, S. F., low on the general construction at \$25,575, and J. C. Hurley, S. F., low on the heating and ventilating at \$2,398. Contracts will probably be awarded these firms. A complete list of the bids received will be found under the heading of San Jose and the Santa Clara Valley in this issue.

FRESNO, FRESNO CO., CAL.—School, 2 story. Class C construction, \$50,000. Architects, Coates & Traver, Head Bldg., S. F. Owners, City of Fresno. This building will be known as the Webster School and has been designed to contain thirteen class rooms and general office. Provision has been made for a large auditorium which will be added later. There will be no basement, the first floor being of concrete slabs and laid on filled ground. Stairs and halls will be of concrete. Interior finish will be of pine with some maple floors. Plans provide for steam heat, oil burning system and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on October 23rd.

SAN FRANCISCO—Exposition schools, 1 and 2 story, frame and plaster. Cost not stated. Architects, W. H. Weeks, 75 Post street, S. F., associated with Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Panama-Pacific International Exposition Co. Architects Norman F. Marsh and W. H. Weeks have been appointed a commission to prepare plans for model school buildings to be erected on the grounds of the Panama Pacific Exposition. The work will be done

under the direction of the commissioner of education of the exposition. It is planned to remodel a school building now on the Exposition site and to erect a domestic science building, a manual training building and a model rural school building. The task of designing the last three named buildings has been assigned to Mr. Marsh. It is the intention to make these schools a feature of the educational exhibit of the Exposition. School will be conducted daily and the buildings will be open to the public, the object being to illustrate in a practical manner advanced methods of education.

Contracts Awarded.

SANTA CRUZ, SANTA CRUZ CO., CAL.—School, 2 story and base, reinforced concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Santa Cruz School District. Contractors, Peterson & Wilson, S. F., general construction, \$79,750; plumbing, Byrne Bros., Santa Cruz, \$5,550; painting, A. J. Pettididier, Santa Cruz, \$3,195; heating and ventilating, J. C. Hurley, S. F., \$9,200, and roofing, H. W. Johns-Manville Co., S. F., \$937. Awards on the vacuum cleaning, program clocks, electrical work and window shades were not made. A complete list of the bids submitted will be found under the heading of San Jose and the Santa Clara Valley in this issue.

PORTLAND, ORE.—School, 1 story and base, hollow tile, \$15,737. Architect, P. A. Naramore, Portland. Owners, City of Portland. Contractor A. C. Meyer, 1084 Albina avenue, Portland. Contract price, \$15,737.

SAN FRANCISCO.—Mission home, 3 story and base. Class C construction, \$25,000. Architect, Robert Orr, Van Nuys Bldg., L. A. Owners, Board of Women's Home Missions. Contractors, Gaspard & Hammond, Sharon Bldg., S. F. Contract price, \$25,000.

FRESNO, FRESNO CO., CAL.—School, 2 story and base. Class C construction, \$77,899. Architect's name not given. Coates & Traver, Head Bldg., S. F., supervising architects. Owners, City of Fresno. Contractor, D. A. Evans, Fresno. Contract price, \$77,899.

GILBERT, ORE.—School, 1 story and base, hollow tile, \$12,000. Architect's name not given. Owners, Gilbert School District. Contractor, F. S. Hallock, McKay Bldg., Portland. Contract price, \$12,000.

ALHAMBRA, LOS ANGELES CO., CAL.—School group, 1 and 2 story, brick and hollow tile, \$79,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Alhambra School District. Contractor, H. E. Roberts, 202 North Marguerita avenue, Alhambra, general construction; Cooney & Winterbottom, Alhambra, plumbing, and Machinery and Electric Co., L. A., heating and ventilating.

GLENDALE, LOS ANGELES CO., CAL.—School, 1 story and base, brick, \$13,430. Architect, C. S. Westlake, 1458 Oak street, Glendale. Owners, Glendale School District. Contractor, E. D. Yard, 127 North Maryland avenue, Glendale. Contract price, \$13,430.

FRESNO, FRESNO CO., CAL.—School, 1 story and base, frame and plaster, \$12,490. Architect's name not given. Owners, Fresno School District.

Contractor, J. A. Daly, Fresno. Contract price, \$12,490.

BAKERSFIELD, KERN CO., CAL.—School toilets and plumbing, \$5,150. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Baldwin Plumbing Co., Bakersfield.

SEWERS, STREET WORK & WATER SYSTEMS.

CALIFORNIA.—State Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. A complete list of the bids recently opened by the State Highway Commission for constructing highways in five counties will be found under the heading of Sacramento, Stockton and Northern California in this issue.

KEENE, KERN CO., CAL.—Transmission line. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Plans have been completed for constructing a transmission line of approximately 9½ miles, connecting the Pacific Light and Power Co.'s plant at Indian Creek with the Kern County rock crusher at Keene. The line is to carry a voltage of 50,000. Bids are now being taken and will be opened by the Board of Supervisors on October 7th. Plans and specifications together with full particulars can be secured from the County Surveyor at Bakersfield. An official proposal appears in another column of this issue.

OREGON CITY, ORE.—Water supply system, \$250,000. Engineers, Hurlburt & Rands, Henry Bldg., Portland. Owners, Oregon City. Plans and specifications have been completed by Hurlburt & Rands and bids will probably be authorized within a few days for the construction of the pipe line and water system to extend from Clackamas to Oregon City. William Anderson is chairman of the water commission. The work will consist of constructing a large reservoir to have a capacity of 5,000,000 gallons, to be of reinforced concrete construction, grading and building trenches and laying pipe. The pipe to be used will be 20-inch, 18-inch and 16-inch sizes of wood stave pipe. The cost of the work is estimated at between \$225,000 and \$250,000, and the work will probably be authorized at the next meeting of the commission at Oregon City, which has the matter in charge. The completed survey showed a total mileage of 24.9 miles. There will be 13 miles of 18-inch pipe, 7.5 miles of 16-inch pipe. According to the original plan it was the intention of the engineers to use 14-inch pipe, but the sizes have been increased.

HOOD RIVER, ORE.—Irrigation head works. Cost not stated. Engineer, R. A. McClannathan, Heilbronner Bldg., Hood River. Owners, East Fork Irrigation District. Bids will be received by the Board of Directors of the East Fork Irrigation District until October 9th for the reconstruction of the head works at the intake on the East Fork of the Hood River and construction of main canal for a distance of about six miles. Plans and specifications can be obtained at the office of R. A. McClannathan, Room No. 29,

Heilbronner Bldg., Hood River, Ore., on a deposit of \$5.

SAN MATEO, SAN MATEO CO., CAL.—Retaining wall, reinforced concrete. Cost not stated. Architect, Havens & Toepe, 46 Kearny street, S. F. Owners, City of San Mateo. Plans are now being prepared for constructing a reinforced concrete retaining wall from a point on the public library property to the school building. The work will be along a creek. Plans are now being prepared and figures will be called for shortly.

PORTLAND, ORE.—Sewer construction, reinforced concrete pipe, \$450,000. Engineer, City Engineer, Portland. Owners, City of Portland. All proceedings for the construction of the East 82nd street and Willow street extension of the East Stark street sewer will be started over, which will cause a delay of about two months in the advertising of bids for the work. This action was necessitated by the rescinding of the project. The work will be of 64-inch and 60-inch pipe, to be of reinforced concrete construction, while the Fulton Park sewer, which is to drain Fulton Park, Carson Heights and Parts of Capitol Hill and Burlingame, will be of 45-inch pipe. This sewer system will also be of reinforced concrete construction and is estimated to cost \$45,000. Bids for the Fulton Park sewer system will be called for in about 30 days.

SAN RAFAEL, MARIN CO., CAL.—Road construction and bridges, \$88,000. Engineer, County Surveyor, San Rafael. Owners, Marin County. At the last meeting of the Board of Supervisors improvements were decided on which will cost the county in the neighborhood of \$88,000. The work is divided as follows: \$20,000 for concrete bridges, \$35,000 for Black Point Cut-off, \$5,000 for road to McNear Point, \$7,000 for Bolinas Bay road, \$7,000 for rocking White's Hill, \$4,000 for Hicks Valley Cut-off, \$10,000 for Tocoloma and Nicasio Hill roads.

NAPA, NAPA CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Napa. Owners, City of Napa. The City Council has passed a resolution of intent providing for a new sewer system for the Alta Heights District. A resolution of intention, providing for a 16-inch sewer in First street to connect with the a new sewer to be constructed in the new reinforced concrete bridge on First street, was also adopted.

BENICIA, SOLANO CO., CAL.—Street work. Cost not stated. Engineer, City Engineer, Benicia. Owners, City of Benicia. Plans and specifications have been completed here for the improving of East Fifth street between the center of C street and East Fifth street and O streets. Plans and specimen may be had from the City Clerk at Benicia.

CORONA, RIVERSIDE CO., CAL.—Street work, \$37,633.45. Engineer, City Engineer, Corona. Owners, City of Corona. Bids for improving Sixth street from the East Boulevard to Vorha street on the west side of town were opened by the Board of Supervisors here and show: Johnson-Shea Co., \$37,633.45; W. F. Easley Contracting Co., \$38,914.88; O. J. Brandt, \$43,599.51. The bids were referred to the

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

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Offices & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

City Engineer and Street Superintendent Tuthill, who will report at the next meeting when an award will be made.

Contracts Awarded.

RICHMOND TO MARTINEZ, CONTRA COSTA CO., CAL.—Highway work, \$12,097. Engineer, State Highway Commission Forum Bldg., Sacramento. Owners, State of California. Contractors, Bates, Borland & Ayer, Bank of Savings Bldg., Oakland. Contract price, \$42,097.

SACRAMENTO, CAL.—Sewer construction, \$22,000. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractor, J. W. Terrell, Chico. Contract price, \$22,000.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base, brick and steel, \$12,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, J. Gendotti. The building will be erected at the corner of Hayes and Octavia streets, covering an area of 39 by 120 feet. There will be six stores. Interior finish will be of pine throughout. A full basement will be built. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

PORTLAND, ORE.—Stores, 2 story and base, brick and steel. Cost not stated. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owner's name not given. Contractors, Green & Green, 394 Ross street, Portland. Contract price not stated.

LODI WANTS DETENTION HOME.

LODI, San Joaquin Co., Cal.—Members of the county probation committee have presented a communication to the Board of Supervisors asking that \$25,000 be set aside in the next yearly budget for the erection of a juvenile detention home. The Woman's Civic Council and Judge C. W. Norton have endorsed the petition. The matter has been laid over until some future date.

WANT POST OFFICE.

RIVERBANK, Yolo Co., Cal.—The petition for a post office in this place has been forwarded to the Postmaster General at Washington, D. C. If granted the station will be called Bryte City.

SHIP YARD FOR RICHMOND.

RICHMOND, Contra Costa Co., Cal.—A rumor has been persistent around the city that the Standard Oil Company is contemplating establishing a ship yard at their plant where their tankers and smaller craft for trans-bay service could be constructed.

PLANS FOR STORM DRAIN SYSTEM.

SANTA MONICA, Los Angeles Co., Cal.—Plans for a complete storm drain system have been presented by City Engineer Morjon to the City Trustees. Plans were referred to the committee as a whole for further consideration. The estimated cost of the work is \$225,000.

PREPARING BRIDGE PLANS.

RED BLUFF, Tehama Co., Cal.—County Surveyor Lunning is now preparing plans and specifications for eight bridges to be constructed over the route of the state highway from Glenn county line to Corning. Four of the structures will be of concrete construction and a like number of steel. Plans will be submitted to the Supervisors at their next meeting and on approval bids will be called for.

WILL ENLARGE COALING STATION.

SAN DIEGO, San Diego Co., Cal.—According to late reports, plans and specifications for enlarging the navy coaling station at the San Diego harbor have been completed and work will start at once. The plans call for an expenditure of \$95,000 including the extension of the coal platform and the construction of a flume.

BRIDGE PLANS APPROVED.

Final plans for the bridge to span the Putah Creek, between Solano and Yolo counties, on the state highway have been approved by the Board of Supervisors. The bridge will be of steel construction with reinforced concrete approaches and abutments. Bids will be called for at once. The bridge will cost in the neighborhood of \$140,000.

SEWERS FOR NAPA.

NAPA, Napa Co., Cal.—The City Council has passed resolutions of intent for a new sewer system for the Alta Heights District. Resolution of intent, providing for a 16-inch sewer in First street, to connect with a sewer to be constructed in the new reinforced concrete bridge on First street was also adopted.

IMPROVEMENTS FOR MARIN CO.

SAN RAFAEL, Marin Co., Cal.—At the last meeting of the Board of Supervisors many improvements to be made about the county were decided upon. Among them are the construction of concrete bridges for which \$20,000 will be expended; \$35,000 for the Black Point Cutoff, and \$33,000 for the construction of several roads and streets.

BIG SHIPMENT OF STEEL ARRIVES AT NAPA YARD.

VALLEJO, Solano Co., Cal.—Two hundred tons of steel plates for construction and repair work has arrived

at the Navy Yard. These plates will be used as a general stock, which has been considerably depleted by the large amount of repair work which has been undertaken lately.

TUNGSTEN DEPOSITS.

The tungsten resources of the United States are probably considerably larger than have been generally realized. Many new deposits have been discovered in various parts of the Western States, according to the United States Geological Survey, and, should prices advance, it is probable that the output could soon be increased much above the record year of 1910, when 1,821 tons were marketed. Most of these new discoveries are not sufficient developed to show how large an output can be expected from them; but it is probable that some will prove to be of considerable extent, and one or two new large producers would make a noticeable difference in the American market. Similar discoveries may also be expected in other parts of the world.

SANTA FE SPENDING HALF MILLION ON IMPROVEMENTS.

Bridges and Roadways Being Constructed.

RICHMOND, Contra Costa Co., Cal.—Between \$400,000 and \$500,000 will be spent by the Santa Fe Railroad Company in bettering the conditions of its roadway between this city and Stockton, according to J. E. McNeil, inspector of tracks and roadways.

A rock ballast is to be put down between Richmond and Mather, a station about twenty miles each of Richmond. The same kind of ballast will be laid between Holt and Stockton, a distance of ten miles, and which will cost about \$32,000.

When the ballasting is done the entire valley division of sixty-five miles between Stockton and Richmond will be in first class condition. All the bridges are being strengthened and ninety-five pound rails being substituted for seventy-five pounders. There are about four hundred men employed on the work.

NEW INDUSTRY FOR SAN JOSE.

Potash Factory Buildings Now Under Construction.

SAN JOSE, Santa Clara Co., Cal.—A large factory building for the manufacturing of potash is now under construction five miles north of San Jose. R. A. Franger, President of the Western Grain and Sugar Products Company of Agnew, and a group of San Francisco capitalists are financing the project. Buildings are now under construction on the grounds and the machinery is enroute from the East.

A new giant engine with 18 wheels has been put into use on the government railways. It has no tender, but can store eight tons of coal and 12 cubic yards of water. A super-heater sends to the cylinders steam at a heat of 350 degrees centigrade. Its speed is 70 miles an hour.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL OUTLETS.

CANAL OUTLETS, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Malta, Mont., until 2 p. m. **October 13, 1914**, for construction of Nelson reservoir outlet canals, dikes and controlling works, involving about 47,500 cubic yards of earth excavation, 1,200 square yards of rock paving and 900 cubic yards of reinforced concrete. The work will extend about 10 miles north of Ashfield Station on the main line of the Great Northern Railway. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., September 18, 1914.—**SEALED PROPOSALS** will be opened in this office at 3 P. M., **October 7, 1914**, for construction and installation of a new United States Subtreasury at San Francisco, Cal. Drawings and specifications may be obtained at this office, in the discretion of the Supervising Architect, O. WENDEROTH, Supervising Architect.

COUNTY OF KERN.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS addressed to the Board of Supervisors and endorsed "Proposals For The Construction of a 50,000 Volt Transmission Line," approximately 9½ miles in length, between the Pacific Light and Power Corporation's Indian Creek Switching Station, Section 27, Township 30 South, Range 33 East, and the County Quarry at Keene, Sections 20 and 21, Township 31 South, Range 32 East, M. D. 3, & M., will be received by the Board of Supervisors of Kern County, California, at their office in the County Court House, until 10 o'clock A. M. on **October 7th, 1914**, and at that time and place will be publicly opened and read.

Plans, specifications and blank forms of proposal for said work and all necessary information may be obtained at the offices of the Pacific Light and Power Corporation, 624 Pacific Electric Building, Los Angeles, California. All proposals must be made on said blank forms, must give the price proposed, both in writing and figures, and must be signed by the bidder, with his address. The phraseology of the proposal must not be changed and any alteration made by the bidder will make the proposal informal and liable to rejection.

Each proposal must be accompanied by a certified or cashier's check, amounting to at least ten (10) per cent of the aggregate amount of the bid, payable to the order of the Chairman of the Board of Supervisors of Kern County; such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-half (½) of the amount of the contract, and a further bond in a sum equal to one-quarter (¼) of the amount of the contract will be required for the security of material men and laborers. The sureties on both bonds must be approved by the Board of Supervisors.

The bidder to whom the contract may be awarded will be required to appear at the office of the said Board of Supervisors with the sureties offered by him and execute a contract within ten (10) days after it is awarded to him. In case of failure or neglect to

do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Supervisors, be forfeited to the County of Kern.

The Board of Supervisors reserves the right to reject any or all proposals.

BOARD OF SUPERVISORS OF KERN COUNTY.

By J. M. BUSH, Chairman Pro tem.

I. L. MILLER, Clerk.

By F. E. HIGHT, Deputy Clerk. (*)

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. **October 13, 1914**, for the construction of Nelson reservoir outlet canals, dikes and controlling works, involving about 47,500 cubic yards of earth excavation, 1,200 square yards of rock paving and 900 cubic yards of reinforced concrete. The work is situated about 1½ miles north of Ashfield Station on the main line of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR \$68—Proposals for Steel, Wire, Cable, Files, Drill Sleeves, Stocks and Dies, Taps, Twist Drills, Hoes, Metallic Tapes, Manila Rope, Rubber Packing, Cotton Sheet-Pile, Cotton Canvas, Coal Tar, Linseed Oil, Japan Drier, Orange Shellac, Varnish, Burnt Umber and Acetone.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. **September 30, 1914**, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 858) may be obtained from this office or the office of the assistant purchasing agent, 108 North Point street, San Francisco, Cal.; also from the engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WATER HEATER.

WATER HEATER—Sealed proposals indorsed "Proposals for Filtering Feed-Water Heater" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. **October 3, 1914**, and then there publicly opened, for furnishing and installing feed water heater at the naval hospital, Las Animas, Colo. Specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR COAL PLATFORM.

COAL PLATFORM AND FLUME—Sealed proposals indorsed "Proposals for Extension of Coal Platform and Flume" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. **October 10, 1914**, and then there publicly opened, for extension in coal platform and flume at the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau or to the officer in charge, naval coal depot, San Diego, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS FOR STEEL.

STEEL U. S. Engineer Office, Room 707, Army Building, New York, N. Y.—Sealed proposals for structural steel

for Philippine Island will be received **October 1, 1914**, and then publicly opened. Information on application, S. W. ROESSLER, colonel, engineers.

NOTICE TO CONTRACTORS. at this office until 12 o'clock m. Sep-

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock, noon, **Monday, October 13th, 1914**, said bids then day, **October 13th, 1914**, said bids then day, and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as **Cottage for Epileptic Girls**, Sonoma State Home, Eldridge, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the entire work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten (\$10) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Cottage for Epileptic Girls, Sonoma State Home, Eldridge, California."

(Signed) W. F. McCURE,
State Engineer.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until the times hereinafter noted, at which times they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

Until 2 o'clock P. M., October 5, 1914. Humboldt County from Shively to Jordan Creek (I-Hum-1-D), about 3.7 miles in length, to be graded.

Humboldt County from Loleta to Beatrice (I-Hum-1-G), about 4.3 miles in length, to be graded.

Alameda County from the easterly county boundary to Altamont (V-Ala-5-A), about 3.9 miles in length, to be built of Portland cement concrete.

San Luis Obispo County from San Luis Obispo to Cuesta (V-S. L. 2-D), about 3.6 miles in length, to be graded.

Santa Barbara County from Zaca Station to Los Alamos (V-S. B. 2-C), about 2.7 miles in length, to be built of Portland cement concrete.

Imperial County from Myers Creek to Coyote Wells (VII-imp-12-A), about 6.0 miles in length, to be built of Portland cement concrete.

Until 3:30 o'clock P. M., October 5, 1914. San Luis Obispo County from Atascadero Creek to Paso Robles (V-S. L. 2-B), about 6.0 miles in length, to be built of Portland cement concrete.

Sacramento County from Polson to the easterly county boundary (III Sac-1-A), about 6.8 miles in length, to be built of Portland cement concrete.

Solano County from Vacaville to Bayview (H-Sol-7-D), about 8.2 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Divide to Orcutt (V-S, 12-2-A), about 3.6 miles in length, to be built of Portland cement concrete.

Santa Barbara County from Stony Creek to El Capitán Creek (V-S, B-2, 1), about 10.2 miles in length, to be graded.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the Division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. E. BAXEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,

California Highway Commission.

AUSTIN E. FLETCHER,

Highway Engineer.

CHARLES C. CARLETON,

Acting Secretary.

Dated Sept. 2, 1914.

Sept. 10-17-24, Oct. 1

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 215, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Thursday, October 1, 1914, for Chestnut Street Exits, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

HEAVIEST OFFICE BUILDING IN THE WORLD.

The Equitable building, now under construction in New York City, will be the heaviest office building in the world, as well as one of the highest, the weight of the steel alone being about 33,000 tons. This building covers a ground area of 160 by 312 feet. When completed it will tower 500 feet above the street and will extend about 65 feet below street level at its lowest point. It will contain 36 stories and in addition to these there will be two mezzanine floors. The steel erection was made particularly difficult by the network of timber bracing that it was necessary to put in to hold the basement retaining walls until steelwork could be installed to take its place. The heaviest piece of steel to be handled was a column weighing 32 tons.—Popular Mechanics.

INCORPORATIONS.

Sholly Investment Co. Capital Stock, \$10,000; subscribed, \$30; shares, \$10 each. Directors—C. E. Hoffman, C. M. Cross, E. E. Hoffman, 1 share each. Place of business, San Francisco.

Philippine Mercantile Co. Capital Stock, \$5000, subscribed, \$15; shares, \$5 each. Directors—L. Lerda, W. Padillo, S. M. Valenzuela, 1 share each. Place of business, San Francisco.

California Street Realty Co. Capital Stock, \$75,000; subscribed, \$30; shares, \$10 each. Directors—J. A. Greunan, H. Clifford, W. B. Ryder, 1 share each. Place of business, San Francisco.

COST, CLASSIFICATION AND NUMBER OF BUILDINGS ERECTED FROM MAY 1906, TO AUGUST 31, 1914.

As Reported By The Board of Public Works.

Class	No. of Bldgs.	Cost
Class "A"	176	\$ 33,255,004
Class "B"	199	14,679,186
Class "C"	2758	82,212,868
Frames	25484	96,833,844
Alterations	23653	18,549,738
Exposition Bldgs	65	9,427,277
Public Bldgs	8	4,277,663
Total	52,343	\$259,335,580

ARCHITECT'S CERTIFICATE.

Sept. 21, 1914.—John A. Porporato (record, 1 Architect's Certificate, 9) has filed his certificate of architecture for San Francisco County....

SISSON, Siskyou Co., Cal.—Sisson Aerie, F. O. E., has purchased two lots just north of the City Hall and will commence work in the near future on a two-story modern lodge building. The first floor will be used as an opera house, with a large stage, dressing rooms and seating capacity of 500. A maple floor will be used in the assembly hall. There will be a steam heating system installed. The building is estimated to cost about \$15,000. RED BLUFF, Tehama Co., Cal.—The Brown & Doane Lumber yard has been destroyed by fire causing a loss of over four million feet of lumber. The fire is believed to have been of incendiary origin.

CHICO, Butte Co., Cal.—County Engineers M. C. Folk of Butte county and Stile of Glenn county have started the investigation for a suitable site of the proposed ferry, which is being asked for by residents on both sides of the river. The engineers decided that the site at Monroeville, if selected, would never be in any danger of disruption by any change in the course of the river's bed. Dead Man's Landing, a little south of Monroeville, will probably be the next site investigated.

GRASS VALLEY, Nevada Co., Cal.—The interior of the Grass Valley new Federal Building is to be thoroughly fireproofed, which will cost \$5,000 and which was not included in the general contract. The new improvements will increase the cost of the building to \$50,000.

OAK PARK, Sacramento Co., Cal.—Mount Elwell, which lies nine miles south of this city, is to be equipped with a lookout station. Forest Supervisor D. N. Rogers is in receipt of the building materials and work will be started immediately. The structure will be entirely galvanized iron and securely anchored at the top of the mountain. This will be the only lookout station in this section.

Nearest to Everything



POWELL ST. AT O'FARRELL

Best located and most popular hotel in the City; circulating ice water in every room.

Especial attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management.

Chester W. Kelley

MERIDIAN, Sutter Co., Cal.—The Alameda Sugar Company, which owns a vast acreage in this section, is altering its irrigation system. Irrigation pipes are being taken up and sunk deeper into the ground. Surveys are being made for a new drainage system for the property.

VACAVILLE, Solano Co., Cal.—There has been received in Vacaville three carloads of structural steel to be used by the Southern Pacific Company in the construction of a steel bridge across Ulatas Creek to replace the wooden bridge which was destroyed recently.

SACRAMENTO, Sacramento Co., Cal.—The latter part of this month plans for a new County Hospital, to cost about \$500,000, will be submitted to the Board of Supervisors by Architect K. A. Herold, who was given the contract to prepare plans.

To enable firemen to work in smoke and gases a Colorado man has invented a device to be attached to hose nozzles in which water rotates a fan and pumps fresh air through tubes into face masks.

In a flameless, incandescent gas burner of European invention the gas is forced into a porous disk within which it burns.

The pump of a new rotary, gasoline driven fire engine consists of only two

gears, three casing, two inlet and two outlet valves occupying the space beneath the driver's seat of an automobile.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, James Welsh, 244 20th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue north of California street and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with some elm panels and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—3 story and base, frame and plaster, \$19,000. San Francisco. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected at the foot of 32nd avenue, commanding one of the finest marine views in California. The dwelling will contain eighteen rooms, six baths and a private garage. Interior will be finished in hardwoods and white enamel. Hardwoods floors will be used in the principal rooms. Plans provide for steam heat, a hot water system, vacuum cleaning and open fire places. Mantels will be of tile and brick. All oath rooms will have tile wainscot and floors. Exterior of the house will be covered with cement plaster on metal lath. Plans have been out for figures, Edward Zinkand submitting the lowest figure on the general construction at \$18,120. He will probably be awarded the work. A complete list of the figures received will be found under the head of San Francisco in this issue.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with bath, and will be erected on the east side of Arguello Boulevard south of Carl street. Pine and redwood interior finish will be used. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Bath room will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, E. R. Hayden. The dwelling will be erected on the east side of 17th avenue south of Rivera, and will contain seven rooms and bath. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for open fire

places and tile or brick mantels. Tile wainscot will be used in the bath room. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Milton Lichtenstein, 111 Ellis street, S. F. Owner, Rebecca Tucker. The building will be erected at the northwest corner of Eush and Gough streets and will cover an area of 30 by 100 feet. Interior has been arranged for fifteen suites of three and four rooms. Pine and hardwood finish will be used. Oak floors will be used in the living and dining rooms. Plans provide for steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and shingles. Plans are complete and figures have been taken under advisement.

HOTEL—3 story and base. Class C construction, \$15,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owners, San Francisco Investment Co., Clunie Bldg. The building will be erected on Third street at the corner of Taber Place, and will cover an area of 47 by 67 feet. There will be one store on the first floor besides the entrance to the hotel rooms. Upper floors will contain a total of 43 rooms. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Bath rooms will be finished in tile with composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SUBTREASURY. METAL VAULT EQUIPMENT—Cost not stated. San Francisco. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and figures are being taken for furnishing and installing the metal vault equipment for the new United States Subtreasury building. Plans and complete information can be secured from the Supervising architect. Bids will be opened on October 7th in Washington, D. C.

CAR BARN—1 and 2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The City Department of Engineering is now going over the steel drawings for the new Potrero Street Car Barns and reports that the same will be completed within a few days. Bids will be called for in the course of the next three weeks. Further mention will be made in these columns at that time.

RESIDENCE GARDENS AND GARAGE—Frame construction, \$7,500.

San Francisco. Architect, Willis Polk, Hobart Bldg., S. F. Owner, Mrs. Katherine Hooker. The owner has recently completed a handsome city home on the south side of Pacific avenue near Walnut, and now has had plans prepared for formal gardens with a fountain and other concrete work. A private garage of frame and plaster construction will also be erected on the property. Plans and specifications for this work are complete and figures are now being taken.

STORES—1 story and base, brick and steel, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, J. Gendotti. The building will be erected at the corner of Hayes and Octavia streets, covering an area of 39 by 120 feet. There will be six stores. Interior finish will be of pine throughout. A full basement will be built. Patent store fronts and plate glass windows are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

DRY DOCK CONSTRUCTION—\$500,000 or more. San Francisco. Engineer, Union Iron Works, S. F. Owners, Union Iron Works. Actual work on the big dry dock project at Hunter's Point is to be undertaken without further delay. The Union Iron Works will, through their local office, receive figures for such portions of the work as they are not equipped to carry out. This work will include the concrete principally. About \$500,000 will be expended on the dry dock, while several buildings will also be erected, which will cost about \$250,000.

CHURCH—2 story and base, frame and plaster, \$15,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. Contractor, Chas. Koenig, 3525 19th street, S. F. general construction only. Contract price, \$15,000. Art glass, painting and heating not included.

PLATS—2 story and base, frame, \$10,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. The building will be erected at the corner of Lyon and Union streets and has been designed to contain two large flats of five and six rooms. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. The wainscot and floors will be used in the bath rooms. Steam heat will be installed. There will be open fire places and tile or brick mantels. A private garage will occupy the basement. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, William Koenig, 750 Parnassus avenue, S. F. The dwelling will be erected at the northwest

corner of Ashbury and Congress streets, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

EXPOSITION SCHOOLS—1 and 2 story, frame and plaster. Cost not stated. San Francisco. Architects, W. H. Weeks, 75 Post street, S. F., associated with Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Panama-Pacific International Exposition Co. Architects Norman F. Marsh and W. H. Weeks have been appointed a commission to prepare plans for model school buildings to be erected on the grounds of the Panama-Pacific Exposition. The work will be done under the direction of the commissioner of education of the exposition. It is planned to remodel a school building now on the Exposition site and to erect a domestic science building, a manual training building and a model rural school building. The task of designing the last three named buildings has been assigned to Mr. Marsh. It is the intention to make these schools a feature of the educational exhibit of the Exposition. School will be conducted daily and the buildings will be open to the public, the object being to illustrate in a practical manner advanced methods of education.

Contracts Awarded.

CONCESSION BUILDING—1 story, frame and plaster, \$10,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Contractors, Strehlow, Freese & Peterson, S. F. Contract price, \$10,000.

MISSION HOME—3 story and base. Class C construction, \$25,000. San Francisco. Architect, Robert Orr, Van Nuys Bldg., L. A. Owners, Board of Women's Home Missions. Contractors, Gaspard & Hammon, Sharon Bldg., S. F. Contract price, \$25,000.

Close Estimates By Local Contractors.

Architect John Davis Hatch Receives Five Close Figures For Handsome New City Residence.

Architect John Davis Hatch, Humboldt Bank Bldg., recently opened figures for the construction of a handsome three-story and basement frame and plaster residence which is to be erected at the west end of Thirty-second avenue on the slope overlooking San Francisco Bay and commanding one of the finest marine views in California. The dwelling will contain eighteen rooms and six baths besides a private garage. All interior finish will be of hardwoods. Five representative firms figured the work, the closeness of

their bids furnishing an interesting comparison. The average of the five figures was \$19,517. The two highest men were within \$11 of each other, while the two low men were within \$98 of each other. A third bidder was almost at the exact average. The figures submitted follow:

Eighteen Room Residence.			
Bidder	Total	Rough- Finish	ing in Plaster-
Finn Anderson.....	\$19,639	\$11,171	\$800
H. Glaze.....	20,870	12,737	530
Joel Johnson.....	18,200	No bid	950
A. D. Nelson.....	20,826	11,542	300
Edward Zinkand.....	18,120	10,633	505

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.
3204	Cullinan.....	Gordon	707
3205	Bohls.....	McBarnes	400
3206	Un Iron Works.....	Owner	400
3207	Harris.....	Dunn	400
3208	Jenkins.....	Arnold	400
3209	Hulen.....	Newton	450
3210	Biereck.....	Hau	500
3211	Burns.....	Quinn	500
3212	Mosich.....	Kusch	500
3213	Mariposa.....	Brunswick	400
3214	Sermat.....	Page	400
3215	Jolliffe.....	Jolliffe	10009
3216	Fireman's Fund.....	Scott	1630
3217	Kenney.....	Kern	4350
3218	Corcoran.....	Hanson	1450
3219	Cademartori.....	Cuneo	1200
3220	Molinari.....	Molinari	2450
3221	Sperry.....	McKillican	400
3222	Gregg.....	Gregg	2200
3223	Holbrook.....	Johnson	1115
3224	Grosh.....	Parquet	500
3225	Sheehan.....	Turner	5386
3226	Shockley.....	Sunset	2346
3227	Wilson.....	Nicoll	400
3228	Omen.....	Omen	600
3229	Mahony.....	Mahony	400
3230	Tallant.....	Snook	516
3231	McKeough.....	McKeough	450
3232	Omen.....	Omen	600
3233	Bevelock.....	Jarvis	700
3234	Hewitt.....	Todhunter	400
3235	Morrill.....	Hamerton	400
3236	Berson.....	Kidwell	400
3237	Welsh.....	Welsh	4000
3238	Nelson.....	Nelson	2500
3239	Sperry.....	Segursion	1300
3240	Fitzwater.....	Fitzwater	1500
3241	S P Co.....	Van Sant	78194
3242	Scowcroft.....	Franz	6535
3243	St-in.....	Cohurn	6630
3244	Lansfield.....	Smith	1000
3245	S P Co.....	Swenson	550
3246	Omen Oil Co.....	Owner	600
3247	Flood.....	Rednall	6587
3248	Bradbury.....	Cal Pl Gl Co	1080
3249	Same.....	Hetty	1995
3250	Same.....	Seibert	1753
3251	Same.....	McLeod	5240
3252	Same.....	Knowles	3700
3253	Same.....	McCowan	6648
3254	Same.....	Musto	1007
3255	Same.....	Crown	1990
3256	Same.....	W'n Iron	4800
3257	Same.....	Johanson	1750
3258	Gilson.....	Kloos	1000
3259	Koenig.....	Koenig	4000
3260	Rutishauer.....	Brumfield	500
3261	Clifford.....	Clifford	400
3262	Heut.....	Hout	400
3263	Yates.....	Yates	3800
3264	Marymount.....	Pegel	3250
3265	Schroeder.....	Etherton	4156
3266	Hind.....	Ruderman	1250
3267	Nold.....	Denke	4975

PAINTING

(3204 S TWENTY-FIRST 58-9 E Fair Oaks E 58-9xS 122 M B 75. Painting, tinting and wall papering for frame residence.

Owner.....Eustace Cullinan, 3134 21st San Francisco.
Architect...Leo J. Devlin, Pacific Bldg. San Francisco.
Contractor...C. E. Gordon, 1233 Pierce, San Francisco.

Filed Sept. 21, '14. Dated Sept. 2, '14.
1st coat on inside and outside.....\$200
Completed and accepted..... 327

Usual 55 days 150
TOTAL COST, \$707
Bond, \$360. Surety, The Southwestern Surety Insurance Co. Limit, 12 days after building ready for painter. Forfeit, \$5. Plans and specifications filed.

FIRE REPAIRS

(3205) NOS. 1539-91 HAIGHT. Repair fire damages.
Owner.....John Bohls, 1738 Fell, San Francisco.
Architect...None.
Contractor...A. McBarnes, 1536 Haight, San Francisco.
COST, \$400

BLOW PIPE

(3206) — TWENTIETH 360 E Michigan. Erect 18 inch blow pipe.
Owner.....Union Iron Works, Prem.
Architect...None.
Day's work, COST, \$400

REPAIR CIGAR STAND

(3207) NO. 160 O'FARRELL. Repair cigar stand.
Owner.....Chas. Harria and Neil Dunn, Gaiety Theatre.
Architect...Mathew O'Brien, 63 Post, San Francisco.
Day's work, COST, \$400

ALTERATIONS

(3208) NO. 2451 GREENWICH. Shingle dwelling, tinning and painting.
Owner.....Miss Jenkins, Premises.
Architect...None.
Contractor...H. W. Arnold, 227 Chattanooga, San Francisco.
COST, \$400

ALTERATIONS

(3209) NO. 2635 BRODERICK. Construct observation room.
Owner.....Mrs. Reba C. Hulen, Prem.
Architect...None.
Contractor...H. E. Newton, 4328 20th, San Francisco.
COST, \$850

RETAINING WALL

(3210) N JERSEY 25 E Church. Construct retaining wall.
Owner.....Mrs. Biereck, Premises.
Architect...None.
Contractor...C. C. W. Haun, 180 Jessie, San Francisco.
COST, \$500

ADDITION

(3211) NO. 278 CUMBERLAND. Add 2 rooms and porch.
Owner.....P. J. Burns and Mrs. T. M. Waller, 4158 24th, S. F.
Architect...None.
Contractor...Joe Quinn, Noe near 16th, San Francisco.
COST, \$500

ADDITIONS

(3212) NO. 42 SEVENTH. Construct 6 booths in restaurant.
Owner.....M. Mosich, 75 Moose, S. F.
Architect...None.
Contractor...Kusch & Spiletak, 1488 Vallejo, San Francisco.
COST, \$500

REPAIR SALOON

(3213) NO. 210 KEARNY. Repair saloon.
Owner.....Mariposa Bar, Premises.
Architect...None.
Contractor...Brunswick, Balke, Colender Co., 765 Mission, San Francisco.
COST, \$400

REPAIR AND ALTER DWELLING

(3214) NO. 117 SADOWA. Repair and alter dwelling.

Owner.....J. Scmattei, Premises.
Architect...None.
Contractor...C. W. Page, 12 Sadowa, San Francisco.

COST, \$400

FRAME APARTMENTS

(3215) W HYDE 137-6 S California. Three-story and basement frame (6) apartments and stores.

Owner.....Harriet Jolliffe, 1840 Broadway, San Francisco.
Architect...J. R. Miller, 212 Lick Bldg., San Francisco.

Day's work. COST, \$10,000

NOTE:—Joh is started.

HEATING SYSTEM

(3216) SW CALIFORNIA & SANSOME W 87-88 S 7-6. Heating system for brick, terra cotta and steel building. Owner.....Fireman's Fund Insurance Co., Insurance Exchange Bldg., San Francisco.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...Scott Co., 243 Minna, S. F. Filed Sept. 22, '14. Dated Sept. 14, '14.

On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$1630

Bond, \$815. Surety, Chicago Bonding & Surety Co. Limit, Oct. 1, 1914 without radiators. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(3217) N CASELLI AVE 50 W Clover Alley W 52xN 121. Excavation, concrete, lumber, mill, stairs, lath, plaster, plumbing, gas fitting, roofing, mantels, glazing for two-story and basement frame flats.

Owner.....John J. Kenney.
Architect...David C. Coleman, Merchants Bank Bldg., S. F.
Contractor...Chas. J. Kern Co., 3885 18th, San Francisco.

Filed Sept. 22, '14. Dated Sept. 19, '14.

Frame up\$1075
Inside brown coated..... 1075Completed and accepted..... 1075
36 days after..... 1075

TOTAL COST, \$4300

Bond, \$2150. Surety, The Aetna Accident & Liability Co. Limit, 75 days. Forfeit, \$3. Plans and specifications filed.

FRAME BUILDING

(3218) SE KANSAS AND 18TH E 37x S 22. All work for one-story frame building.

Owner.....Mrs. D. Corcoleotes and Mary Millas, 2027 18th, San Francisco.

Architect...None.
Contractor...F. A. Hansen.

Filed Sept. 22, '14. Dated Sept. 16, '14.

No payments given.....

TOTAL COST, \$1450

Bond, none. Limit, 24 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(3219) W BAUER 275 — Mission N 26-1x E 101-34. All work except window shades, finish hardware, gas fixtures, concrete on floor of basement for one-story frame residence.

Owner.....Luigi Cademartori.
Architect...None.

Contractor...Dehondetti & Cunco, 20 Cotter, San Francisco.

Filed Sept. 22, '14. Dated Sept. 22, '14.

Brown coated.....\$100
Completed and accepted..... 400

Usual 35 days..... 400

TOTAL COST, \$1200

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(3220) S GREENWICH 117-6 E Powell. Two-story and basement frame dwlg
Owner.....P. G. Molinari, 663 Greenwich, San Francisco.Architect...None.
Contractor...P. Molinari, 663 Greenwich, San Francisco.

COST, \$2450

REPAIRS

(3221) NO. 2535 LAGUNA. Repair roof and painting and tinting dwlg.
Owner.....A. Sperry, 2100 California, San Francisco.

Architect...N. Blaisdell, 255 California, San Francisco.

Contractor...R. McKillican, 180 Jessie, San Francisco.

COST, \$400

FRAME DWELLING

(3222) E NEWTON 150 S Morse. Two-story frame dwelling.

Owner.....Walter Gregg, 2907 Mission, San Francisco.

Architect...None.
Day's work. COST, \$2200

ADDITION

(3223) N PACIFIC AVE 37-6 E Pierce N 127-8½x E 55. Erection of new sun room at rear of second story of house
Owner.....Mrs. H. M. Holbrook, 2520 Pacific Ave., S. F.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...J. Harold Johnson, 740 9th, San Francisco.

Filed Sept. 23, '14. Dated Sept. 18, '14.

36 days afterBalance
Completed and accepted.....\$826.25

TOTAL COST, \$1115.00

Bond, \$600. Surety, The Aetna Accident & Liability Co. Limit, Nov. 25. Forfeit, \$5. Plans and specifications filed.

FLOORING

(3224) N SUTTER 100 W Powell. All 5-16 oak flooring in dining room, writing room, lounging room and office of Grosh Hotel Building.

Owner.....M. D. Grosh, E. G. Larzere and Louise M. Sare, Mills Bldg., San Francisco.

Architect...N. W. Sexton, Chronicle Bldg., San Francisco.

Contractor...Parquet Floor Co.

Filed Sept. 23, '14. Dated Aug. 28, '14.

On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$300

Bond, \$250. Surety, Pacific Coast Casualty Co. Limit, Sept. 5, 1914. Forfeit, \$10. Specifications only filed.

FRAME DWELLING

(3225) E TWENTY-SIXTH AVE 70 N West Clay N 30x E 80. All work except plumbing and heating for two-story and basement dwelling.

Owner.....J. Sheehan, 49 Grant Ave., San Francisco.

Architect...Albert Farr, 68 Post, S. F.
Contractor...R. L. Turner, 3137 Peralta Ave., Oakland.

Filed Sept. 23, '14. Dated Sept. 21, '14.

Roof sheathing in and chimney completed\$1000

Ready for lathing..... 1000
Plastering and exterior mill work done and 50% of interior mill work done 1000
Completed and accepted..... 1039
Usual 35 days..... 1347

TOTAL COST, \$5386

Bond, \$2693. Sureties, Chas. Buchholz and Arthur R. Slater. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

STREET WORK

(3226) TWENTY-SECOND AVE., bet. Kirkham and Lawton and crossings of 22nd Ave and Kirkham. Redwood curbs, a pavement of broken rock on roadway and side walks, iron stone pipe sewers and manholes.

Owner.....Wm. A. Shockley.
Architect...None.

Contractor...Sunset Constr. Co., 62 Post, San Francisco.

Filed Sept. 23, '14. Dated Sept. 16, '14.

60 days after completed..... 50%
60 days after 1st payment..... 50%

TOTAL COST, \$2340

Bond, \$1170. Surety, Chicago Bonding & Insurance Co. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

ALTERATIONS

(3227) NO. 251 POST. Minor changes on loft.

Owner.....N. Wilson, Premises.
Architect...None.

Contractor...N. C. Nicoll, 210 4th Ave., San Francisco.

COST, \$400

SUPPLY STATION

(3228) SW GEARY AND NINTH AVE. One-story steel supply station.

Owner.....Omen Oil Co., 406 Golden Gate Ave., San Francisco.

Architect...None.
Day's work. COST, \$600

REPAIR SIDE WALK

(3229) NW MONTGOMERY & PINE. Repair sidewalk.

Owner.....Mahony Bros.
Architect...None.

Day's work. COST, \$400

TANK

(3230) NO. 610 GEARY. Construct 3000 gallon tank with No. 12 galvanized iron bottom.

Owner.....Geo. P. Tallant, 2901 Pacific Ave., San Francisco.

Architect...G. A. Applegarth, Call Bldg., San Francisco.

Contractor...Fred W. Snook Co., 596 Clay, San Francisco.

COST, \$516

ALTERATIONS AND REPAIRS

(3231) NO. 473 ELEVENTH AVE. Repair porch and minor changes.

Owner.....A. C. McKeough, Premises.
Architect...None.

Day's work. COST, \$450

AUTO SUPPLY STATION

(3232) NW MARKET AND 15TH. One-story steel auto supply station.

Owner.....Omen Oil Co., 406 Golden Gate Ave., S. F.

Architect...None.
Day's work. COST, \$600

REPAIRS AND ALTERATIONS

(3233) NO. 104 SAN JOSE AVE. Repair and alter dwelling.

Owner.....L. M. Bevelock, Premises.
Architect...None.

Contractor, J. McI. Jarvis, 3611 24th, San Francisco.

COST, \$700

ADDITION

(321) NO. 1440 FILBERT. Add one room.

Contractor, Mrs. A. Hewitt, 2601 Larkin, San Francisco.

Contractor, Geo. C. Todhunter.

COST, \$400

BATH ROOM

(322) NO. 42 JORDAN AVE. Add bath room to dwelling.

Contractor, Mrs. Morrill, Premises.

Contractor, Wm. C. Hamerton & Son, 1301 Waller, S. F.

COST, \$400

ALTERATIONS

(323) V. FILLMORE 50 S Golden Gate Ave. Alter front and interior.

Contractor, G. Berson, Premises.

Contractor, Geo. C. Kidwell, 2020 Howard, San Francisco.

COST, \$400

HOME RESIDENCE

(324) E TWENTY-SECOND AVE 175 N. California. Two-story and basement frame residence.

Contractor, James Welsh, 244 20th Ave., San Francisco.

Contractor, None.

COST, \$4000

HOME DWELLING

(325) E ARGUELLO BLVD. 94 S Carl. Two-story and basement frame dwlg.

Contractor, F. Nelson, 30 Presidio Terrace, San Francisco.

Contractor, None.

COST, \$2500

HOME SHOP

(326) N PAGE 165 W Gough. One-story frame shop.

Contractor, W. Sperry, 372 Oak, S. F.

Contractor, None.

COST, \$1200

HOME DWELLING

(327) N LIBERTY 180 W Sanchez. Two-story and basement frame dwlg.

Contractor, John S. Fitzwater, 432 Liberty, San Francisco.

Contractor, None.

COST, \$1500

DEPT

(328) THIRD AND TOWNSEND. Umbrella sheds at Arcade Depot Los Angeles and 3rd and Townsend Street dot in San Francisco. Los Angeles shed, \$32,011.20; S. F. shed, \$46,150.

Contractor, Southern Pacific Co., Flood Bldg., San Francisco.

Contractor, None.

Contractor, Van Sant-Houghton Co., 503 Market, S. F.

Filed Sept. 24, '14. Dated Aug. 31, '14.

Usual 35 days..... 75%

TOTAL COST, \$78,194.70

Bond, \$39,100. Surety, New England Casualty Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(3242) EXPOSITION SITE. All work except ornamental plaster for Australasian Cannibal village.

Owner, Albert Scowcroft & Chas. Ziemer, Ogden.

Architect, A. J. Bain, Phelan Bldg., San Francisco.

Contractor, Val Franz and Fred R. Fisher, 185 Stevenson, S. F.

Filed Sept. 24, '14. Dated Sept. 2, '14.

1/2 work finished..... \$1633.75

3/4 work finished..... 1633.75

Completed and accepted..... 1633.75

Usual 35 days..... 1633.75

TOTAL COST, \$6535.00

Bond, \$3268. Surety, National Surety Co. Limit, 60 days after Sept. 15.

Forfeit, none. Plans and specifications filed.

CLASS "C" BUILDING

(3243) E LARKIN 87-6 S Post S 50x87-6. All work except finish hardware and electric fixtures for one-story Class "C" Building.

Owner, M. Stern.

Architect, Alfred N. Jacobs, 108 Sutter, San Francisco.

Contractor, Ira W. Coburn, Hearst Bldg., San Francisco.

Filed Sept. 24, '14. Dated Sept. 24, '14.

Brick work completed and roof on..... \$2486.25

Completed and accepted..... 2486.25

Usual 35 days..... 1657.50

TOTAL COST, \$6630.00

Bond, \$3315. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

INTERIOR WORK

(3244) N SANTA YNEZ 100 E Delano. Install interior wood finish, rough and finish plumbing, electric wiring patent chimneys, plastering and cement work in basement.

Owner, Wm. Lansfield, 115 Valencia, San Francisco.

Architect, None.

Contractor, Smith Bros., 56 Delano, San Francisco.

COST, \$1000

ALTERATIONS

(3245) NO. 50 SANSOME. Remove elevator and alter store.

Owner, Buckbee, Thorne & Co.

Architect, None.

Contractor, Swenson & Franzen, 230 Tehama, San Francisco.

COST, \$550

SUPPLY STATION

(3246) E STUART 80 S Market. One-story steel frame supply station.

Owner, Omen Oil Co., 406 Golden Gate Ave., S. F.

Architect, None.

Day's work..... COST, \$600

FRAME FLATS

(3247) E BAKER 125 S Filbert S 25 x E 100. All work for two-story, attic and basement frame flats.

Owner, Mabel A. Flood, 2659 Filbert, San Francisco.

Architect, None.

Contractor, W. W. Rednall, 2500 Filbert, San Francisco.

Filed Sept. 25, '14. Dated Sept. 24, '14.

Roof on and building enclosed..... \$1650

1st coat plaster on..... 1640

Completed..... 1640

Usual 35 days..... 1655

TOTAL COST, \$6585

Bond, \$3292.50. Sureties, Thos. Douglas and L. B. Dunn. Limit, 90 days. Forfeit, \$4. Plans and specifications filed.

CLASS "C" STORES & APARTMENTS

(3248) NW POLK AND CALIFORNIA W 56-8 N 87-6 W 25 N 25 E 81-3 S 112-6. Glazing for four-story Class "C" stores and apartments.

Owner, Bradbury Estate Investment Company.

Architect, Zanollini & Jewett, 604 Montgomery, S. F.

Contractor, California Plate & Window Glass Co., 864 Mission, San Francisco.

Filed Sept. 25, '14. Dated Sept. 12, '14.

Glass for store fronts and skylights set..... \$500

Completed and accepted..... 310

Usual 35 days..... 270

TOTAL COST, \$1080

Bond, none. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed.

(3249) ELECTRICAL WORK ON ABOVE.

Contractor, Hetty Bros., 326 Ellis, San Francisco.

Filed Sept. 25, '14. Dated Sept. 12, '14.

Payments of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1995

Bond, \$998. Surety, Globe Indemnity Co. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed.

(3250) HEATING ON ABOVE

Contractor, Seibert Co., Phelan Bldg., San Francisco.

Filed Sept. 25, '14. Dated Sept. 12, '14.

Roughed in..... \$500

Completed and accepted..... 815

Usual 35 days..... 438

TOTAL COST, \$1753

Bond, \$877. Surety, Maryland Casualty Co. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed.

(3251) PLUMBING AND GAS FITTING ON ABOVE.

Contractor, J. J. McLeod, 1142 Golden Gate Ave., S. F.

Filed Sept. 25, '14. Dated Sept. 12, '14.

Roughed in..... \$1500

Fixtures delivered..... 1000

Completed and accepted..... 1430

Usual 35 days..... 1310

TOTAL COST, \$5240

Bond, \$2620. Surety, Pacific Coast Casualty Co. Limit, Feb. 21, 1915. Forfeit, \$10. Plans and specifications filed.

(3252) PLASTERING AND LATHING ON ABOVE.

Contractor, A. Knowles, 985 Folsom, San Francisco.

Plastering in stores completed..... \$ 500

Brown coated..... 1000

Completed and accepted..... 1275

Usual 35 days..... 925

TOTAL COST, \$3700

Bond, \$1850. Surety, Aetna Accident & Liability Co. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed.

(3253) TERRA COTTA, BRICK WORK, flues, shoring, bulkheading on N concrete wall on above.

Contractor, McGowan & Butler, 180 Jessie, San Francisco.

Filed Sept. 25, '14. Dated Sept. 1, '14.

Basement walls in to bottom of 1st floor joists..... \$ 975.00

1st story walls in place..... 975.00

2nd story walls in place..... 975.00

3rd story walls in place..... 975.00

Completed and accepted..... 1113.37

Usual 35 days..... 1671.13

TOTAL COST, \$6654.50

Bond, \$5,000. Surety, The Aetna Accident & Liability Co. Limit, none. Forfeit, \$10. Plans and specifications filed.

(3254) MARBLE AND MOSAIC WORK on above.

Contractor, Joseph Musto Sons-Keenan Co., 565 North Point, S. F.
Filed Sept. 25, '14. Dated Sept. 24, '14.

Marble and mosaic store fronts
In \$125.00
Completed and accepted..... 630.25
Usual 35 days..... 251.75
TOTAL COST, \$1007.00

Bond, none. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed.

(3255) MISCELLANEOUS SHEET metal work on above.

Contractor, Crown Cornice Works, 186 Shipley, San Francisco.

Filed Sept. 23, '14. Dated Sept. 10, '14.
Light wells lined \$497.50
Cornice and bay windows in place 497.50
Completed and accepted..... 497.50
Usual 35 days..... 497.50
TOTAL COST, \$1990.00

Bond, none. Limit, none. Forfeit, \$10. Plans and specifications filed.

(3256) STRUCTURAL STEEL AND ornamental iron work on above.

Contractor, Western Iron Works, 141 Beale, San Francisco.

Filed Sept. 25, '14. Dated Sept. 5, '14.
Payments 75% as follows:

(1) Steel erected to 2nd floor.....
(2) Completion of bay window frames
Completed and accepted.....
Usual 35 days.....
TOTAL COST, \$4800

Bond, \$4,000. Surety, The Aetna Accident & Liability Co. Limit, Sept. 2, 1914. Forfeit, \$10. Plans and specifications filed.

(3257) EXCAVATION, CONCRETE, carpentry, steel beams, etc., on above

Contractor, J. Eric Johanson, 110 Jesse, San Francisco.

Filed Sept. 25, '14. Dated Sept. 10, '14.
1st floor joists in place..... \$1000
Roof joists on..... 5000
Ready for plaster..... 3000
Completed and accepted..... 4164
Usual 35 days..... 4388

Bond, \$8956. Surety, Pacific Coast Casualty Co. Limit, Feb. 1, 1915. Forfeit, \$10. Plans and specifications filed

ADDITION

(3258) NO. 2875 NINETEENTH. Add 2 rooms and alter front.

Owner.....J. Gilson, Premises.
Architect...None.

Contractor, J. C. Kloos, 391 Valencia, San Francisco.

COST, \$500

FRAME DWELLING

(3259) NW ASHBURY TERRACE & Congress. Two-story and basement frame dwelling.

Owner.....Wm. Koenig, 750 Parnassus Ave., San Francisco.

Architect...None.
Day's work.....

COST, \$4000

ELECTRIC SIGN

(3260) SE VALENCIA AND 17TH. Electric sign.

Owner.....James Rutishauser, Prem.
Architect...None.

Contractor, Brumfield Elec. Sign Co., 18 7th, San Francisco.

FRAME GARAGE

(3261) NO. 2773 BRYANT. One-story and basement frame garage.

Owner.....W. H. Clifford, Premises.
Architect...None.

Day's work.....

COST, \$400

NEW WINDOWS

(3262) NO. 1623 HAIGHT. New windows in store.

Owner.....A. L. Hout, 253 Scott, S. F.
Architect...None.

Day's work.....

COST, \$400

FRAME DWELLING

(3263) E NINETEENTH AVE 232-2 N Clement. Two-story and basement frame dwelling.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.
Contractor, Wm. F. Yates, 335 21st Ave., San Francisco.

COST, \$3800

FRAME RESIDENCE

(3264) S PACIFIC AVE 100 E Octavia E 37-6 S 127 W 50 N 20 E 12-6 N 114-6. Alterations and additions to two-story frame residence.

Owner.....J. Marymount.
Architect...None.

Contractor, Frank Pegel, 366 10th Ave San Francisco.

Filed Sept. 25, '14. Dated Sept. 23, '14.
Ready for plastering..... \$800

Wiring, plastering and basement finished 800

Completed 800

Usual 35 days..... 850

TOTAL COST, \$3250

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(3265) E FOURTH AVE 341-4 13-16 S Cabrillo S 34 m or l to a pt 95 N Fulton NE parallel with Fulton 120 m or l parallel with 4th Ave 20 m or l W 120. All work except electric wiring, brick work, cobble work and heating for two-story and basement frame residence.

Owner.....Lillie Schroeder.
Architect...Alexander A. Cantin, 68 Post, San Francisco.

Contractor, E. E. Etherton, 2455 20th Ave., San Francisco.

Filed Sept. 26, '14. Dated Sept. 24, '14.
Frame up & rafters in place..... \$779.25

Ready for plastering..... 779.25

Plastering and cement stucco completed 779.25

Completed and accepted..... 779.25

Usual 35 days..... 1035.00

TOTAL COST, \$4156.00

Bond, \$2078. Surety, U. S. Fidelity & Guaranty Co. Limit, none. Forfeit, \$5. Plans and specifications filed.

REPAIRS

(3266) FIFTH AND MINNA. Repair all broken plaster and paint and tint all rooms, halls and lobby of Mint hotel.

Owner.....Hind Co., 245 Montgomery San Francisco.

Architect...Wm. Knowles, Hearst Bldg., San Francisco.

Contractor, I. Ruderman, 2763 Bush, San Francisco.

Not filed.

COST, \$1250

FRAME STORE AND FLATS

(3267) W MISSION 126.5 S Richland Ave S 25.30 W 118.47 N 25 E 122.38; Lot 2 Blk 1, College Hill Tract. All work for two-story frame store and flat.

Owner.....Mrs. Gabriel F. Nold, 3840 Mission, San Francisco.

Architect...E. H. Denke, 1317 Hyde, San Francisco.

Contractor...F. G. Denke, 1445 11th Ave., San Francisco.

Filed Sept. 26, '14. Dated Sept. 25, '14.

2nd floor joists in..... \$1018.75

Rough plaster on..... 1018.75

Completed and accepted..... 1018.75

Usual 35 days..... 1018.75

TOTAL COST, \$4075.00

Bond, \$2037.50. Sureties, E. H. and Ella H. Denke. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Sept. 23, 1914—LOT 5 BLK "K" Mission Terrace. Mission Terrace Co as to improvements on leased property

Sept. 23, 1914—LOTS 39, 40, 41, 42 BLK "K" Sub Mission Street Land Co. David Cohn and Frances Cohn (wf) Orizaba Realty Co, Homestead Realty Co as to improvements on leased property

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Sept. 1, 1914—S BONITA 109-6 W Polk. Nick Borina to E J Montgomery.....Aug. 31, 1914

Sept. 1, 1914—E BELVEDERE 324-14 N 17th N 28xE 128-7/4. Thomas Finlayson to whom it may concern.....Sept. 1, 1914

Sept. 1, 1914—W NINETEENTH AVE 25 S Balboa S 25xW 100. John S Purcell to whom it may concern.....Sept. 1, 1914

Sept. 1, 1914—W NINETEENTH AVE 75 S Balboa S 25xW 100. John S Purcell to whom it may concern.....Sept. 1, 1914

Sept. 1, 1914—E SHOTWELL 185 N 20th N 30xE 122-6. Thaddeus W Terry to H T Grieb.....Aug. 29, 1914

Sept. 1, 1914—E TWENTY-EIGHTH AVE 125 N Clement N 25xE 120. Eugene and Catherine Donovan to whom it may concern.....Aug. 29, 1914

Sept. 1, 1914—S HUGO 95 W Third Ave W 25xS 100. E Hunius to A Klahn & Son.....Aug. 29, 1914

Sept. 1, 1914—N PAGE 154 E Lyon N 137-6xE 27-6. N. 1252-54-56 Page. Rosa M McGough to Lincoln U Grant.....Aug. 11, 1914

Sept. 1, 1914—LOT 12 BLK 66, Reis Tract. Michael and Kate Onegarsky to H Melsen.....Sept. 1, 1914

Sept. 1, 1914—NE TONQUIN & DE- visadero E 893.75xS 1275 (Court of Honor). Panama-Pacific International Exposition Co to F Rolandi.....Aug. 26, 1914

Sept. 1, 1914—E EIGHTH AVE 131 N Lawton. M or Martin L Cramer to Finn Andersen.....Aug. 19, 1914

Sept. 2, 1914—E FIFTH AVE 100 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914

Sept. 2, 1914—E FIFTH AVE 150 S "C" S 25x120. H E MacArthur to MacArthur Bros.....Aug. 31, 1914

Sept. 2, 1914—N MANGELS AVE 100

- E Congo E 70 N 36 m or l W 70 S 35-11 1/4. Chas F Goepel to whom it may concern.....Aug. 21, 1914
- Sept. 2, 1914—EXPOSITION SITE, J R Kathrens, manager, Union Pacific Yellowstone Park Concession to John Monk.....Aug. 31, 1914
- Sept. 2, 1914—LOT 22 BLK 12 St. Francis Wood, Westgate Park Co to E Ellingson and O K Holt.....August 24, 1914
- Sept. 3, 1914—W HYDE 37-6 N Pine W 25x30-10; No. 1011 Hyde. Herman D Hogrefe to whom it may concern.....Sept. 2, 1914
- Sept. 3, 1914—COMG. 75 N LOMBARD and 137-6 W Larkin W 68.9xN 30. James and Annie Mears to Western Union Home Bldrs, Inc.....Sept. 3, 1914
- Sept. 3, 1914—S SUTTER 37-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11 1/4 — 92-5 1/4 N 92-6 W 50. Hobart Estate Co to P H Jackson & Co.....August 27, 1914
- Sept. 3, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Hardwood Interior Co.....August 31, 1914
- Sept. 3, 1914—S PARNASSUS AVE 23-6 E Willard; Lot 5 Blk "D" Sunset Heights, W D Kaufmann to Nielsen Bros.....Sept. 3, 1914
- Sept. 3, 1914—NE JACKSON AND Cherry; No. 20 Cherry. W D McCann to Isaac Penny.....Aug. 28, 1914
- Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood, Westgate Park Co to E Ellingson and O K Holt.....August 29, 1914
- Sept. 3, 1914—W HYDE 20 N Green N 20xW 60. H C Muller to Henry Conrad.....August 27, 1914
- Sept. 3, 1914—N MARKET 49-9% E Page E 27-1 1/4 N parallel with Page 112-0 1/4 W 22 S parallel with Page 127-10 1/4. A S Macdonald to Harold Brauntorn.....August 24, 1914
- Sept. 4, 1914—LOT 19 BLK 4, Crocker Amazon Tract. United States Bldg Realty & Inv Society to whom it may concern.....Sept. 3, 1914
- Sept. 4, 1914—SE TONQUIN & BAKER S 137.5xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
- Sept. 4, 1914—E VICKSBURG 30 S 22nd S 25xE 100. Olaf Ellingsen to C Wengard.....Completed —
- Sept. 4, 1914—W FILLMORE 70-3 1/4 S Jackson W 105xS 32-4 1/4. Joseph Haller to Herman H Bergfeld.....Sept. 1, 1914
- Sept. 4, 1914—W EUREKA 70-5 S 22nd — 46-10 W 100 N 46-10 E 100 N J Nelson to whom it may concern.....Sept. 3, 1914
- Sept. 4, 1914—N O'FARRELL 80 W Devilsadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. The Young & Swain Baking Co to Frank J Klimm.....Sept. 1, 1914
- Sept. 5, 1914—SE HYDE & GREENWICH S 68-9xE 100. Greenwich Realty Co to Pacific Rolling Mill Co.....Sept. 1, 1914
- Sept. 5, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. David Philepelli and Catherine Philepelli to Henry W Jansen.....Sept. 2, 1914
- Sept. 8, 1914—NW BOCANA (North Ave) 309-6 1/2 NE Eugenia Ave NE 26-11xNW 55 ptn Lots 650 and 652. Gift Map No. 3. John Bjorkman to whom it may concern.....Aug. 25, 1914
- Sept. 8, 1914—W COLLINS 150 S Geary. Michele Mortede to Antonio Ferreccio.....Sept. 3, 1914
- Sept. 8, 1914—S JERSEY 139-6 E Church E 70-6xS 114. Robert O and Gladys E Banzhaf to whom it may concern.....Sept. 4, 1914
- Sept. 8, 1914—N SUTTER 100 W Powell, M D Grosh, Louise A Sage, E G Larzelere to William G Gilmore.....Sept. 3, 1914
- Sept. 8, 1914—N NORTH POINT 100 W Broderick N along a line parallel to W Broderick 100 E parallel with North Point 450 S along a line parallel to W Devilsadero 600 W along a line parallel to S Bay 450 N along a line parallel to W Broderick 500; N North Point 100 E Pierce N along a line parallel to E Pierce 100 E along a line parallel with North Point — S 600 W 450 N 500 (Courts of Palms and Flowers). Panama-Pacific International Exposition Co to Strehlow, Freese & Petersen.....Sept. 1, 1914
- Sept. 10, 1914—FOLSON NO. 2148. Jean Allee to Schrader Iron Works.....Sept. 8, 1914
- Sept. 10, 1914—S PINLEY 112-6 W Webster 24x60. E Filippetti to Montani & Steffanini.....Sept. 10, 1914
- Sept. 10, 1914—W MISSION 30 N Sycamore Ave W 80xN 46-8. Jean Allee to G Carranza, Sept. 8, '14; Geo Rehn, Sept. 8, '14; H L Petersen.....Sept. 1, 1914
- Sept. 10, 1914—SE TONQUIN AND Baker S 137.5xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.....Sept. 2, 1914
- Sept. 10, 1914—W JONES 37-6 S Jackson. L D Stoff to L D Stoff.....Sept. 10, 1914
- Sept. 10, 1914—N NEY 25 W Congdon W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....Sept. 1, 1914
- Sept. 10, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. J J and Mary E Silvey to F J Durham.....Sept. 5, 1914
- Sept. 10, 1914—NW MINNA 85 NE 8th NE 40xNW 80. Pacific Gas & Electric Co to Jas S Fennell.....August 31, 1914
- Sept. 10, 1914—NW NEY & CONGDON W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.....September 1, 1914
- Sept. 11, 1914—COM. AT INT. OF A line drawn parallel with S 17th, drawn E from Belvedere distant 102-8 1/4 S 17th with a line drawn parallel with E Belvedere being drawn N from Carmel distant 150 E Belvedere S parallel with Belvedere 25-0 1/4 E parallel with 17th 122-1 1/4 m or l to Ashbury N along Ashbury 6-6 1/4 N along Ashbury 20-0 1/4 W parallel with 17th 115-1 m or l. John A Hoots to John A Hoots & Son.....Sept. 1, 1914
- Sept. 11, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. Eisenbach Co to Higginson Co, Inc.; The General Bldg Work Co, G & M Sheet Metal Works, Edw V Lacey, Atlas Heating & Ventilating Co., California Elec Const' Co, J J Philbin, Mutual Plate & Window Glass Co, A A Zelinsky, C J Hillard Co, Inc, Bill & Jacobsen.....Sept. 10, '14
- Sept. 11, 1914—E NINETEENTH AVE 100 S Moraga S 25xE 120. Chas W and Martha C Vaughn to D Houle.....Completed —
- Sept. 11, 1914—N CLEMENT 105 W 15th Ave W 25xN 104-3. M W and J H Cain to whom it may concern.....September 1, 1914
- Sept. 11, 1914—NE WASHINGTON & Presidio Ave E 30-11xN 50. Stella Lovegrove to Shepherd Bros.....September 11, 1914
- Sept. 11, 1914—E TWENTIETH AVE 100 N Elton N 33-4xE 120. Parkside Home Bldg Co to whom it may concern.....Sept. 8, 1914
- Sept. 11, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8 1/4. Katharine P Hooker to Thomas A Cavanagh.....Sept. 5, 1914
- Sept. 14, 1914—SE EIGHTH AND Folsom St on 8th and 130 on Folsom. Galland Mercantile Laundry, Inc to Clinton Fireproofing Co, Inc.....Sept. 5, 1914
- Sept. 14, 1914—E JORDAN AVE 230 N Geary N 33-4xE 120. J W Dowdell to L V Riddle.....Sept. 8, 1914
- Sept. 12, 1914—N GREEN 81 E Octavia E 54xN 137-6. Swan J Sterner to whom it may concern.....Sept. 12, 1914
- Sept. 12, 1914—E TWENTIETH AVE 75 S Anza — 25 E 82-6 N 25 W 82-6. Thomas Hamill to whom it may concern.....Sept. 10, 1914
- Sept. 15, 1914—S BUSH 137-6 E Grant Ave S 60 W 22-6 S 60 E 42-6 N 120 W 20. N Ahrens to J B Reite and B R Halling.....Sept. 14, 1914
- Sept. 15, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to D Zelinsky, Sept. 3; Frederick W Snook Co, Sept. 10; Pacific Fire Extinguisher Co.....Sept. 3, 1914
- Sept. 15, 1914—N PAGE 131-3 W Pierce W 25xN 137-6. Margaret McCloskey to Oscar T Thunberg.....August 31, 1914
- Sept. 15, 1914—NE SIXTEENTH AND Mission N 260xE240. Henry Invest Co to Frederick W Snook, Sept. 11, '14
- Sept. 15, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 — 57. Crocker Hotel Co to Pacific Mfg Co.....Sept. 10, 1914
- Sept. 15, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8 1/4. Katharine P Hooker to U S Metal Products Co.....Sept. 14, 1914
- Sept. 16, 1914—W ELEVENTH AVE 275 S Cabrillo 25x120. A Petry to whom it may concern.....Sept. 16, 1914
- Sept. 16, 1914—W ELEVENTH AVE 250 S Cabrillo 25x120. A Petry to whom it may concern.....Sept. 16, 1914
- Sept. 16, 1914—W FIFTEENTH AVE 50 N Anza N 25xW 90. Emil Nelson to whom it may concern.....Sept. 15, 1914
- Sept. 16, 1914—LOT 22 BLK 4 Crocker Amazon Tract. Alfred Anderson to whom it may concern.....Sept. 15, 1914
- Sept. 16, 1914—S GEARY bet Stockton and Powell; No. 235-237 Geary. The Phonograph Co. of S F to J W Cobby.....Sept. 5, 1914
- Sept. 17, 1914—W MASON 65 N O'Farrell N 50xW 103-1 1/4. D L Randolph to F J Klenck.....Sept. 17, 1914
- Sept. 17, 1914—NE ARMY & GUERRERO N 26-6xE 80. Julius J Thlebaud to John Little.....Sept. 10, 1914
- Sept. 17, 1914—W TWELFTH AVE 125 S Anza. Charles A Hall to whom it may concern.....Sept. 16, 1914
- Sept. 17, 1914—W WEBSTER 81-6 S Pacific Ave 46-2 1/4x110. A M Byrne to Pacific Plastering Co.....Sept. 12, 1914
- Sept. 17, 1914—S POST 95 W Larkin W 25xS 120 to Cedar, J B Reite to whom it may concern.....Sept. 11, 1914
- Sept. 17, 1914—TWENTY-SECOND NO. 2518. Michael Gibbons to whom it may concern.....Completed —

Sept. 1, 1914—LOT 2 BLK 3 Crocker Amazon Tract. Albert Mattson to whom it may concern. Sept. 15, 1914
 Sept. 18, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris Hyman, Joseph Hyman, Julia Hyman Stone, Emilie Baruch and Henry W Hyman Estate to Chas R Hadley. Sept. 14, 1914
 Sept. 18, 1914—N NORTH POINT 100 W Broderick N along line parallel to Broderick 100 E 450 S 600 W 450 N 500. N North Point 100 E Pierce N along a line parallel to Pierce 100 E 450 S 600 W 450 N 500. Panama-Pacific International Exposition Co to Newbery Bendheim Elee Co. Sept. 16, 1914
 Sept. 19, 1914—NE WASHINGTON & Octavia E 175 N 127-8 1/2 E 2-6 N 127-8 1/2 W 177-6 S 255-4 1/2. A B Spreckels to Foster & Vogt. August 31, 1914
 Sept. 19, 1914—E GRANT AVE 77-6 N Bush N 30x E 80. Herman Heskins to McMullin, von Voorhies Co. Sept. 18, 1914
 Sept. 19, 1914—W MISSION 25-6 N 17th N 39-6xW 70. C Hadelor to Beach & Heffernan. Sept. 17, 1914
 Sept. 19, 1914—N PINE 92-10 1/2 W Hyde W 25xN 87-6. Edward E Young to whom it may concern. Sept. 15, 1914
 Sept. 19, 1914—N GREEN 116-3 1/2 W Jones W 47xN 120 on Macondray. John McGaw to Marcus Marcussen. Sept. 19, 1914
 Sept. 19, 1914—COMG. at intersection of dividing line Lots 14 and 15 Blk 9 and E San Fernando Way N 75 deg 19 min 59 sec E 100 S along curve to right, 33.93 S 80 deg 26 min 55 sec; W 100 N along curve to left 25, Ptn Lot 15 Blk 9, St. Francis Wood. H O Harrison to Kronnick Bros. Sept. 15, 1914
 Sept. 19, 1914—W DELANO (Delaware) Ave 53.70 from NE Cor. Blk 33 West End Map No. 1 NW 78x SW 75, ptn Lots 1 and 2 Blk 33, West End Map. Axel R Larson to whom it may concern. Sept. 18, 1914
 Sept. 19, 1914—E SANCHEZ 114 S 22nd S 22-6x E 100. Chas B and Madge Scully to whom it may concern. Sept. 16, 1914
 Sept. 21, 1914—E FAIR OAKS 122 S 22nd. C B Mondani and C Muzio to Pietro and Giuseppe Carrara. Sept. 19, 1914
 Sept. 21, 1914—NE SIXTEENTH AND Capp N 90x E 150. San Francisco Labor Council Hall Ass'n to Central Iron Works. Sept. 16, 1914
 Sept. 21, 1914—W TRINITY 68-9 N Sutter W 61-3 1/2xN 34-1 1/2. French American Bank of Savings (by Agt. P. J. Walker Co) to W P Fuller. Sept. 14, 1914
 Sept. 21, 1914—W COMMONWEALTH Ave 265 N Geary W 120xN 40. Nellie H Morris to Jas P Fletcher. Sept. 10, 1914
 Sept. 21, 1914—NW JACKSON AND Scott N 127-8 1/2xW 137-6. Academy of the Sacred Heart to R G Graham. Sept. 17, 1914
 Sept. 22, 1914—SW HOWARD AND 16th W 175-6 S parallel with Howard 90 E 75-6 N 2-6 E 100 N 87-6. Mission Consolidated Realty Co to Brode Iron Works. Sept. 21, 1914
 Sept. 22, 1914—E MISSION 100 N 24th N 93-4 NE 123-7 S 110-1 W 122-6; E Mission 193-4 N 24th N 55-8 E 122-6 S 41-11 W 123-7. Turner & Dahnen Circuit to

Pacific Structural Iron Works. Sept. 12, 1914
 Sept. 22, 1914—E TWENTY-FIFTH Ave 115 N Anza N 25x E 120. Jacob H Thorpe to whom it may concern. Sept. 19, 1914
 Sept. 22, 1914—S EIGHTEENTH 65-30 E Mississippi E 35xS 50. C F Adams to E A Janssen. Sept. 21, 1914
 Sept. 22, 1914—NE FULTON AND Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to Paul C Butte and Chas F Butte (Butte Engineering & Electrical Co) (2 acceptances). Sept. 14, 1914
 Sept. 22, 1914—SE ELSIE 60 SW Cortland SW 30 SE 53-9 NE 20 NW 25 NE 10 NW 28-9 ptn Lots 17 and 18 Blk 5 Fairs Sub Holly Park Tct. A Leone to M Z Novello. Sept. 21, 1914
 Sept. 23, 1914—LOT 35 BLK 13, Lakeview. Matthys Walther to whom it may concern. Sept. 22, 1914
 Sept. 23, 1914—S IRVING 32-6 E 47th Ave S 100x E 25. Clara Winterberg to Liebert & Martinelli. Sept. 17, 1914
 Sept. 23, 1914—SAN CARLOS AVE NO. 159. Naughton Estate (Mary L Naughton Trustee) to Higginson Co, Inc. Sept. 15, 1914
 Sept. 23, 1914—N SADOWA 250 E Capitol Ave E 25xN 125 Blk "G" R R Hd Ass'n. Homestead Realty Co to Wm H Grahn. Sept. 22, 1914
 Sept. 23, 1914—PIER NO. 34 on E East, approximately opposite junction of S end of Beale and E Brannan. Western Pacific Railway Co (as Lessee) to Hyde Harjes & Co. Sept. 14, 1914
 Sept. 23, 1914—W TWELFTH AVE 100 S Anza (A) 25x120. Charles A Hall to whom it may concern. Sept. 21, 1914
 Sept. 23, 1914—E THIRTY-FIRST Ave 125 N Geary N 50x E 120. William Klute to T E Mohler. Sept. 23, 1914
 Sept. 23, 1914—NW TAYLOR AND Sacramento N 40xW 91-8. G A Steffen to Eureka Teaming Co. Sept. 8, 1914
 Sept. 23, 1914—LOTS 21 AND 22 BLK "N" Mission Street Land Co. Homestead Realty Co to William H Grahn. Sept. 22, 1914
 Sept. 24, 1914—N CALIFORNIA 40 W Prospect Place 20x52-6. H G Lackmann to E J Montgomery. Sept. 23, 1914
 Sept. 24, 1914—S ALVADO 105 W Castro. Nellie Mullen to whom it may concern. Completed
 Sept. 24, 1914—VALLEJO NO. 2344. Mary Kingston to John Burns. Sept. 23, 1914
 Sept. 24, 1914—E FORTY-THIRD AV 140 S Cabrillo S 40x120. Chas H Burger to West Redwood Land Co. Sept. 22, 1914
 Sept. 24, 1914—SW POWELL AND Brant Alley S 87-6xW 25. Angelo Campana to Paul De Martini. Sept. 10, 1914
 Sept. 24, 1914—N FOURTEENTH 260 E Guerrero 25x105. Mary Yost to Emil Stroth. Sept. 17, 1914
 Sept. 24, 1914—W CAPISTRANO AVE 300 E Santa Rosa Ave 35x120. Lot 32 Blk "B" Mission Terrace. Rudolph A Hake to whom it may concern. Completed
 Sept. 24, 1914—LOTS 10, 12, 14, 16 & 18 Blk 173 C S Allred's Sub Blks 17, 18 West End Map No. 1. C S and Maggie L Allred to whom it may concern. Sept. 24, 1914
 Sept. 25, 1914—N SUTTER 51 W Tay-

lor N 137-6xW 56-6. Clara M Clayton, Josephine L. Struve, Edwin P Gaffney, Geo W Livingston and Willetta H Henderson to Milliken Bros. Sept. 25, 1914
 Sept. 25, 1914—NW WASHINGTON & Embarcadero W 107-2 m or 1 N 45-7 E 33-6 S 3 E 40-6 m or 1 S 54 m or 1. Water Front Realty Co to whom it may concern. Sept. 25, 1914
 Sept. 25, 1914—E COMMONWEALTH Ave 445 S Euclid Ave E 155-0 1/2 S 42-6 W 159-1 1/2 N 40. Sophie C Gerson to Roberts & Woolfrey. Sept. 23, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. H Maundrell, \$550 A Fry, \$512; Burnham Plumbing Co, \$451 vs Geo C Sargent, Helen M Sargent and F J H Rickon. Sept. 2, 1914—S LAKE 82-6 E 24th Ave S 100 E 50 N 100 W 50. Anderson Bros Planing Mill & Mfg Co vs George C and Helen M Sargent and Fred J H Rickon. \$873.20
 Sept. 1, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Ralston Iron Works, Inc vs Fred J H Rickon. George C Sargent and Helen M Sargent. \$204
 Sept. 2, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Loop Lumber Co vs H W Jansen, David Philippi, Jane Doe Philippi, Peter J M Bertelsen and Andrew Bertelsen. \$207.63
 Sept. 2, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. Kirwan & Donovan, \$15; J K Stewart, \$150 vs George C and Helen M Sargent and Fred J H Rickon. Sept. 2, 1914—E TWENTY-FIRST AVE 300 S Lincoln Way S 25x E 120. Bauer "Picture Co vs Angelita Lindsey, Robert E Lindsey and MacArthur Bros. \$50
 Sept. 3, 1914—S LAKE 82-6 E 24th Ave E 50xS 100. James Cantley vs Geo C Sargent, Helen M Sargent and Fred J H Rickon. \$85
 Sept. 3, 1914—SW EVANS AVE 50 NW Alvord NW 25xSW 100. Henry Hinricks vs Janet and Angus McLeod. \$297.25
 Sept. 4, 1914—W SANCHEZ 86 S 25th S 25xW 76-9. N O Nelson Mfg Co vs Timothy J and Bridget J Carmody and H O Bowen. \$40.60
 Sept. 4, 1914—SE PRECITA AVE & Florida Ave SW 25xSE 80. New Era Marble & Concrete Co vs John Eliassen, Bergetta Eliassen and Johnson & Olsen. \$163.50
 Sept. 4, 1914—S SLOAT BLVD extended 204 S from E line of Great Highway S 250 W to Pacific Ocean N to Sloat Blvd extended E to beg. Fred Titt & Son vs Christofferson Aviation Co, Cpn & Spring Valley Water Co. \$724.94
 Sept. 4, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75 S 100 E 25 N 25 E 50 N 75. N O Nelson Mfg Co vs H O Bowen. \$207.09
 Sept. 4, 1914—E EIGHTEENTH AVE 200 S Anza S 25x E 120. N O Nelson Mfg Co vs Frank Lapham and H O Bowen. \$52.60
 Sept. 4, 1914—W FIFTEENTH AVE 78-11 N Clement N 25xW 120. N O Nelson Mfg Co vs Mrs R Casque and H O Bowen. \$122.04
 Sept. 4, 1914—W NINETEENTH AVE

100 N Clement N 25xW 120. Eureka Sash, Door & Moulding Mills vs David Philippelli, Jone Doe Philippelli, Henry W Jansen, Peter J M and Andrew Bertelsen.....\$400	Coast Wire & Iron Works vs The President and Board of Trustees of St. Ignatius College, John J Hughes and Massachusetts Bonding & Insurance Co.....\$422.95	ble Co vs The Maritime Hall Ass'n E F Burke and E E Feltz...\$388.50
Sept. 4, 1914—E FIFTYFIFTH AVE 60 S Anza S 25x E 120. N O Nelson Mfg Co vs Leigh & Schultz and H O Bowen.....\$62.65	Sept. 14, 1914—NE PARKER AVE and Fulton E 175xN 275. Spencer Street Planing Mill vs The President and Board of Trustees of St. Ignatius College and John J Hughes.....\$26,496.20	Sept. 21, 1914—S CLAY 150 E Drumm E 50xS 119-6. J K Stewart vs E F Burke and Maritime Hall Association.....\$303
Sept. 4, 1914—W TWELFTH AVE 175 S Anza W 120xS 25. N O Nelson Mfg Co vs W D Ball & H O Bowen.....\$175.78	Sept. 14, 1914—NE FULTON AND Parker Ave N 275x E 175. Frank T Hughes & Co. \$168.50; James H Hardy, \$7005.29 vs The President and Board of Trustees of St. Ignatius College and J J Hughes....	Sept. 21, 1911—SW POST AND Leavenworth W 137-6xS 137-6. Pacific Manufacturing Co vs L H Sly.....\$6121.52
Sept. 5, 1914—S BUSH 87-6 E Polk 63-6x120. San Francisco Elevator Co vs Ferguson & Locke Co and E L Hueter.....\$662.80	Sept. 14, 1914—S CLAY 150 E Drumm E 50xS 119-6. Pope & Talbot vs Maritime Hall Ass'n and E F Burke.....\$699.68	Sept. 22, 1914—S CLAY 150 E Drumm E 50xS 119-6. Sibley Grading & Tanning Co vs E F Burke & Maritime Hall Ass'n.....\$203.70
Sept. 5, 1914—SW TACOMA & 15th Ave S 25xW 120. J H Franks and S F Johnson vs Edith S Isaacs.....\$505	Sept. 14, 1914—S CLAY 150 E Drumm E 50xS 119-6. Pope & Talbot vs Maritime Hall Ass'n and E F Burke.....\$699.68	Sept. 23, 1911—E TWENTY-SIXTH Ave 200 N Judah N 25x E 120. Reinhardt Lumber & Planing Mill Co vs Sol Getz & Sons, Inc, Jno Morley and T Roy Murray.....\$216.49
Sept. 5, 1914—NW TACOMA & 15th Ave N 25xW 120. J H Franks and S F Johnson vs J I Cummings.....\$443.13	Sept. 14, 1914—S CLAY 150 E Drumm E 50xS 119-6. Pope & Talbot vs Maritime Hall Ass'n and E F Burke.....\$699.68	Sept. 23, 1914—NW TWENTY-Fourth and Chattanooga W 78xN 25. Bennett Bros vs J M and H E Branscombe.....\$132.14
Sept. 10, 1914—NE FULTON AND Parker Ave E 175xN 275. Michael & Pfeffer vs St. Ignatius College, John J Hughes, Emery J Nutting & Patrick J Sullivan Jr as Spencer Street Planing Mills.....\$867.40	Sept. 15, 1914—N OAK 157-6 W Van Ness Ave — 89-9 N 120 E 68-9 S 40 E 21 S 80. L A Norris vs Martin M Fennell and Thos L Wand as Fennell & Wand and The Young Men's Institute Hall Ass'n.....\$4450.30	Sept. 25, 1914—SW POST & LEAVENWORTH W 137-6xS 137-6. W P Fuller & Co. \$2074.84; Marshall & Stearns Co, \$5754; R W Kinney Co, \$7642.60; Symon Bros, \$1406; Thos Day Co, \$2300; Henry Cowl Lime & Cement Co. \$2338.12; John A Roehlings Sons Co of California, \$1719.77 vs L H Sly.....
Sept. 11, 1914—S CLAY 150 E Drumm E 50xS 119-6. C E Lamburth vs Maritime Hall Ass'n, E F Burke and G W Burke.....\$444	Sept. 15, 1914—S CLAY 150 E Drumm E 50xS 119-6. Central Elec Co vs Maritime Hall Ass'n and E F Burke.....\$430.70	Sept. 25, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Marshall & Stearns Co vs F J Durham, J J Silvey and Mary E Silvey.....\$200
Sept. 11, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. Konkel & Anderson vs David and Jane Doe Philippelli and Henry W Jansen.....\$52	Sept. 15, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. L W Horn vs David and Catherine Philippelli, Henry W Jensen, Peter J M and Andrew Bertelsen.....\$38	Sept. 25, 1914—NW TWENTY-TH & Chattanooga W 78xN 25. San Francisco Iron Works, Inc vs J M and M E Branscombe.....\$240
Sept. 11, 1914—W NINETEENTH AVE 100 N Clement N 25xW 120. S Muller and E Korbus (as Mutual Plate & Window Glass Co) vs H W Jansen and David Philippelli.....\$95	Sept. 16, 1914—N PACIFIC AVE 137-6 E Buchanan E 68-9xN 127-84. Ferguson & Son vs J C Wilson and Mabel C Wilson.....\$1000	
Sept. 11, 1914—NE FULTON AND Parker Ave E 175xN 275. Olson-Mahony Lumber Co vs The President and Board of Trustees of St. Ignatius College & John J Hughes.....\$642.55	Sept. 16, 1914—NE FULTON AND Parker Ave E 175xN 275. Forreder Cornice Works vs The President and Board of Trustees of Saint Ignatius College.....\$397	
Sept. 11, 1914—S BUSH 86-6 E Polk E 63-6xS 120. C E McMullin and R von Voorhies (as McMullin-von Voorhies Co) vs E L Hueter and Ferguson & Locke Co.....\$436	Sept. 16, 1914—S CALIFORNIA 32-6 W 23rd Ave W 75xS 100. H O Bowen vs John Gray and Leigh & Schultz.....\$163.62	
Sept. 11, 1914—E CASTRO 51-6 N 22nd N 25x E 105. John Price and J L Hutcherson (as Price & Hutcherson) vs Emma Stierlen.....\$50.25	Sept. 17, 1914—NE PARKER AVE & Fulton E 175xN 275. Joost Bros vs John J Hughes, The President and Board of Trustees of St. Ignatius College.....\$272.98	
Sept. 14, 1914—S CLAY 150 E Drumm E 50xS 119-6. I Cohen vs Maritime Hall Association.....\$447.50	Sept. 18, 1914—S CLAY 150 E Drumm E 50x119-6. Joost Bros vs E F Burke and Maritime Hall Ass'n.....\$55.11	
Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. W P Fuller & Co vs President & Board of Trustees of St. Ignatius College, John J Hughes, Massachusetts Bonding & Insurance Co.....\$4749.77	Sept. 18, 1914—N SUTTER 100 Powell N 137-6xW 37-6. L A Norris Co vs M D Grosh, Louise M Sage and E G Larzelere.....\$2246.25	
Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. Santa Fe Lumber Co, vs President and Board of Trustees of St. Ignatius College and Spencer Street Planing Mill.....\$695.30	Sept. 18, 1914—N SUTTER 100 W Powell W 37-6xN 137-6. L A Norris Co vs M D Grosh, Louise M Sage and E G Larzelere.....\$4015	
Sept. 14, 1914—NE FULTON AND Parker Ave E 250xN 275. James H Hardy, Inc vs The President and Board of Trustees of St. Ignatius College, John J Hughes & Spencer Street Planing Mills.....\$922.64	Sept. 19, 1914—NE SHOTWELL AND 15th E 60 N 100 W 60 to beg. Camp & Carillon vs Alfred Legault and Hyman Frederick.....\$30	
Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. Inland Floor Co vs The President and Board of Trustees of St. Ignatius College, Spencer Street Planing Mill, John J Hughes, Emory J Nutting and Patrick J Sullivan as Spencer Street Planing Mills.....\$120	Sept. 19, 1914—S CLAY 150 E Drumm S parallel with Drumm 119-6x E 50. Malott & Peterson vs Maritime Hall Ass'n and E F Burke.....\$1290.25	
Sept. 14, 1914—NE FULTON AND Parker Ave E 175xN 275. West	Sept. 19, 1914—E POWELL 71-6 N Sacramento N 22x E 56. Morris Sulstaf Co, cnp vs Mary E and Joseph B Seeley.....\$499.91	
	Sept. 19, 1914—S CLAY 150 E Drumm E 50xS 119-6. Pacific Mfg Co vs The Maritime Hall Ass'n and E F Burke.....\$860.34	
	Sept. 21, 1914—S CLAY 150 E Drumm E 50xS 119-6. The Columbia Mar-	

OAKLAND AND ALAMEDA COUNTY.

BUNGALOW — 1 story and base, frame, \$2,500. Berkeley, Alameda Co. Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, George Fedürwitz. The dwelling will be erected in West Berkeley, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and tile or brick mantel. The wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$6,500. Berkeley, Alameda Co. Cal. Architect, Samuel Arnold, Sharon Bldg., S. E. F. Owner, Z. P. Smith. The dwelling will be erected at the corner of Walnut and Shattuck avenue, and has been designed to contain eight rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and out for figures.

BUNGALOW — 1 story and base, frame, \$5,000. Berkeley, Alameda Co. Cal. Architect, none. Owner, E. B. Spitzer, 1254 Ashby avenue, Berkeley. The dwelling will be erected on the south side of Marin west of Fresno,

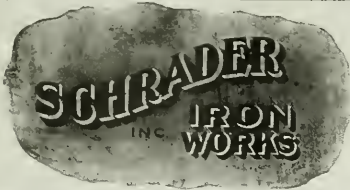
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and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE ALTERATION—2 story, frame, \$3,600. Berkeley, Alameda Co., Cal. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. McGill. The present two-story frame dwelling located on Durant Way near Ellsworth will be altered into a modern apartment house. The suites will consist of three, four and five rooms, each with bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be new and modern plumbing, electric work, hot water system

and plastering. Exterior of the building will also undergo alterations. Plans are complete and figures are now being taken.

FACTORY AND WAREHOUSE—1 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Shredded Wheat Biscuit Co., Oakland, Cal. Architect Hobart has completed the architectural drawings for the first unit of the big plant to be erected by this company on their Oakland property bounded by 12th, 14th, Poplar and Union streets. These plans have been submitted to Vice-President Fred Mason of the Shredded Wheat Co., who is now in this city. Structural plans have been completed by the company's engineers. Besides this building the company will shortly undertake construction of two other buildings of a similar type besides several cottages for their employees. Plans will be out for figures shortly.

CREAMERY—1 story, brick, \$5,000. Oakland, Cal. Architect, none. Owner, Miss Annie Johnson, 951 Bay View avenue, Oakland. The building will

be erected on the south side of 15th street west of San Pablo avenue. The front portion of the building will be fitted up for a retail store and the rear for a modern sanitary creamery. A cement floor will be used. Interior will be finished in pine and tile. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

WAREHOUSE—2 story and base, brick, \$15,000. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway, Oakland. The building will be erected on 19th street between San Pablo and Telegraph avenues and will cover a considerable ground area. Floors will be of concrete. Interior will be finished in pine. A freight elevator will be installed. Automatic sprinklers are also specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken by the architect.

BUNGALOWS—2, 1 story and base, frame, \$2,000 each. Oakland, Cal. Architect, none. Owners, Dean & Wade, 5210 Fairfax avenue, Oakland. These two houses will be erected on Wadean Place near 54th avenue, and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of G. H. Hollenbeck who will superintend the work, which will be done by Day Labor. Materials are now being purchased.

BUNGALOW—1 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, T. B. Evans, 1417 East 20th street, Oakland. The dwelling will be erected at the corner of East 20th street and 16th avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2320	McCann	McCann	1600
2331	Brook	Hitchcock	400
2332	Crescent Invest.	Bullock	400
2333	Gurompolo	Hunter	450
2334	Olsen	Olsen	1500
2335	Kissel	Kulchar	500
2337	Turner	Bartlett	400
2339	Fuller	McGuigan	600
2340	Bank	Collins	1600
2341	Carleton	Carleton	1800
2342	Omo	Omo	2500
2343	MacKinnon	Lay	500
2344	Ursell	Shrader	2650
2345	Coxon	Peterson	
2346	Key Route	McDonald	1680
2347	Chick	C C Constr Co	10000
2348	Hyde	Shrader	400
2349	Adams	Tennez	400
2350	McElowney	Banning	5500
2351	Inranje	Carlsen	400

3352	Guinalt	Carlson	800
3353	Brett	Brett	500
3354	Hicks	Lifton	450
3355	Brookstedt	Owner	2200
3356	Salvatore	Benassini	1375
3357	Moran	Gunn	4979
3358	Evans	Evans	3000
3359	Ursell	Olsen	2620
3362	Pfrang	Pfrang	2500
3363	Pfrang	Pfrang	2500
3364	Anderson	Anderson	2000
3365	Neary	Neary	2500
3366	Cornwall	Pearson	1528
3369	Gee Sam Kce	Spargo	5975
3370	Pardee	Anderson	6425
3371	Farris	Beal	500
3372	Farris	Farris	2500
3373	McNary	McNary	500
3373	Yosemite	Malley	4000
3374	Parker	Lorenzen	1300
3378	Petersen	Scott	2050
3379	Martin	Harris	1975
3380	Rogers	Schwartz	6000

FRAME DWELLING
(2330) S APGAR 300 W West, Oakland. One-story 5-room dwelling.
Owner.....J. W. McCann, 855 Apgar, Oakland.
Architect...None.
Day's work. COST, \$1600

ALTERATIONS
(2331) NO. 1535 ELEVENTH AVE., Oakland. Alterations.
Owner.....E. W. Brock, Premises.
Architect...None.
Contractor...Geo. C. Hitchcock, 706 39th Ave., Oakland.
COST, \$400

ALTERATIONS
(2332) NO. 1329 E-EIGHTEENTH, Oakland. Alterations.
Owner.....Crescent Investment Co., 357 12th, Oakland.
Architect...None.
Contractor...O. M. Bullock, 2215 Santa Rita Ave., Oakland.
COST, \$100

ADDITION
(2333) NO. 1314 FIFTY-FIRST AVE., Oakland. Addition.
Owner.....P. Gurompolo, Premises.
Architect...None.
Contractor...J. O. Hunter, 1337 51st Ave., Oakland.
COST, \$450

ALTERATIONS
(2334) NO. 2929 BROADWAY, Oakland. Alterations.
Owner.....Edw. Olsen, 977 Bay View, Oakland.
Architect...None.
Day's work. COST, \$1500

ALTERATIONS
(2335) NW TWENTY-FOURTH AND Broadway, Oakland. Alterations.
Owner.....Pacific Kissel Kar Co., Contractor...S. Kulchar & Co., 518 4th, Premises.
Architect...None.
Oakland. COST, \$500

ALTERATIONS
(2337) NO. 1532 BROADWAY, Oakland. Alterations.
Owner.....Turner & Dahnken, Prem.
Architect...None.
Contractor...John M. Bartlett, 565 16th, Oakland.
COST, \$400

DWELLING
(2338) W EIGHTY-FIRST AVE 275 S "R," Oakland. One-story 4-room dwelling.
Owner.....E. F. Turrell, 1225 81st Ave., Oakland.
Day's work. COST, \$600

SIDEWALK LIGHTS
(2339) SW TENTH AND ALICE, Oakland. Replace sidewalk lights.
Owner.....W. P. Fuller, Premises.
Architect...None.
Contractor...J. McGuigan, 142 Silver, San Francisco.
COST, \$600

FRAME DWELLING
(2340) E LOCKSLEY AVE 100 N Clifton, Oakland. One-story 5-room dwlg.
Owner.....A. Bank.
Architect...None.
Contractor...Collins Bros., 825 57th, Okd.
COST, \$1600

FRAME DWELLING
(2341) S ARTHUR 150 E 69th Ave., Oakland. One-story 5-room dwelling.
Owner.....S. Carleton, 2023 69th Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

FRAME DWELLING
(2342) E EUREKA AVE 40 S Fortune Way, Oakland. One-story six-room dwelling.
Owner.....Fred Omo & Sons, 2128 11th Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

BRICK BUILDING
(2343) S TWENTY-SECOND 30 E Market, Oakland. One-story brick cleaning room.
Owner.....W. H. Mackinnon, 2220 San Pablo Ave., Oakland.
Architect...None.
Contractor...N-D-Lay Dry Cleaners, 2162 Market, Oakland.
COST, \$500

FRAME STORES AND FLATS
(2344) W PIEDMONT AVE 100 S Mather, Oakland. Two-story five-room dwelling with store.
Owner.....G. S. Ursell, 1645 25th Ave., Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...B. Olsen, 4351 Howe, Okd.
COST, \$2650

FRAME DWELLING
(2345) LOTS 22 AND 23 BLK "O" Fruitvale Boulevard Tract, Oakland. All work for one-story 6-room and basement frame dwelling.
Owner.....Henry and Annabelle Conroy, 440 Lily Ave., S. F.
Architect...None.
Contractor...Torrence S. Peterson, 5472 Boulevard, Oakland.
Filed Sept. 21, '14. Dated Sept. 15, '14. 35 days after completed and accepted equity in house at Nos. 438-440 Lily Ave., San Francisco
COST, \$1900 and equity in house at Nos. 438-440 Lily Ave., S. F.
Bond, \$2000. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, \$1. Specifications only filed.

VARNISHING
(2346) SW TWENTY-SECOND AND Grove, Oakland. Varnishing and tinting for three-story and basement Class "C" office building.
Owner.....S. F. Oakland Terminal Railways, Syndicate Bldg., Oakland.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor...Nathaniel McDonald, Okd.
Filed Sept. 22, '14. Dated Sept. 22, '14.

1st and 15th of each month. 75%
Usual 55 days..... 25%
TOTAL COST, \$1650
Bond, \$1000. Surety, Southwestern Surety Insurance Co. Limit, 10 days.
Forfeit, \$100. Plans and specifications filed.

FRAME DWELLING
(2347) N FIFTY-NINTH 200 W Noble Road, Oakland. Two-story 10-room dwelling.
Owner.....Guy Hyde Chick, 1533 Arch Berkeley.
Architect...B. H. Maybeck, 35 Montgomery, San Francisco.
Contractor...Contra Costa Constr. Co., 2323 Shattuck Ave., Bkly.
COST, \$10,000

ALTERATIONS
(2348) NO. 341 NINETEENTH, Oakland. Alterations.
Owner.....Mrs. F. I. Hyde, Premises.
Architect...None.
Contractor...J. F. Shrader, 520 16th, Oakland.
COST, \$400

ALTERATIONS
(2349) NO. 2215 FORTY-FIFTH AVE., Oakland. Alterations.
Owner.....Chas. A. Adams, Premises.
Architect...None.
Contractor...W. T. Tennez, Premises.
COST, \$400

FRAME DWELLING
(2350) NW BELGRAVE AND NAPA, Oakland. Two-story 8-room dwlg.
Owner.....F. E. McElidowney, Okd.
Architect...None.
Contractor...Banning & Stewart, 5215 Broadway, Oakland.
COST, \$5500

FRAME DWELLING
(2351) E EIGHTY-SECOND AVE 275 N "A," Oakland. One-story three-room dwelling.
Owner.....Frank Iaranje, Oakland.
Architect...None.
Contractor...O. M. Carlson, 1456 82nd Ave., Oakland.
COST, \$400

FRAME DWELLING
(2352) E EIGHTY-SECOND AVE 325 N "A," Oakland. One-story 4-room dwelling.
Owner.....Jose Guinalt, 1306 82nd Ave., Oakland.
Architect...None.
Contractor...O. M. Carlson, 1456 82nd Ave., Oakland.
COST, \$800

ALTERATIONS
(2353) NO. 1932 CHESTNUT, Oakland. Alterations.
Owner.....John A. Brett.
Architect...None.
Day's work. COST, \$500

ADDITION
(2354) NO. 2510 E-TWENTY-FOURTH Oakland. Addition.
Owner.....G. H. Hicks, Premises.
Architect...None.
Contractor...Lifton & Nielsen, 2326 26th Ave., Oakland.
COST, \$450

FRAME DWELLING
(2355) E MILES AVE 104 N Forrest, Oakland. One and one-half-story 3-room dwelling.
Owner.....Mrs. C. Brockstedt, 119 Vicksburg, San Francisco.

Architect...Heiman & Schwartz, Nevada Bank Bldg., S. F.
Day's work. COST, \$2200

FRAME DWELLING

(2356) N FORTY-NINTH 60 E Lawton
Oakland. One-story 4-room dwlg.
Owner.....Toshi Salvatore, 6250 Boyd Ave., Oakland.
Architect...None.
Contractor...Flo Komassini, 5250 Boyd Ave., Oakland.
COST, \$1375

FRAME DWELLING

(2357) S PERRY 400 W Van Buren, Oakland. Two-story 10-room dwlg.
Owner.....L. W. Moran, 1803 West, Oakland.
Architect...None.
Contractor...J. F. Gunn, 839 Isabella, Oakland.
COST, \$4979

FRAME DWELLING

(2358) S E-TWENTIETH 114 W 16th Ave., Oakland. One-story 6-room dwelling.
Owner.....T. B. Evans, 1417 E-20th, Oakland.
Architect...None.
Day's work. COST, \$3000

FRAME FLATS

(2359) NW PIEDMONT AVE 100 SW Mather Ave SW 30xNW 155, Oakland. All work for two-story frame store and flat.
Owner.....George S. Ursell, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...B. Olsen, Oakland.
Filed Sept. 23, '14. Dated Sept. 16, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2620
Bond, \$1310. Surety, New Amsterdam Casualty Co. Limit, Nov. 20. Forfeit, \$5. Plans and specifications filed.

ALTERATIONS AND ADDITIONS

(2361) NO. 1556 BROADWAY, Oakland. Alterations and additions.
Owner.....Thos. C. Spilker, Premises.
Architect...None.
Contractor...John Anderson, 1424 Broadway, Oakland.
COST, \$1800

DWELLING

(2362) NW SIXTY-SECOND & RACINE, Oakland. One-story 5-room dwlg.
Owner.....H. C. Pfirang, 3359 Shafter Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING

(2363) N SIXTY-SECOND 40 W Racine, Oakland. One-story 5-room dwlg.
Owner.....L. G. Pfirang, 5441 Shafter Ave., Oakland.
Architect...None.

Day's work. COST, \$2500

DWELLING

(2364) SE FORTY-SECOND AVE 139 SW Santa Rita Ave., Oakland. One-story 5-room dwelling.
Owner.....A. T. Anderson, 7335 Lockwood, Oakland.
Architect...None.
Day's work. COST, \$2000

DWELLING

(2365) SW FORTY-FIRST & WEST,

Oakland. One and one-half-story 6-room dwelling.
Owner.....Wm. F. Neary, 1723 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS

(2366) NO. 1144 EUCLID AVE., Oakland. Alterations.
Owner.....P. B. Cornwall, Premises.
Architect...None.
Contractor...Ben Pearson, 2403 Grant, Oakland.
COST, \$1528

CLASS "C" BUILDING

(2368) SW EIGHTH AND WEBSTER S 75xW 75, Oakland. Excavating, bulkheading, concrete, reinforcing, steel, wood forms for two-story and basement Class "C" stores, lofts and rooms.
Owner.....Gee Sam Kee.
Architect...O'Brien Bros., Clunie Bldg., San Francisco.
Contractor...John Spargo, 926 Presidio Ave., San Francisco.
Filed Sept. 24, '14. Dated Sept. 4, '14.
Lot excavated and concrete up to side walk level.....\$1425
Concrete work completed to 2nd floor level 1425
Concrete work completed except sidewalks and 1st floor..... 1425
Usual 35 days..... 1425
1-st floor side walks completed and accepted 275
TOTAL COST, \$5975
Bond, none. Limit, 40 days. Forfeit, \$10. Plans and specifications filed.

(2369) CARPENTRY, JOINERY, 1909 anchors, tinning, galvanized iron, cornices, skylights, roofing, lining, chimneys, sheathing, flooring, stairs, furring, interior finish, wainscoting, post caps and bases, windows, doors, glazing, lathing and plastering, exterior plastering, electric wiring, painting and varnishing on above.
Contractor...Nils Anderson, 736 46th, Oakland.
Filed Sept. 24, '14. Dated Sept. 18, '14.

2nd story joists in place.....\$1200.00
Roofed 1200.00
Brown coated 1200.00
Completed and accepted..... 1218.75
Usual 35 days..... 1606.25
TOTAL COST, \$6425.00

Bond, \$3212.50. Sureties, M. H. Morgan and C. M. Nutting. Limit, 90 days. Forfeit, none. Plans and specifications filed.

MAGNESITE FLOOR

(2370) NO. 1417 BROADWAY, Oakland. Magnesite floor.
Owner.....G. Pardee.
Architect...None.
Contractor...K. S. Beal, 1542 Broadway, Oakland.
COST, \$500

DWELLING

(2371) W CORONADO 160 N 51st, Oakland. One-story 5-room dwelling.
Owner.....W. A. Farris, 16 Monte Vista Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING

(2372) N THIRTY-FIFTH 350 E Telegraph Ave., Oakland. One-story 3-room dwelling.
Owner.....Mrs. N. S. McNary, 160 35th, Oakland.

Day's work. COST, \$500

FIRE REPAIRS

(2373) W GROVE 50 S 47th, Oakland. Fire repairs to brick laundry.
Owner.....Yosemite Laundry Co., Premises.
Architect...None.
Contractor...F. T. Malley, 3001 Grove, Oakland.
COST, \$4000

DWELLING

(2374) E 105TH AVE 200 N E-14th, Oakland. One-story 1-room dwlg.
Owner.....J. Parker, 951 56th, Okd.
Architect...None.
Contractor...F. N. Lorenzen, 6145 Fremont, Oakland.
COST, \$1300

FRAME DWELLING

(2375) NE E-SIXTEENTH 150 SE 7th Ave th along E-16th 23xNE 150, Oakland. All work for one and one-half-story 6-room dwelling.
Owner.....Mary F. Petersen, Oakland.
Architect...None.
Contractor...G. A. Scott, 685 23rd, Okd.
Filed Sept. 25, '14. Dated Sept. 24, '14.
Frame up\$510
Brown coated 510
Completed 510
Usual 35 days..... 520
TOTAL COST, \$2050
Bond, \$1050. Sureties, Alice M. and H. B. Scott. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

DWELLING

(2379) W LINCOLN AVE 384 N Hopkins, Oakland. One-story 5-room dwelling.
Owner.....A. F. Martin, 3553 Lincoln Ave., Oakland.
Architect...None.
Contractor...Harris & Hudson, 1957 E-38th, Oakland.
COST, \$1975

APARTMENTS AND STORES

(2380) W BROADWAY 31 N 40th, Oakland. Two-story 12-room apartments and stores.
Owner.....R. R. Rogers, Hayward.
Architect...None.
Contractor...C. S. Schwartz, Hayward.
COST, \$4000

Building Contracts Awarded.

Berkeley.

2325	Smith	.....Ahnefeld	2000
2326	Robinson	.....English	2750
2327	Same	.....Same	750
2328	Fisher	.....Carson	2300
2329	Peake	.....Texdahl	3000
2336	Elston	.....Gaspard	2438
2361	Spilker	.....Anderson	1800
2367	Spilker	.....Spilker	3000
2375	Clough	.....Gibbons	400
2376	Berrellyn	.....Kollmer	400
2377	Krahn	.....Roust	10000

FRAME DWELLING

(2325) S DELAWARE 250 E California, Berkeley. One-story 5-room dwelling.
Owner.....P. H. Smith, San Francisco
Architect...None.
Contractor...Henry Ahnefeld, 3005 King Berkeley.
COST, \$2000

ADDITION

(2326) NO. 2509 RUSSELL, Berkeley. Five-room addition to dwelling.
Owner...Mrs. Robinson, Premises.
Architect...None.

Contractor...Louis Engler, 2721 Haste, Berkeley.
COST, \$2750

ADDITION

(2327) NO. 2809 RUSSELL, Berkeley.
Addition.
Owner.....Mrs. Robinson, Premises.
Architect...None.
Contractor...Louis Engler, 2721 Haste, Berkeley.
COST, \$750

BRICK BAKERY

(2328) E BONAR 151 N Alston Way, Berkeley. Two-story Class "C" and frame bakery and loft building.
Owner.....C. C. Fisher, 1253 Alston Way, Berkeley.
Architect...None.
Contractor...John Carson, Bacon Bldg., Oakland.
COST, \$2800

FRAME DWELLING

(2329) S ELDORADO AVE 10 W Lassen, Berkeley. One-story 7-room dwelling.
Owner.....F. R. Peake, 2127 University Ave., Berkeley.
Architect...None.
Contractor...C. Texdahl, 3035 Harper, Berkeley.
COST, \$3000

CLASS "C" THEATRE

(2334) S DURANT AVE 110 E Telegraph Ave S 130x E 10, Berkeley.
Carpenter work, mill work, sash and doors, stairs, lumber, rough and finish hardware, scaffolding for other trades, centers for masonry, bolts, turnbuckles and over windows and doors, anchors, iron plates for one-story Class "C" theatre.
Owner.....J. A. Elston, 2334 Bowditch Berkeley & Geo. Clark, 948 Market, San Francisco.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Eklly.
Contractor...Gaspard & Hammond, Sharon Bldg., S. F.
Filed Sept. 21, '14. Dated Aug. 19, '14.
7th and 22nd of each month... 75%
Usual 35 days..... 25%
TOTAL COST, \$2438
Bond, \$1219. Surety, Southwestern Surety Insurance Co. Limit, as soon as possible. Forfeit, none. Specifications only filed.
ALTERATIONS

(2360) NW DURANT & TELEGRAPH Aves, Berkeley. Alterations.
Owner.....Mackenzie & Underhill, 101 Russ Bldg., S. F.
Architect...None.
Contractor...James Gilchrist, 248 Stevenson, San Francisco.
COST, \$300

DWELLING

(2367) S MARION AVE 200 W Fresno, Berkeley. One-story 6-room dwlg.
Owner.....E. B. Spittler, 2154 Ashby Ave., Berkeley.
Architect...None.
Day's work. COST, \$3000

ADDITION

(2375) W FULTON 50 N Channing, Berkeley. Addition.
Owner.....J. F. Clough, 2332 Fulton, Berkeley.
Architect...None.
Contractor...Thos. H. Gibbons, 2027 Hearst Ave., Berkeley.
COST \$400

ADDITION
(2376) NO. 2737 CLAREMONT BLVD., Berkeley. Addition.
Owner.....M. Berrelyn, Premises.
Architect...None.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
COST, \$100

CLASS "C" ADDITION TO THEATRE
(2377) W ADELIN 60 N Felton, Berkeley. One-story "C" addition to theatre.
Owner.....W. F. Krahn, 3326 Adeline, Berkeley.
Architect...Hiram King Lovell, South Berkeley Bank Bldg., Bkly.
Contractor...Abel Roust, 6508 Raymond, Berkeley.
COST, \$10,000

COMPLETION NOTICES.

ALAMEDA COUNTY

Sept. 1, 1914—S SANTA CLARA AVE 250 E Chestnut, Alameda. Annie C Muller to Conrad Roth. Aug. 28, '14
Sept. 1, 1914—NW SIXTEENTH AND Clay S 60xW 100, Okd. M Friedman Realty Co to Clinton Fire proofing Co.....Aug. 25, 1914
Sept. 1, 1914—LOT 33 BLK 18 Map Northbrae, Bkly. Grace C Woodburn to whom it may concern.....September 1, 1914
Sept. 1, 1914—LOT 10 Map Dimond Vista, Okd. Paul E Woodburn to whom it may concern.....Sept. 1, 1914
Sept. 2, 1914—THIRTY-EIGHTH 335 E Broadway, Okd. George H Tyson to Earl Saxton.....Aug. 20, 1914
Sept. 2, 1914—E 41.06 LOT 29, Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....Sept. 2, '14
Sept. 2, 1914—W CASTRO (if extended S) 80 S First W 456.03 S 300 E to Castro (if extended S) N to Pt of bfg, Okd. Pacific Gas & Elec Co to Duncanson-Harrison Co, Inc.....Aug. 25, 1914
Sept. 3, 1914—LOT 44 BLK "C" Map W Woodard to whom it may concern.....Sept. 3, 1914
Sept. 4, 1914—NE DERBY & TELEGRAPH Ave, being No. 2643 Telegraph Ave, Bkly. Richard T Fourth Avenue Terrace, Okd. E Kennedy to P G MacIntyre. Sept. 1, '14
Sept. 4, 1914—LOTS 1 AND 2 BLK "F" Map Bryon Jackson Iron Works Ppty, Bkly. Matilda Palmroos and Mary Neska to Gustaf Johanson.....Aug. 29, 1914
Sept. 4, 1914—NE ELEVENTH AND Franklin E 100xN 37.6, Oakland. Barbara Streit by W Wilde to H F Lass.....Sept. 1, 1914
Sept. 5, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co (by P J Walker Co) to Western Iron Wks. Aug. 27, '14
Sept. 5, 1914—LOTS 28 AND 29 Map Lawton Ave Tract, Okd. Charles McArthur to whom it may concern.....Sept. 5, 1914
Sept. 8, 1914—S FIFTIETH 41.06 W Lawton W 35xS 92, Okd. Chas McArthur to whom it may concern.....Sept. 8, 1914
Sept. 11, 1914—S HOPKINS 180 W 13th Ave. Okd. Tillia A Record to F N Fabing.....Sept. 10, 1914
Sept. 11, 1914—LOT 12 BLK 3 Claremont Park, Bkly. Caroline Wolhold to Jacob Kollmer.....Sept. 10, 1914
Sept. 11, 1914—E THOMAS 37-1 N Napa, Okd. Chas G Helstrom to whom it may concern.....Sept. 10, 1914
Sept. 11, 1914—SW BELVEDERE & Ygnacio Ave, Okd. James Rountree to whom it may concern.....Sept. 3, '14
Sept. 11, 1914—SE TWENTY-FIFTH AND Grove S 60x E 90, Okd. St. George Hall Ass'n to George Fake.....Sept. 5, 1914
Sept. 11, 1914—E 1/2 LOT 30 BLK 16 Boulevard Park, Brooklyn Tp. A F B Real Estate Co to whom it may concern.....Sept. 5, 1914
Sept. 11, 1914—LOTS 6 AND 7 AND 25 Blk 1, Thousand Oaks Heights, Oakland Tp. J H Spring to Spring Constr Co.....Sept. 9, 1914
Sept. 11, 1914—GORE TELEGRAPH Ave and Broadway, Okd. Federal Realty Co to United States Metal Products Co.....Sept. 3, 1914
Sept. 11, 1914—S HOPKINS 130 W 13th Ave W 40xS 130, Okd. Tillie A Record to F N Fabing.....Sept. 10, '14
Sept. 8, 1914—SW CLAY AND 16TH S 60xW 100, Okd. M Friedman Realty Co to Otis Elevator Co.....Sept. 3, 1914
Sept. 12, 1914—SW SIXTEENTH AND Clay, Okd. M Friedman Realty Co to Levy Elec. Co.....Sept. 12, 1914
Sept. 12, 1914—LOT 26 BLK "B" Grand Ave Heights, Okd. C C Borton to Leo L Nichols.....Sept. 12, 1914
Sept. 14, 1914—NO LOCATION GIVEN Okd. H E Selby to John J Victory.....Sept. 11, 1914
Sept. 14, 1914—SW SIXTEENTH & Clay S 60xW 100, Okd. M Friedman Realty Co to L Haws.....Sept. 10, 1914
Sept. 14, 1914—E 25 LOT 5 AND W 5 Lot 6 Blk 2092 Map Alden Tract at Temescal, Okd. Thos Giordano to R Cormack.....Sept. 12, 1914
Sept. 16, 1914—W SHATTUCK AVE 41.5 N Blake N 38.5 W 129.15 S 38.4 E 126.44, Bkly. Eugene L Brock to F E Neilson.....Sept. 6, 1914
Sept. 16, 1914—E COR. MANOR Drive and Holly, Piedmont. A C Davis to James Rountree. Sept. 14, '14
Sept. 16, 1914—SE FIFTIETH AND Lawton, Okd. A H Secombe to whom it may concern.....Sept. 15, 1914
Sept. 17, 1914—LOT 10 BLK 4 Claremont Tract, Bkly. Roy S Haynes to E B Spittler.....Sept. 11, 1914
Sept. 18, 1914—SW HAMPEL AND SE Greenwood Ave SE 42.50xW 110, Okd. H J Quinn to whom it may concern.....Sept. 17, 1914
Sept. 18, 1914—LOT 11 BLK 16 Map Northbrae, Bkly. George R and Nettie C Berling to W S Montgomery.....Sept. 15, 1914
Sept. 19, 1914—LOT 12 BLK "B" Waterside Terrace Tract, Ala. F N Strang to whom it may concern.....Sept. 1, 1914
Sept. 19, 1914—S 30 LOT 4 and N 10 Lot 5 Blk "F" Fourth Ave Terrace Okd. E W Woodard to whom it may concern.....Sept. 19, 1914
Sept. 19, 1914—E WALKER AVE 407.13 S Weldon Ave S 50 SE 100 NE 38.46 NW 102.88, Okd. Leo L Nichols to whom it may concern.....Sept. 18, 1914
Sept. 21, 1914—W BROADWAY 125 N Birnie N 25xW 127, Okd. B and M Cianciarulo to C R Watts.....Sept. 19, 1914
Sept. 21, 1914—LOT 21 BLK 9 and part Lot 20 Map 14th Ave Heights, Okd. R Gerard and Mrs E L Gerard to A H Pallen.....Sept. 19, 1914
Sept. 21, 1914—S 4 1/2 LOT 40 MAP Grand Ave Terrace, Okd. Leo L

Nichols to whom it may concern..... Sept. 18, 1914
 Sept. 4, 1914—LOTS 6 AND 7 Map
 Simmons Property, Bkly., Alameda
 County Home Bldrs. Inc. to whom
 it may concern..... Sept. 15, 1914
 Sept. 21, 1914—LOTS 9 AND 10 BLK
 7 Claremont, Bkly., H L Johnson
 to whom it may concern.....
 Sept. 11, 1914
 Sept. 21, 1914—E WHEELER 167-1 N
 Ashby Ave N 32-8XE 125, Bkly.,
 Edward S and Kate Blackwell to
 J H Skaggs..... Sept. 14, 1914
 Sept. 22, 1914—LOT 23 Map Pied-
 mont Manor, Piedmont, H V
 Parratt to United Home Bldrs.
 Sept. 21, 1914
 Sept. 22, 1914—DANA NO. 2410, Bkly.,
 (on W Diana, bet Haste and Chan-
 neling, Eva M Richardson to
 whom it may concern..... June 1, 1914
 Sept. 23, 1914—LOT 17 Map Fruit-
 vale Vista Tract, Okd., Anna L
 Swanson to Roy B Litton.....
 Sept. 22, 1914
 Sept. 23, 1914—LOT 7 BLK 1 Colusa
 Ave Ext., Bkly., F R Penke Co to
 whom it may concern..... Sept. 22, 1914
 Sept. 21, 1914—S 30-25 LOT 93 BLK
 "B" Map Oak Park Tract in Hawley
 Tract on Richmond Ave 330 S Moss
 Ave, Okd., F H Dailey to whom it
 may concern..... Sept. 12, 1914
 Sept. 24, 1914—N 40-6 LOT 93 BLK B
 Map Oak Park Tract in Hawley
 Tract on E Richmond Ave 330 S
 Moss Ave, Okd., F H Dailey to whom
 it may concern..... Sept. 12, 1914
 Sept. 24, 1914—N SHARTER AVE 470
 E College Ave being ptn Lot 13
 Map Roselawn Park, Okd., Hattie
 E Watsh to John Mowat..... Sept. 21, '14

LIENS FILED.

ALAMEDA COUNTY.

Sept. 2, 1914—LOTS 20 AND 21 Geo W
 Austin's Sbdvn Blk "D" Vernon
 Park Tract, Okd., Leo V Gelder,
 \$118; A P Gaillard and G D Cooper
 (California Roofing Co), \$40 vs
 Howard and Minnie Williford and
 C A Menker.....
 Sept. 2, 1914—LOTS 5 AND 6 Map
 Fruitvale Vista Tract, Okd., F M
 Dreisbach (Zenith Mill & Lumber
 Co) vs Charles E Murdock, A T
 Norwick and C C Hays..... \$159.86
 Sept. 2, 1914—SE MANILA & GLEN-
 dale Aves, being No. 2516 Manila
 Ave, Okd., Herman Bredlow vs E
 L Menker and Howard Williford.....
 \$38.50
 Sept. 3, 1914—LOT 56 Map Gorrill
 Glen, Okd., Spott Bros vs M O
 Briggs and W A Walker..... \$245
 Sept. 3, 1914—FOURTEENTH AVE
 NO. 3418, Okd., Spott Bros vs W A
 Walker and Perry E Baird..... \$225.80
 Sept. 3, 1914—NW TWENTY-4TH &
 Okd., J B Sprague vs O C and Julia
 Bay Place, being Nos. 252-4-6 24th,
 Bryan..... \$25
 Sept. 3, 1914—S FIFTIETH 35.84 E
 Lawton Ave E 45XS 90, Okd., Spott
 Bros vs W A Walker and J M
 Gonzalez..... \$241.95
 Sept. 1, 1914—LOTS 20 AND 21 Map
 Geo W Austin Sbdvn Blk "D" Map
 Vernon Park, Okd., Swift & Wilcox
 vs C A Menker, E L Menker, H W
 Williford and L E Dagle..... \$175
 Sept. 5, 1914—W FIFTH, bet Adeline
 and Magnolia; being Nos. 1165-70
 Fifth, Okd., Sunset Lumber Co vs
 Gio Gillo and E J Theile..... \$374.36

Sept. 5, 1914 S ELM (or 24th) 350
 W Telegraph Ave S 140.6 W 50 N
 140 E 50, Okd., McCreey & Samp-
 son vs M M Horn..... \$2250
 Sept. 5, 1914—NE MANILA AVE, be-
 ing Lots 20 and 21 Map Geo W
 Austin's Sbdvn Blk "D," Vernon
 Park Tract, Okd., J A Turgeon vs
 C A Menker and Howard W Williford
 \$100
 Sept. 5, 1914—LOTS 14 AND 15 BLK 7
 Map No. 4, Regents Park, Bkly.,
 John P Maxwell vs W F Cook,
 Francis E Williams and Alameda
 County Loan Ass'n..... \$124.45
 Sept. 5, 1914—LOT 25 Map North
 Christiansa Tract, Albany, Spott
 Bros vs W A Walker and Karin
 Johnson..... \$190
 Sept. 8, 1914—NE FOURTEENTH &
 Peralta, Okd., A J Hillan vs Wal-
 lace Clark..... \$276.15
 Sept. 8, 1914—LOTS 20 AND 21 BLK
 "D" Vernon Park Tract, Okd., C P
 Hunter and C H McCoy vs H M and
 M Williford..... \$32.50
 Sept. 8, 1914—N FOURTEENTH 90
 W Center 179 to SE Peralta NE
 104.2 E 116.57 S 100, Okd., A J
 Hillan vs Wallace Clark..... \$276.15
 Sept. 10, 1914—LOTS 11 AND 12 BLK
 "L" Laurel Grove Park, Map Laurel
 Grove Park, Bklyn Tp, Oakland, E
 M Williamson vs Amadee Matrat.....
 \$920.68
 Sept. 10, 1914—LOT 71 Map Resbvdn
 Peralta Park, Bkly., Pacific Mfg
 Co vs Otto Mailenan, August Laine
 and Paul Gustafson..... \$740.08
 Sept. 12, 1914—NW COR, GRAND &
 Elmwood Aves W 109.03 NE 34.33
 SW 105.85 S 43.06, Okd., Maxwell
 Hardware Co vs Louis Bernstein
 and Fred Peters..... \$92
 Sept. 14, 1914—LOTS 20 AND 21, Geo
 W Austin's Sbdvn Blk "D" Vernon
 Park Tract, Okd., California Door
 Co vs Howard W and Minnie Williford,
 Charlotte A and Earle L
 Menker..... \$117
 Sept. 15, 1914—LOTS 20 AND 21 Map
 Geo W Austin's Sbdvn Blk "D"
 Vernon Park Tract, Okd., Herbert
 Hansen vs Howard Williford and
 Charlotte A and E L Menker..... \$69
 Sept. 15, 1914—LOTS 20 AND 21, Geo
 W Austin's Sbdvn Blk "D" Vernon
 Park Tract, Okd., A H Bar (Bar
 Mercantile Co) vs Minnie and
 Howard Williford, C A and Earle
 L Menker..... \$120.35
 Sept. 16, 1914—NE ELEVENTH AND
 Franklin E 100xN 3-6, Okd., E
 Anderson vs Barbara Streit..... \$3474.39
 Sept. 16, 1914—LOTS 20 AND 21 Geo
 W Austin's Sbdvn Blk "D" Vernon
 Park Tract, Okd., William Dela-
 cour (Delacour Art Glass Works)
 vs Howard W Williford and Char-
 lotte A and E L Menker..... \$19.32
 Sept. 17, 1914—NE ELEVENTH AND
 Franklin E 100xN 37-6, Okd., C L
 Cummins vs Barbara Streit, Earnest
 Anderson and Wm Wilde..... \$57
 Sept. 17, 1914—LOTS 20 AND 21 Geo
 W Austin's Sbdvn Blk "D," Vernon
 Park Tract, Okd., Pacific Fuel &
 Building Material Co vs Minnie
 and Howard H Williford, C A
 Menker and Nels J Lindstrom..... \$10.15
 Sept. 21, 1914—LOT 9 BLK 1 Map
 Hotel Claremont Tract, Bkly., W
 P Fuller & Co vs Martha L Brown
 and Oscar Sairanen..... \$395.44
 Sept. 21, 1914—E FRANKLIN 256 N
 14th N 65XE 150, Okd., T A John-
 son, \$273; Pacific Fuel & Bldg Ma-
 terial Co, \$732.85; I H Parks, \$28.15

John A Roebbling's Sons Co, \$498.34
 vs Thos S Williams, Henderson,
 Miller Co and David Elms Graham.
 Sept. 22, 1914—E FRANKLIN 256 N
 14th N 65XE 150, Okd., Atlas
 Motor Co vs Thomas S Williams
 and Henderson Miller & Co..... \$71.50
 Sept. 22, 1914—LOTS 20 AND 21 Geo
 W Austin's Sbdvn Blk "D" Vernon
 Park, Okd., J S Cowan vs Howard
 H and Minnie Williford and C A
 Menker..... \$449.78
 Sept. 22, 1914—LOTS 3 AND 4 Map
 Bell Ppty, Bkly., V Burns vs O M
 Bullock..... \$113
 Sept. 24, 1914—NE ELEVENTH AND
 Franklin E 100xN 37-6, Okd., John
 P Maxwell vs Barbara Streit and
 Charles Streit..... \$318.50
 Sept. 25, 1914—LOT 38 Map Pied-
 mont Manor, Piedmont, Taylor &
 Co vs Walter H Creighton and
 George A Posey..... \$137.80
 Sept. 25, 1914—LOT 38 Map Pied-
 mont Manor, Piedmont, California
 Door Co vs Walter H Creighton,
 Chas A Posey and L T Cook..... \$185.06
 Sept. 25, 1914—LOTS 20 AND 21 Map
 Geo A Austin's Sbdvn Blk "D" Ver-
 non Park Tract, Okd., Joe Carroll
 vs Howard W and Minnie Williford
 and C A Menker..... \$20
 Sept. 25, 1914—MANILA AVE NO. 5216
 Okd., Charles F Smart vs Howard
 W and Minnie Williford, Earl L
 Menker and L E Doyle..... \$10
 Sept. 25, 1914—LOT 25 BLK 18 Map
 Northbrae, Albany, H H Schues-
 sler vs N P Jensen..... \$289

SAN JOSE AND THE SANTA CLARA VALLEY.

FACTORY PLANT GROUP—1 and 2
 story and base, steel and corrugated
 iron, \$60,000, Agnew, Santa Clara Co.,
 Cal. Architect, William Binder, Rea
 Bldg., San Jose. Owners, Pacific
 Chemical Co., Berkeley. This group
 of buildings will consist of a factory,
 warehouse, tower and a number of
 smaller buildings. Construction will
 be of steel, concrete and corrugated
 iron. The owners are engaged in the
 manufacture of a by-product of the
 Western Grain and Sugar Co. Special
 machinery and equipment will be in-
 stalled. The company is now operat-
 ing in Berkeley. Plans for these
 buildings have been revised and fig-
 ures will shortly be called.

BUNGALOW—1 story and base,
 frame, \$2,000, San Jose, Santa Clara
 Co., Cal. Architect, none. Owner, S.
 B. Druck, 901 Dalmas avenue, San Jose.
 The house has been designed for a six-
 room dwelling and will be erected on
 Dalmas avenue. Interior will be fin-
 ished in pine and redwood with some
 oak floors. There will be an open fire
 place and tile or brick mantel. Bath
 room and kitchen will have tile wain-
 scot. Exterior of the house will be
 covered with rustic and cement plas-
 ter on metal lath. Plans are complete
 and in the hands of the owner who will
 do the work by Day Labor.

TEMPORARY COTTAGES—1 story,
 frame, \$25,599, Agnew, Santa Clara Co.,
 Cal. Architect, State Architect George
 B. McDougall, Sacramento. Owners,
 State of California. Bids opened for
 constructing temporary cottages for
 males at the Agnew State Hospital
 show Boyd, Kerr & McLean of San
 Francisco low at \$29,599. They will be
 awarded the contract. A complete list

of the bids will be found under the heading of San Jose and the Santa Clara Valley in this issue.

LIBRARY—1 story and base, concrete and frame, \$10,000. South San Francisco, San Mateo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Town of South San Francisco. The building will be designed in the classic style and will contain a large reading room and stack room. Interior finish will be of pine with some oak floors. Furnace heat will be used. Metal book stacks are specified. Exterior of the building will be covered with cement plaster. Plans are being prepared.

SCHOOL—2 story and base, frame and plaster, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Owners, Burlingame Meadows School District. Bids opened for this work show J. J. Leonard, S. F., low on the general construction at \$25,575, and J. C. Hurley, S. F., low on the heating and ventilating at \$2,395. Contracts will probably be awarded these firms. A complete list of the bids received will be found under the heading of San Jose and the Santa Clara Valley in this issue.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Santa Cruz School District. Contractors, Peterson & Wilson, S. F., general construction, \$79,750; plumbing, Byrne Bros., Santa Cruz, \$5,550; painting, A. J. Petitdidier, Santa Cruz, \$3,195; heating and ventilating, J. C. Hurley, S. F., \$9,200, and roofing, H. W. Johns-Manville Co., S. F., \$937. Awards on the vacuum cleaning, program clocks, electric work and window shades were not made. A complete list of the bids submitted will be found under the heading of San Jose and the Santa Clara Valley in this issue.

RETAINING WALL—Reinforced concrete. Cost not stated. San Mateo, San Mateo Co., Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Plans are now being prepared for constructing a concrete retaining wall from a point on the library property to the school building. The work will be along a creek. Plans are now being prepared and figures will be called for shortly.

Bids For Temporary Cottages At Agnew.

Boyd, Kerr & McLean of San Francisco
Low Men. No Action Taken On Award of Contract.

(By Special Wire)

SACRAMENTO, CAL., Sept. 23, 1914.—Bids were opened by the State Board of Control for constructing temporary cottages for males at the Agnew State Hospital at Agnew, Santa Clara County. Boyd, Kerr & McLean of San Francisco submitted the lowest figures at \$29,599. No action was taken on the award. Following is the complete list of bids submitted:

Temporary Cottages.

Boyd, Kerr & McLean.....\$29,599
Robinson & Place..... 31,750

Cereghino & Son..... 34,000
J. W. Carr..... 34,338
R. S. K. MacMillen..... 34,782
Morrison Bros..... 35,818
R. O. Summers..... 36,573
P. G. MacIntyre..... 36,913
L. G. Bergeen & Son..... 37,830

Burlingame School Bids Satisfactory.

J. J. Leonard Low For General Construction and J. C. Hurley for Heating and Ventilating.

Bids were opened by the Burlingame School Trustees for the construction of the new frame and plaster building, designed by Architects Thomas Edwards and Ernest Norberg of Burlingame. J. J. Leonard of San Francisco was low on the general construction at \$25,575 and J. C. Hurley also of San Francisco was low on the heating and ventilating at \$2,395. These firms will undoubtedly be awarded contracts. Following is a complete list of bids as received:

General Construction.

J. J. Leonard.....\$25,575
H. A. Klyce..... 27,355
Carnahan & Mulford..... 29,372
Foster-Vogt Co..... 29,893
Pringle, Dunn & Co..... 30,663
Caldwell & Son..... 30,750
Lindsay..... 31,223
G. J. Deering..... 31,872
Dreyfus Bros..... 32,295
Collman & Collman..... 32,805
J. G. McSheehan..... 33,800
Lange & Bergstrom..... 33,240

Heating and Ventilating.

E. C. Cattie.....\$3,805
J. C. Hurley..... 2,395
Pacific Heater & Blower Co., 2,985
Smoot Company..... 3,300
Scott Company..... 2,560

Contracts For Santa Cruz School Awarded.

Peterson & Wilson Get General Contract and J. C. Hurley The Heating and Ventilating.

The Santa Cruz Board of Education opened a number of bids for the construction of the new two-story concrete school building, designed by Architect W. H. Weeks, San Francisco. The total of the various contracts was found to be well within the amount available for construction and contract for the principal parts of the work were awarded as follows:

General contract, Peterson & Wilson, of San Francisco; \$79,750.

Plumbing, Byrne Brothers, of Santa Cruz; \$5,550.

Painting, A. J. Petitdidier, Santa Cruz; \$3,195.

Roofing, H. W. Johns-Manville Company, San Francisco; \$937.

Heating and ventilating, J. C. Hurley, San Francisco; \$9,200.

Action on the bids for electrical work, window shades and carpets, vacuum cleaning and program clock, was deferred to a future meeting.

There were a number of bids on

each of the contracts, the bidders being as follows:

General Contract.

Peterson & Wilson, S. F.....\$79,750
Thurston & Co., S. F..... 90,140
Howard S. Williams, S. F..... 89,960
Harvey A. Klyce, S. F..... 79,900
Robert Trost, S. F..... 85,150
P. J. Lynch, S. F..... 84,465
Collman & Collman Co., S. F..... 92,000
C. P. Moore Bldg. Co., S. F..... 88,998
Foster Vogt Co., S. F..... 87,587
George W. Reed, Santa Cruz..... 84,290
Williams Bros. & Henderson, S. F. 81,300
Morrison Bros., Santa Clara..... 89,500

Plumbing.

J. F. O'Mara, S. F.....\$5500.00
Turner Co., S. F..... 6990.00
Sengrini Bros., Santa Cruz..... 575.15
Scott Company, S. F..... 7140.00
Whitney Bros., Santa Cruz..... 5760.00
Byrne Bros., Santa Cruz..... 5550.00
P. W. Snook & Co., S. F..... 5600.00

Electrical Work.

Cox Elec. Co., Santa Cruz.....\$5200
Hunt Elec. Co., Santa Cruz..... 5400
General Elec. Constr. Co., S. F..... 5274
Turner Co., S. F..... 5190
McFell Elec. Co., S. F..... 5298

Painting

Mayer Walker, S. F.....\$3750
A. J. Pettidier, Santa Cruz..... 3195
W. T. Baker Co., S. F..... 3870
W. M. Herman & Son, San Jose..... 4300

Roofing.

H. W. Johns-Manville Co., S. F.....\$ 937
Paraffine Paint Co., S. F..... 1078
Western Asbestos Magnesla Co.,
San Francisco..... 1350
San Jose Roofing Co., S. J..... 1500

Window Shades and Carpets.

W. & J. Sloane, S. F.....\$1969.45
D. N. & E. Walter Co., S. F..... 1871.00

Vacuum Cleaning.

Hughson & Merton, S. F.....\$950
J. C. Hurley, S. F..... 893
United Electric Co., S. F..... 945

Program Clock.

Standard Elec. Time Co., S. F.....\$1320
Hughson & Merton, S. F..... 1045

Heating and Ventilating.

J. E. O'Mara, S. F.....\$11,114
Whitney Bros., Santa Cruz..... 10,945
J. C. Hurley, S. F..... 9,200
Robert Dalziel, Jr., S. F..... 10,837
Scott Company, S. F..... 10,290
Pacific Fire Extinguisher Co.,
San Francisco..... 10,250

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

ALTERATIONS

SECOND AND SAN FERNANDO STS.,
San Jose. Alterations.
Owner.....Leon Bros., Premises.
Architect.....None.
Contractor.....A. A. Church, 578 W-San
Carlos St., San Jose.
COST, \$500

COTTAGE

NO. 597 DELMAS AVE., San Jose. Six
room cottage.
Owner.....S. B. Druck, 901 Delmas
Ave., San Jose.
Architect.....None.
Day's work. COST, \$1900

COTTAGE

SW ROYAL AND SAN SALVADOR STS
San Jose. Five-room cottage.
Owner.....Peter Cazana.
Architect.....None.
Contractor.....F. Savio, 44 River St., San
Jose. COST, \$1500

NO. 17 JEROME ST., San Jose. Two-room addition.
Owner...A. A. McCord, Premises.
Architect...None.
Day's work. COST, \$450

FRAME DWELLING
IN SARATOGA. All work for frame dwelling.

Owner.....S. P. Patterson, Saratoga.
Architect...S. P. Patterson.
Contractor...J. Rodoni, Saratoga.
Filed Sept. 15, '14. Dated Sept. 8, '14.
Frame up\$1321
Rough plaster on.....1321
When completed.....1321
Usual 35 days.....1321

TOTAL COST, \$5285

Bond, none. Limit, Oct. 15. Forfeit, none. Plans and specifications filed.

COMMUNION TABLE
STANFORD UNIVERSITY (In the Memorial Church), Palo Alto. All work for Communion Table.

Owner.....Stanford University.
Architect...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor...L. M. Avenalli, 949 Green, San Francisco.

Filed Sept. 18, '14. Dated Sept. 16, '14.
On 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$2050

Bond, \$1025. Surety, Massachusetts Bonding & Insurance Co. Limit, Before Jan. 31, 1915. Forfeit, not less than \$5, or not more than \$10 per day. Plans and specifications filed.

FRAME BUILDING
NW COR. THIRTEENTH & TAYLOR STs., San Jose. All work for two-story frame building.

Owner.....V. Campisi, Premises.
Architect...C. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor...G. Tamburino, San Jose.
Filed Sept. 17, '14. Dated Sept. 17, '14.
Frame up\$1000
Plastering completed1000
Usual 35 days.....1000

TOTAL COST, \$3000

Bond, limit, forfeit, none. Plans and specifications filed.

FRAME DWELLING
ON HOBSON STREET being Lot No. 26 Acacia Park, San Jose. All work for frame dwelling.

Owner.....Bert Kissler, 148 Autumn, San Jose.

Architect...Lee Gardner.
Contractor...Lee Gardner, 196 Hawthorne Way, San Jose.

Filed Sept. 17, '14. Dated Sept. 15, '14.
Frame up\$465
1st coat plaster on.....465
House completed.....465
Usual 35 days.....465

TOTAL COST, \$1860

Bond, \$1025. Sureties, A. L. and T. B. Hubbard. Limit, none. Forfeit, none. Plans and specifications filed.

CONCRETE WALLS
NO. 423 S-FIRST ST., San Jose. Concrete walls to old building.

Owner.....R. Glatt.
Architect...None.

Contractor...A. McCord, 417 Jerome St., San Jose. COST, \$600

ADDITION
NO. 177 S-TENTH ST., San Jose. Two-room addition.

Owner.....J. A. Markres, 179 S-10th St., San Jose.

Architect...None.
Day's work. COST, \$100

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Sept. 19, 1914—LOTS 16 AND 17 BLK 1, Hillcrest, Daly City. Joseph M. De Bare to whom it may concernSept. 18, 1914
Sept. 17, 1914—UPLANDS, San Mateo C Templeton Crocker to Smoot Co, IncSept. 8, 1914

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
Sept. 23, 1914—WOODSIDE (17 acres) H. Lonsfield, \$8.90; C A Stevenson, \$26.50; D W Turner, \$271.40; Acme White Lead & Color Works, \$288.39 to Jefferson J Graves.....

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Sept. 18, 1914—N ½ LOT 9 BLK 1 Range 11 South, North of base line of San Jose. Mary A Pellot to J A WagnerSept. 16, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Sept. 18, 1914—NR COR CHURCHILL and Emerson, Seale Add'n Map No. 1, Palo Alto. E L Morris vs Louise A James\$282.35

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE—Steel and reinforced concrete, \$140,000. Putah Creek, Solano Co., Cal. Engineer, County Surveyor, Fairfield. Owners, Solano County. Final plans for the bridge to span the Putah Creek between Solano and Yolo Counties on the state highway have received the approval of the Board of Supervisors. The bridge will be of steel with reinforced concrete approaches and abutments. Bids will be called for at once. The engineer's estimate is \$140,000.

HOSPITAL COTTAGE—1 story, frame and concrete, \$11,261. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Control for the construction of this building show R. S. K. McMillan of San Francisco low at \$11,261. He will be awarded the contract. A complete list of bids for the work appear under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

ROAD CONSTRUCTION AND BRIDGES—\$88,000. San Rafael, Marin County, Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. At the last meeting of the Board of Supervisors improvements were decided on which will cost the county in the neighborhood of \$88,000. The work is divided as follows: \$20,000 for concrete bridges, \$25,000 for Black Point cut-off, \$5,000 for road

to McNear Point, \$7,000 for Bolinas Bay road, \$7,000 for rocking White's Hill, \$4,000 for Hicks Valley cut-off, \$10,000 for Tocoloma and Nicasio Hill roads.

SEWER WORK—Cost not stated. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. The City Council has passed a resolution of intent providing for a new sewer system for the Alta Heights District. Resolution of intention providing for a 16-inch sewer in First street, to connect with a sewer to be constructed in the new reinforced concrete bridge on First street was also adopted.

HOTEL AND STORES—2 story and base, brick and steel, \$30,000. Pittsburg, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owner, A. Engel. The building will be erected on a corner lot covering an area of 60 by 100 feet. There will be a number of stores on the first floor and in the neighborhood of 50 guest rooms on the upper floor. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are complete and figures are now being taken.

Contracts Awarded.

BRIDGES—Timber construction, \$2,797. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. Contractors, Marin Rock Co., San Rafael. Contract price, \$2,797.

HIGHWAY WORK—\$42,097. Richmond to Martinez. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Bates, Forland & Ayer, Bank of Savings Bldg., Oakland. Contract price, \$42,097.

MacMillen Low On Napa Cottage.

Bids Opened For Chambers Cottage at Napa State Hospital Show San Francisco Man Low.

(By Special Wire.

SACRAMENTO, CAL.—August 21st, 1914.—Ten sets of figures were opened by the State Board of Control today for constructing the Chambers Cottage at the Napa State Hospital. The lowest figures were received from R. S. K. MacMillen of San Francisco at \$11,261. The contract has not been awarded but the work will undoubtedly be awarded to him. Following is a complete list of the figures received:

Cottage at Napa State Hospital.
R. S. K. MacMillen.....\$11,261
E. W. Doughty.....11,395
H. A. Klyce.....11,573
Louis Creghino & Son.....12,200
J. W. Carr.....12,600
C. J. Cole.....13,264
L. G. Bergren & Son.....13,460
John M. Bartlett.....14,342
L. A. Rose.....14,500
McSheehy Bros.15,000

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Chalmer Munday

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BUILDING CONTRACTS.**MARIN COUNTY.****FRAME DWELLING**

5 PETALUMA AVE, San Rafael. All work for one-story frame dwelling. Owner, M. J. Curtin, San Rafael. Architect, none.

Contractor, J. B. Faggiano, San Rafael
Filed Sept. 23, '14. Dated Sept. 22, '14.
Frame up\$592.50
Brown coated 592.50
When completed 592.50
Usual 35 days 592.50
TOTAL COST, \$2370.00

Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications filed.

FRAME DWELLING

8 VILLA AVE, bet Myrtle and Alman Ave., San Rafael. All work for one-story frame dwelling.

Owner, B. Rossi, San Rafael. Architect, none.
Contractor, J. B. Faggiano, San Rafael
Filed Sept. 23, '14. Dated Sept. 17, '14.
Frame up\$325
Brown coated 325
House completed 325
Usual 35 days 325
TOTAL COST, \$1300

Bond, none. Limit, 60 working days.
Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.**MARIN COUNTY.**

RECORDED ACCEPTED
Sept. 22, 1914—TIBURON, Marin Co.
Edward A Creighton to H J
Campbell.....Sept. 9, 1914

**FRESNO, MODESTO STANISLAUS
AND CENTRAL CALIFORNIA.**

SCHOOL—2 story. Class C construction, \$50,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Head Bldg., S. F. Owners, City of Fresno. This building will be known as the Webster School, and has been designed to contain thirteen class rooms and general office. Provision has been made for a large auditorium which will be added later. There will be no basement, the first floor being of concrete slabs and laid on filled ground. Stairs and halls will be of concrete. Interior finish will be of pine with some maple floors. Plans provide for steam heat, oil burning system and program clocks. Exterior of the building will be faced with pressed brick. Plans are complete and figures are be-

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ing taken. Bids will be opened on October 23rd.

SCHOOL—2 story and base. Class C construction, \$77,899. Fresno, Fresno Co., Cal. Architect's name not given. Coates & Traver, Head Bldg., S. F. Supervising Architects. Owners, City of Fresno. Contractor, D. A. Evans, Fresno. Contract price, \$77,899.

TRANSMISSION LINE—Cost not stated. Keene, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Plans have been completed for constructing a transmission line of approximately 9½ miles, connecting the Pacific Light and Power Co.'s plant at Indian Creek with the Kern County rock crusher at Keene. The line is to carry a voltage of 50,000. Bids are now being taken and will be opened by the Board of Supervisors on October 7th. Plans and specifications together will full particulars can be secured from the County Surveyor at Bakersfield. An official proposal appears in another column of this issue.

SCHOOL TOILETS AND PLUMBING—\$5,150. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractors, Baldwin Plumbing Co., Bakersfield.

STREET WORK—Cost not stated. Benicia, Solano Co., Cal. Engineer, City Engineer, Benicia. Owners, City of Benicia. Plans and specifications have been completed here for the improving of East Fifth street between the center of C street and East Fifth street and O streets. Plans and specifications with complete information may be had from the City Clerk at Benicia.

Contracts Awarded.

SCHOOL—1 story and base, frame and plaster, \$12,490. Fresno, Fresno Co., Cal. Architect's name not given. Owners, Fresno School District. Contractor, J. A. Daly, Fresno. Contract price, \$12,490.

BUILDING CONTRACTS.**FRESNO COUNTY.****STORE ROOM**

JAY AND TULARE STS. (Forsyth Building), Fresno. Remodeling of store room, lower floor.

Owner, Wonder Cloak & Suit House, Inc., Fresno.

Architect, C. K. Kirby Jr., Fresno. Contractor, Madarys Planing Mill and E. J. Farr.

Filed Sept. 18, '14. Dated Sept. 16, '14.

¾ work completed\$1194.65

¾ work completed 1194.65
Completed 1194.65
December 26, 1914 1194.65
January 26, 1915 1194.65
February 26, 1915 1194.65
TOTAL COST, \$7167.00

Bond, \$2000. Sureties, F. K. Prescott and C. S. Pierce. Limit, Nov. 15, 1914. Forfeit, none. Plans and specifications filed.

**SACRAMENTO, STOCKTON AND
NORTHERN CALIFORNIA.**

STATE HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. A complete list of the bids recently opened by the State Highway Commission for constructing highways in five counties will be found under the heading of Sacramento, Stockton and Northern California in this issue.

BUNGALOW — 1 story and base, frame, \$2,000. Sacramento, Cal. Architect, none. Owner, Manuel A. Fratis, 1728 D street, Sacramento. The dwelling will be erected on W street and will contain six rooms and bath. Pine and redwood interior finish will be used throughout. There will be some oak floors. Tile wainscot will be used in the bath room. There will be an open fire place and tile mantel. Exterior of the house will be covered with cement plaster and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 1 story and base, frame, \$1,000. Sisson, Siskiyou Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Chief United States Forester Haunmett. The dwelling has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. Furnace heat will also be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with shingles and stone. Plans are complete and figures are being taken.

BANK AND OFFICES—7 story and base, Class A construction. Cost not stated. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Capital National Bank. The building will be erected at the corner of 7th and J streets and will cover a considerable ground area. Construction will be fireproof throughout with a complete steel frame, reinforced con-

crete or brick walls, concrete floors and hollow tile interior partitions. The entire first floor will be occupied by the bank. Upper floors will be arranged for modern offices. Plans provide for steam heat, vacuum cleaning, elevator service, a hot water system and metal window sash and frames. Interior will be finished in pine and hardwood. Marble and tile will be used extensively. Special bank fixtures and special bank vaults will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

JAIL—3 story and base, reinforced concrete, \$40,000. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. The building will be erected on property adjoining the present County Court House and will be fireproof throughout. The design is in the classic style. Provision has been made for two separate wards besides a large guard room and office of the sheriff and under sheriffs. Interior will be finished in pine. There will be steam heat and a modern system of ventilation. Special jail equipment will be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

HOTEL AND COTTAGES—Log construction, \$40,000. Blaisden, Plumas Co., Cal. Architect, Frederick Whitton, 251 Kearny street, S. F. Owners, Interstate Resort Co. Contractor, A. D. Nelson, Nevada Bank Bldg., S. F. general carpentry work only. Contract price, \$40,000.

BRIDGE — Reinforced concrete, \$134,000. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. Contract price, \$134,000.

BRIDGE APPROACH—Concrete concrete construction, \$1,470. Belotta, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin Co. Contractors, Eckfeldt & Curry, Stockton. Contract price, \$1,470.30.

SEWER CONSTRUCTION — \$22,000. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractor, J. W. Terrell, Chico. Contract price, \$22,000.

State Highway Bids As Opened.

New Highways to Be Constructed in Five California Counties. Awards for Work Not Made.

Bids were opened by the State Board of Highway Commissioners for constructing highways in five counties in the state including Siskiyou, Santa Barbara, Contra Costa, Glenn and Santa Clara Counties. Awards were not made on any of the work. A complete list of the bids received, together with the engineer's estimate and a list of the materials furnished by the state follow:

Siskiyou Co., Div. 2, Route 3, Sec. 1.
E. T. Johnson, Portland Ore \$ 71,612.00
Moffett & Mead S. F. 124,026.00

Palmer & McBride, S. F. \$1,794.00
Toohy & Johnson, Phoenix, Ariz. 67,123.20
E. Rolandi, S. F. 72,672.40
Engineer's estimate, \$74,131.41.
Materials furnished by the state:
Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement.
Total, \$5,574.07.

Santa Barbara Co., Div. 5, Route 2, Sec. 15.

R. H. McCray Co. L. A. \$72,294.00
J. W. Calback, San Diego. 58,923.30
Lynn S. Atkinson, L. A. 86,633.25
Engineer's estimate, \$63,047.26.
Materials furnished by the state:
Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$33,677.94.

Contra Costa Co., Div. 4, Route 14, Sec. 11.

Palmer & McBride, S. F. \$60,879.00
Mahoney Bros., S. F. 59,430.00
James H. Smith, S. F. 52,021.00
P. L. Burr, S. F. 48,821.00
O'Brien Bros., Sausalito. 50,346.20
Bates, Borland & Ayre, Okla. 42,697.00
Berry, Mackie & Co., S. F. 55,311.00
E. Rolandi, S. F. 68,924.50
Engineer's estimate, \$54,783.70.

Materials furnished by the state:
Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement.
Total, \$4,169.60.

Glenn Co., Div. 3, Route 7, Sec. A.

A. W. Gorrell, S. F. \$47,961.28
P. H. Hoare, Oakland 51,727.20
Engineer's estimate, \$42,636.71.

Materials furnished by the state:
Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement and sand and coarse aggregate. Total, \$37,760.20.

Santa Clara Co., Div. 4, Route 5, Sec. B.

Occidental Constr. Co., L. A. \$ 95,513.00
Palmer & McBride, S. F. 100,668.00
Peterson & Grier, S. F. 81,110.00
Mahoney Bros., S. F. 89,582.50
W. J. Schmidt, Berkeley. 87,222.50
John A. Marshall, Berkeley. 72,626.00
P. L. Burr, S. F. 88,130.25
E. P. Pendergast, L. A. 95,160.00
Bates, Borland & Ayre, Okla. 89,415.00
Berry-Mackie & Co., S. F. 85,490.00
E. Rolandi, S. F. 84,652.00
Engineer's estimate, \$74,552.78.

Materials furnished by the state:
Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement.
Total, \$5,172.10.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

FRAME RESIDENCE

No. 3102 T STREET COURT, Lot 23 T Street Court, Sacramento. All work for seven-room dwelling.

Owner.....Mier & Sowell, 1023 8th St., Sacramento.
Architect...None.
Contractor..Chatterton Bros., 3126 T Street Court, Sacramento.

COST, \$3500

FRAME RESIDENCE

No. 3101 T COURT, on Lot 21 T Street Court, Sacramento. Six-room frame dwelling.

Owner.....Mier & Sowell, 1125 8th St., Sacramento.
Architect...None.
Contractor..Chatterton Bros., 3126 T Street Court, Sacramento.

COST, \$2500

REPAIRS

No. 311 L ST., on W 1/2 of E 1/2 Lot 7 K, L, 3rd and 4th Sts., Sacramento. Repair fire damage.

Owner.....Albert L. Streeter, 317 P St., Sacramento.

Architect...None.

Contractor..W. L. Rutan, 1704 O St., Sacramento.

COST, \$1200

INSTALL BOILERS

No. 704 L ST., on N 100 ft. Lot 1, L, M, 7th and 8th Sts., Sacramento. Place 1500 gallon tank and install hot water and heating boilers.

Owner.....Eddy Cohen, 172 8th St., San Francisco.

Architect...None.

Contractor..T. P. Jarvis, 275 Connecticut, San Francisco.

COST, \$1200

REMOVE PARTITION.

No. 824 J ST., W 20 ft. Lot 4, J, K, 8th and 9th Sts., Sacramento. Remove partitions, etc.

Owner.....Benevolent & Protective Order of Elks, Elks' Bldg., Sacramento.

Architect...None.

Contractor..Siller Bros., 1400 P St., Sacramento.

COST, \$500

ALTER STORE

No. 500 M ST., on W 1/2 of N 1/2 Lot 1, M, N, 3rd and 4th Sts., Sacramento. Remodel store front.

Owner.....Kli Grocery, 300 M St., Sacramento.

Architect...None.

Contractor..Gene Pendergast, 1208 1/2 J St., Sacramento.

COST, \$300

ALTER RESIDENCE

No. 2209 I ST., on W 1/2 Lot 7, H, 1, 22d, and 23d Sts., Sacramento. Remodel dwelling.

Owner.....W. E. Hammond, Premises

Architect...None.

Day's work.

COST, \$300

ALTER ROOF

No. 1416 ELEVENTH ST., Sacramento

Remove and replace roof.

Owner.....W. A. Weight, 1415 11th St., Sacramento.

Architect...None.

Contractor..Paraffine Paint Co., 34 1st St., San Francisco.

COST, \$350

FRAME RESIDENCE

STANFORD AND CYPRESS AVE., Lot 11, Strawberry, Hill, Sacramento. Five-room dwelling and gas heater.

Owner.....W. T. Foster, 35th and Cypress Aves., Sacramento.

Architect...None.

Contractor..Robert Powell & Co., 2811 T St., Sacramento.

COST, \$1500

ADDITION TO RESIDENCE

IRISE AND CHERRY AVES., Lot 8 Hill and Atkinson Shbyn No. 2, Sacramento. One-story frame addition to dwelling.

Owner.....Charles Weden, Cherry Ave., Sacramento.

Architect...None.

Contractor..John Harris, 1114 P St., Sacramento.

COST, \$400

GAS HEATER

NO. 1045 McCULLOUGH AVE, on Lot 122, W & K No. 25, Sacramento. Install gas heater.
Owner.....Thomas Welsh, 1003 8th St., Sacramento.
Architect...None.
Day's work. COST, \$2500

GAS HEATER

CROCKER AVE, bet. Magnolia and Cypress, Lot 7, Alta Vista, Sacramento. Install gas heater.
Owner.....W. T. Foster, 3400 Cypress Ave., Sacramento.
Architect...None.
Contractor...H. Buck, 3100 Walnut St., Sacramento.
COST, \$1600

GAS HEATER

NO. 2216 TWENTY-SEVENTH, on N ¼ Lot 5, V, W, 26th and 27th Sts., Sacramento. Gas heater.
Owner.....Rosetta Nichols, 21st St., bet. J and K, Sacramento.
Architect...None.
Contractor...Chatterton Bros., 3122 S St., Sacramento.
COST, \$1500

GARAGE

NO. 1400 P ST., W 43 feet of N 110 ft. Lot 1, P, Q, 14th and 15th Sts., Sacramento. Erect garage.
Owner.....J. L. Siller, 1400 P St., Sacramento.
Architect...None.
Day's work. COST, \$1400

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

HOTEL

SW SCHOOL AND PINE STS., being Lot 4 and E ½ feet Lot 3 Bk 9, Lodi. Masonry, carpenter, mill work, concrete floors and slabs, side walk lights and doors, terra cotta flue lining, rough hardware, miscellaneous iron work and composition roofing for three-story and basement hotel.
Owner.....Lodi Investment Co.
Architect...E. B. Brown, Masonic Temple, Stockton.
Contractor...Ernest Green, Modesto.
Filed Sept. 17, 14. Dated Sept. 12, '14.
1st story walls ready for 2nd story joists.....\$5000.00
2nd story walls ready for 3rd story joists.....3000.00
3rd story walls ready for cornice work and roof framing.....3000.00
Concrete slabs of kitchen floor and bank ceiling & balustrade work above cornice and composition roofing completed.. 3000.00
Basement and area floors in place and School street porch completed.....1000.00
All finish on 2d and 3d floors 3000.00
All plate and prism glass in and awning boxes & other exterior wood work completed 3000.00
All work completed.....2435.50
Usual 35 days.....8478.50
TOTAL COST, \$33,914.00
Bond, \$17,000. Surety, Pacific Coast Casualty Co. Limit, forfeit, none. Plans and specifications filed.

CLASS "A" BANK AND OFFICES

NW SUTTER AND MAIN STS., Stockton. Glazing work for ten-story and basement Class "A" bank and office building.

Owner.....Commercial & Savings Bank, 320 E-Main, Stockton
Architect...L. B. Dutton, Chronicle Bldg., San Francisco.
Contractor...California Plate & Window Glass Co., 864 Mission, San Francisco.

Filed Sept. 18, '14. Dated Sept. 14, '14. Semi-monthly installments which with prior payments shall not exceed 75% of the value of the work then completed.....
TOTAL COST, \$3526
Bond, \$1763. Surety, The Aetna Accident & Liability Co. Limit, 41 days. Forfeit, \$50 a day. Plans and specifications filed.

FRAME BUILDING

NO. 2501 O ST., on N ½ of S ½ Lot 8, N, O, 25th and 26th Sts., Sacramento. Erect house.
Owner.....A. Hollenbecker, 163. K
Day's work. COST, \$5000

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Sept. 23, 1914—FARM NO. 240 Valley Oaks Sub, Sacramento. A F Hoive vs Frank V Kingston.....\$69.90

LOS ANGELES AND SOUTHERN CALIFORNIA.

HOSPITAL COTTAGE AND TWO TYPICAL COTTAGES—Concrete and frame, \$79,972. Ventura, Ventura Co., Cal. Architect, State Architect George B. McJougall, Sacramento. Owners, State of California. L. G. Bergren & Son, San Francisco, submitted the lowest figure for constructing the hospital cottage and two typical cottages at the new state institution for girls to be built at Ventura. They will be awarded the contract. A complete list of the figures appears under the heading of Los Angeles and Southern California in this issue.

COALING STATION—Steel and concrete, \$95,000. San Diego, Cal. Engineers, Department of Yards and Docks, Washington, D. C. Owners, United States Government. According to late reports, plans and specifications for enlarging the navy coaling station at San Diego harbor have been completed and work will start at an early date. The plans call for an expenditure of \$95,000, including the extension of the coal platform and the construction of a tume.

BANK AND OFFICES—2 story and base, brick. Cost not stated. Baldwin Park, Los Angeles Co., Cal. Architect, H. J. Knauer, Citizens' Bank Bldg., L. A. Owner, H. A. Church, Glendale. The building will cover an area of 38 by 62 feet. The first floor will be occupied by the bank and one store. Upper floor has been arranged for modern offices. Interior will be finished in pine and hardwood with tile floor in the banking room. There will be a central heating system. Special bank fixtures will be installed. Concrete vault is specified. Exterior of the building will be faced with enameled brick. Plans are nearly complete and figures will be called for at once.

CHURCH—1 story and base, frame. Cost not stated. Beaumont, Riverside Co., Cal. Architect not selected. Own-

ers, First Presbyterian Church of Beaumont. At a recent meeting of the building Committee of the First Presbyterian Church the plans for the new church building were agreed upon and it is expected that construction will start at an early date. No architect as yet has been selected.

STREET WORK—\$37,633.15. Corona, Riverside Co., Cal. Engineer, City Engineer, Corona. Owners, City of Corona. Bids for improving Sixth street from the East Boulevard to Yorba street on the west side of town were opened by the Board of Supervisors here and show: Johnson-Shea Co., \$37,633.15; O. F. Easley Contracting Co., \$38,914.88; W. J. Brandt, \$43,599.54. The bids were referred to the City Engineer and Street Superintendent Tutthill, who will report at the next meeting when award will be made.

Contracts Awarded.

SCHOOL GROUP—1 and 2 story, brick and hollow tile, \$73,000. Alhambra, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Alhambra School District. Contractor, H. F. Roberts, 203 North Marguerita avenue, Alhambra, general construction; Cooney & Winterbottom, Alhambra, plumbing, and Machinery and Electric Co., L. A., heating and ventilating.

APARTMENT HOUSE—3 story and base, frame, \$26,000. Los Angeles, Cal. Architect, none. Owner, Benj. Ishman. Contractors, C. F. Borton Co., Hibernian Bldg., L. A. Contract price, \$26,000.

LAUNDRY—1 story and base, brick and steel, \$35,000. Los Angeles, Cal. Architect, Fred A. Hale, 641 San Fernando street, L. A. Owners, Los Angeles Laundry Co. Contractors, Davidson Construction Co., 16th and Tennessee streets, L. A. Contract price, \$35,000.

SCHOOL—1 story and base, brick, \$13,430. Glendale, Los Angeles Co., Cal. Architect, C. S. Westlake, 1458 Oak street, Glendale. Owners, Glendale School District. Contractor, E. D. Yard, 127 North Maryland avenue, Glendale. Contract price \$13,430.

Ventura Girls' Home Goes To S. F. Firm.

L. G. Bergren & Son Low Men and Will Be Awarded Contract For New State Institution.

(By Special Wire)

SACRAMENTO, CAL.—Sept. 24, 1914 —Bids opened by the State Board of Control for constructing the hospital cottage and typical cottages Nos. 1 and 2 at the California Girls' Home, a new State institution to be located in Ventura. Construction will be of frame and concrete. L. G. Bergren & Son of San Francisco submitted the low figure. Contract for the work will undoubtedly be awarded to this firm. Following is a complete list of the bids received:

Work at Girls' Home, Ventura.

L. G. Bergren & Son, S. F.....	\$79,972.00
Alta Planing Mill Co.....	\$2,489.00
Kling Co. & J. C. Boer.....	\$5,966.00
Mulder & Harnish.....	\$6,986.00
W. E. Kier Constr. Co.....	\$8,600.00

S. W. Hunter Eng. Co.	\$9,226.95
Ventura Mill & Lumber Co.	89,317.00
Willard Slater Co.	91,500.00
Somers & Lund Co.	98,700.00
Southwestern Constr. Co.	114,000.00

PORTLAND AND OREGON.

WAREHOUSE AND FACTORY—1 story and base, reinforced concrete and brick, \$30,000. Portland, Ore. Architects, MacNaughton & Raymond, Title and Trust Bldg., Portland. Owners, Blake-McFall Paper Co. The building will be erected on the northside and will cover an area of 100 by 200 feet. Besides the factory plant and warehouse the building will contain the office of the company. Interior of the office portion will be finished in pine and hardwood. There will be two freight elevators, steam heat and automatic sprinklers. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FACTORY ADDITION—1 story and base, brick, \$10,000. Hillsboro, Ore. Architect, none. Owners, Pacific Coast Condensed Milk Co., Hillsboro. This company has commenced work on the enlarging of its plant here, and will expend about \$40,000 in the enterprise. The present building is too small to care for the milk available. Special machinery will be installed in the new additions.

MUNICIPAL BARN—2 story and base, reinforced concrete, \$50,000. Portland, Ore. Architect, City Building Inspector Plummer, Portland. Owners, City of Portland. The building will be erected at the corner of 13th and Jefferson streets, covering an area of 210 by 73 feet. The basement will be used for storing the street cleaning equipment. The first floor has been arranged for a total of 92 stalls, two box stalls and locker rooms. The second floor will be used for storage purposes and room for the feed grinder and offices. Special electrical work and modern plumbing will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and figures are now being taken.

WATER SUPPLY SYSTEM—\$250,000. Oregon City, Ore. Engineers, Hurlburt & Rands, Henry Bldg., Portland. Owners, Oregon City. Plans and specifications have been completed by Hurlburt & Rands and bids will probably be authorized within a few days for the construction of the pipe line and water system to extend from Clackamas to Oregon City. William Anderson is chairman of the water commission. The work will consist of constructing a large reservoir to have a capacity of 5,000,000 gallons, to be of reinforced concrete construction, grading and building trenches and laying pipe. The pipe to be used will be 20-inch, 18-inch and 16-inch sizes of wood stave pipe. The cost of the work is estimated at between \$225,000 and \$250,000 and the work will probably be authorized at the next meeting of the commission at Oregon City, which has the matter in charge. The completed survey showed a total mileage of 24.9 miles. There will be 13 miles of 18-inch pipe and 7.5 miles of 16-inch pipe. According to the original plan it was the intention of the engineers to use 14-inch pipe, but the sizes have been increased.

IRRIGATION HEAD WORKS. Cost not stated. Hood River, Ore. Engineer, R. A. McClannathan, Heilbronner Bldg., Hood River. Owners, East Fork Irrigation District. Bids will be received by the Board of Directors of the East Fork Irrigation District until October 9th for the reconstruction of the headworks at the intake on the East Fork of the Hood River and construction of main canal for a distance of about six miles. Plans and specifications can be obtained at the office of R. A. McClannathan, Engineer, Room No. 29, Heilbronner Bldg., Hood River, Ore., on deposit of \$5.

SEWER CONSTRUCTION—Reinforced concrete pipe, \$450,000. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. All proceedings for the construction of the East 82nd street and Willow street extension of the East Stark street sewer will be started over, which will cause a delay of about two months in the advertising of bids for the work. This action was necessitated by the rescinding of the project. The work will be of 64-inch and 60-inch pipe to be of reinforced concrete construction, while the Fulton Park sewer, which is to drain Fulton Park, Carson Heights and parts of Capitol Hill and Burlingame will be of 45-inch pipe. This sewer system will also be of reinforced concrete construction and is estimated to cost \$45,000. Bids for the Fulton Park sewer system will be called for in about 30 days.

APARTMENT HOUSE—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner's name not given. The building will be erected at the corner of Broadway and Larabee streets, having a frontage of 50 feet on each street. There will be two modern stores on the first floor. Upper floor will be arranged for apartments and offices. Interior will be finished in pine throughout. Hot water heat will be installed. All suites will have wall beds and private bath rooms. Tile wainscot will be used in the baths. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared.

CULVERT—Reinforced concrete. Cost not stated. Astoria, Ore. Engineer, State Highway Engineer, Salem. Owners, Klamath County. Plans and specifications have been completed under the supervision of the State Highway Engineer, and bids are now being received and will be opened at the office of J. C. Clinton, County Clerk of Klamath County, Astoria, Ore., for the construction of a concrete culvert. The culvert will contain the following materials: 117 yards concrete, 4,450 pounds corrugated steel bars, 6,000 pounds old steel rails, 1,550 feet piling. Plans can be secured from the office of the State Highway Engineer, Salem, Astoria or Portland. Bids close on October 5th.

CHURCH—2 story and base, brick and concrete, \$25,000. Portland, Ore. Architects, Pope & Burton, Salt Lake City, Utah. Owners, Latter Day Saints. The building will be erected at the corner of 25th and Madison streets and will cover a considerable area. The design is in the classic style. The

main auditorium will have a seating capacity of 1,500 people. Basement has been designed to contain Sunday school rooms, pastor's study, a large social hall and kitchen. Interior will be finished in pine. There will be a central heating system. Art glass windows are specified. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures will be taken at once. Rev. Ballard is in charge of the work.

DOCK—1 story, frame and corrugated iron, \$50,000. Portland, Ore. Engineer, G. B. Hegardt, Public Dock Commission, Portland. Owners, City of Portland. The building will be erected on Pier No. 1, and will cover an area of 210 by 230 feet. Special cargo handling cranes will be used. Roof will be of four-ply asbestos. Exterior will be covered with corrugated iron. Plans are complete and figures will be opened on October 2nd. Plans and specifications can be secured from the Portland Dock Commission.

Contracts Awarded.

SCHOOL—1 story and base, hollow tile, \$15,737. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Contractor, A. C. Meyer, 1034 Albina avenue, Portland. Contract price, \$15,737.

SCHOOL—1 story and base, hollow tile, \$12,000. Architect's name not given. Owners, Gilbert School District. Contractor, F. S. Hallock, McKay Bldg., Portland. Contract price, \$12,000.

STORES—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, Claussen & Claussen, Macley Bldg., Portland. Owner's name not given. Contractors, Green & Green, 394 Ross street, Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

RESIDENCE—2 story and base, frame and hollow tile, \$35,000. Seattle, Wash. Architect, David J. Myers, Central Bldg., Seattle. Owner, M. A. Arnold. The dwelling will be erected in the Highlands Tract, and will cover an area of 35 by 109 feet. There will be sixteen rooms, five baths and a garage. The dwelling will set back in the center of large grounds. Interior will be finished in hardwoods throughout. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile and equipped with showers. Plans provide for steam heat and a hot water system. Vacuum cleaning will also be installed. Exterior of the house and garage will be covered with cement plaster. Plans are now being prepared.

LIBRARY—2 story and base, brick and steel, \$30,000. Seattle, Wash. Architect, W. Somerville, White Bldg., Seattle. Owners, City of Seattle. The building has been designed in the classic style and will be practically a fire-proof building. There will be two reading rooms and an assembly hall. Interior will be finished in pine with some hardwood. Hardwood floors will be used. Plans provide for steam heat. Metal book stacks will be used. Besides the two reading rooms there will be an office for the librarian and stack room. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FIRE PREVENTION DAY.

October 9th, 1914, will be the forty-third anniversary of the great Chicago Fire. This fire was caused according to our present information by the upsetting of a lamp or lantern which Mrs. O'Leary carried with her when she went to milk her cow. Nearly all of city of Chicago was destroyed in the resultant conflagration.

In order that good may come from evil and saving be secured through past loss, the governors of most of the western and some of the eastern states have for the past few years designated October 9th, as Fire Prevention Day. The choice of this day is appropriate not only because of its being so important an anniversary, but also because of the time of year. The approach of winter, the accumulation of rubbish during the summer months, the necessity of putting up stoves and fixing furnaces for the winter's use, all combine to render extraordinary care necessary at this particular time.

It is therefore thought advisable for a combined clean-up or fire prevention day to be observed on that date. The governors in these states in designating the day as Fire Prevention Day have called attention to practicable means by which fires can be prevented. Some of these have already been named. In addition it is well to say that the autumn produces a very large proportion of our disastrous forest fires. The long drought of the summer and the presence in the mountains of campers tend to the origin and spread of great forest fires, which not only destroy millions of feet of growing timber, but also threaten the safety of homes and cities. Hence it is appropriate that warning be issued against carelessness here as well as in the home, the store, and the factory.

The admonition to citizens that they clean up the rubbish and debris around their premises; that they overhaul stoves and furnaces and put them in order for the winter; that they remove all other fire hazards as far as possible; that they prevent grass fires and forest fires by being careful to extinguish all bonfires and campfires before leaving them; and that every other possible means be used to reduce the fire waste and add to the sum of human health and happiness, comes sometimes with greater force when it has an official setting. This is given it by the proclamation of the governor suggesting that these things be done.

In some states this is supplemented by school exercises. Suggested programs have been prepared in various states, and booklets sent out telling how a portion of the day can be profitably spent in furthering this most important movement. In some of the states textbooks on fire prevention have been published, and in other states small pamphlets containing simple instructions on fire prevention have been prepared and distributed.

In Utah the Insurance Commissioner both while in office and after retirement, offered prizes to school children for essays on fire prevention, thus arousing interest in the movement from that point of view. It is thought that with strong and united effort on this day, supplemented by the daily care that naturally comes out of it, a great deal can be done to lessen the enormous fire waste which is devastating

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting **direct sales and returns.**

Our Weekly has MANY ADVANTAGES for you.

Learn about them by sending for

Free Sample Copy

Building and Industrial News

560 Mission St., S. F.

the resources, and threatening the financial safety of our nation.

INDUSTRIAL SAFETY PUBLIC HEARINGS.

The Safety Department of the Industrial Accident Commission will hold Public Hearings in Los Angeles on September 21st, in San Diego on September 23rd, in Bakersfield on September 28th, and in Fresno on September 30th. Early in October these Hearings will be continued in the cities around San Francisco Bay, as well as in Stockton and Sacramento.

The Workmen's Compensation, Insurance and Safety Act requires that public Hearings be held before proposed safety orders may be made permanent. That is the Wisconsin idea, and has worked admirably in that State. Its essence is that those directly concerned may participate in legislation for themselves and in this way due consideration is given a subject and there is an avoidance of hasty legislation.

Committees of employers and employees will meet to consider Tentative General Safety Orders and make their recommendations.

The Public Hearings on the dates named will take the form of "Safety First" conferences. The law on the subject will be outlined, the work and plans of the Safety Department discussed, pictures will be thrown on a screen to show the "before" and "after" effects of industrial safety in the factories and workshops of California, and short speeches will be delivered by representative employers, employees and other citizens. Commissioner Will

J. French will preside, and John R. Brownell, Superintendent of Safety, will have charge of the pictures and the plans for discussing the technical part of the orders.

These Public Hearings are open to all interested. The Industrial Accident Commission reports that the co-operation extended by employers and employees in the State of California to the Safety Department has been all that could be desired, and indicative of a strong, public sentiment for a reduction in the number of deaths and injuries in our industries.

FORT MASON TUNNEL NEARING COMPLETION.

Work Progressing on Important Rail Link.

The Fort Mason Tunnel, twice as long as the Stockton street tunnel, is nearing completion. The work which is being done by the State Board of Harbor Commissioners will bring the water front in touch with the exposition, permitting the loading of exhibits on the cars and their delivery to the grounds, through the bore.

The tunnel is 1600 feet in length and extends from Van Ness avenue through the Fort Mason hill. It links the State Belt road with the United States transport docks, which will be a big feature in the carrying of freight and passengers. The work represents an expenditure of \$300,000.

It is estimated that the dried fruit product of California this year will amount to \$10,000,000, not including raisins.

Efficiency and Advertising

by Lloyd C. Comegys

The Greatest of Business Problems.

The greatest of business problems is the obtaining of NET PROFITS. All other matters are details toward the attainment of this end.

It is the object of the business man, and he is succeeding or failing in accordance with the amount of his NET PROFITS. That's what he is in business for.

In seeking to obtain NET PROFITS, certain ways have been learned to be more successful than others, and it is these MORE SUCCESSFUL WAYS, SPECIAL METHODS AND DEVICES for attaining NET PROFITS that have been given the designation of EFFICIENCY.

Efficiency is the Scientific Method of Securing Increased NET PROFITS.

Efficiency is new. Very little of it has been written down in books. As a general tendency it is everywhere, but as a system of thought, it exists only in the minds of a comparatively small number of men.

Those in business, as owners or employees, who understand Efficiency, are inclined to keep this valuable new knowledge to themselves, just as the gold miner, who has struck a rich vein of yellow treasure, is inclined to be secretive about his good luck.

And there are only a few men, as yet, who are practicing as a profession, the installing of Efficiency in offices, business houses, plants and factories.

What Efficiency is NOT.

Efficiency is not a new name for an old truth so far as it relates to industry and to individual success. It is an absolutely new point of view in the business world.

It is not Expert Accounting, for the reason that accounting deals only with records and not with methods.

It is not Economy, for the reason that mere saving is often the most suicidal of all business policies.

It is not Energy, for the reason that misdirected energy is the most universal of all industrial wastes.

It is not Slave-driving, for the reason that one of its main benefits is to elevate and profit the wage-workers, not to degrade or oppress them.

And it is not System, for the reason that the most useless and wasteful actions can be done in the most systematic way. There can easily be too much system, but there can never be too much Efficiency.

Efficiency will get a greater percentage of results for you, without adding to expense, and will reduce costs without lessening results.

Efficiency is needed in the one-man business, as in the concern employing thousands of men. It is as important to the one, as to the other, to increase NET PROFITS.

LOOK INTO THIS SUBJECT OF EFFICIENCY.

It means greater NET PROFITS for YOU!

Efficiency Methods.

As applied to business, and considering individuals only as one of the parts of business used to produce the NET PROFITS desired, Efficiency approaches the particular firm it is called in to assist from every angle, large and small.

Almost the first matter to be considered is the question of OVERHEAD CHARGES. This subject, though almost the controlling feature as to whether or not the firm is to make NET PROFITS,—is probably the most neglected and wrongly handled of all business subjects. The subject is a difficult one and in consequence many avoid looking it squarely in the face, as soon as they have made a semblance of settling upon a percentage for their firm.

Efficiency takes hold of this subject and in a scientific way lines the facts about it up in connection with the other features of the business.

Another difficult problem is Salesmanship and the other one advertising. These are constructive and productive forces and the most valuable.

Here it is that Efficiency gains greater results without increased costs, and lesser costs without reducing results.

And the modern Salesmanager and Advertising manager approaches his work from an Efficiency standpoint.

The Small Firm.

The small firm having less margin in the way of expense for a large office force, needs to utilize the time of its employees to the very best advantage. This means that without the employee working harder or longer, that the results he produces may be made much greater, simply by a change of his methods of Work or the Facilities to work with. The small firm therefore needs EFFICIENCY Methods as much, if not actually more than the larger ones.

What Trade Name Advertising can do as Efficient Sales Co-operation.

It can give general publicity to your trade name and goods in the locality you desire to cover, through the use of newspaper, magazine, program, mail and bill-board advertising. The results would come to you through the sales made by your representatives or selling-houses in those localities. Such advertising so establishes the character and value of your offerings or products as to largely relieve your selling-houses, representatives and salesmen from so establishing or informing regarding who you are and the general lines that you offer.

This leaves the salesmen or selling-houses free to devote their entire time to actual sales making and eliminates a large amount of waste effort on their part in connection with your offerings.

Advertising may be very profitably used in obtaining inquiries regarding your offerings and getting in touch with live prospects or those whose minds have already been directed or centered upon taking your proposition. These inquiries or leads to prospects may then be turned over to your representatives or salesmen, who thus can produce many times the results that they otherwise could if left alone to scatter their efforts in a general way.

GOOD WILL.

The good will of a firm that is established through advertising coming directly from the house is the most valuable kind, in that it cannot be materially affected by the presence or absence of any particular salesman.

ADVERTISING.

In plain words means explaining to possible customers of whatever you have to offer, who you are, and what you have to offer. Notice, I say to possible customers and it is right here where so much money is lost in advertising, even 'when it is properly done and contains real pulling or selling power. Be sure you are advertising to possible customers of your particular offerings and not to the general public or to those who would under most circumstances not want them. A trade magazine is one of the very best mediums for reaching the exact people in your line.

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..... Efficiency and Time Saving Methods and Devices

..... Advice On Business Problems-Adjustments-Collections

LOYD C. COMEGYS, Commercial Attorney

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Issued Weekly, \$3.00 Per Year

Fourteenth Year, No. 40.

BUILDING AND INDUSTRIAL NEWS

**A Weekly Publication Devoted to the Architectural, Building,
Engineering and Industrial Activities of the Pacific Coast.**

SUCCESSORS TO

"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

Wednesday, October 7, 1914.

SAN FRANCISCO AND OAKLAND,

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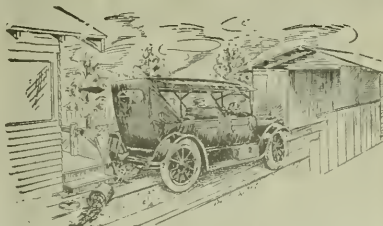
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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, October 7, 1914

Fourteenth Year, No 40



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OFFICIAL ORGAN
of the
CONTRACTORS' AND DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

The completion of the Civic Center and the city improvements dependent upon the sale of bonds to the public are liable to suffer some depression on account of the condition of the money market caused by the war.

It is fortunate that the greater part of the improvements are already completed as the marketing of bonds under present conditions would be a difficult task.

In this regard the Secretary of the Treasury has taken definite steps to prevent the hoarding of money in federal banks. This is a move in the right direction. And the new banking system provides for safety for deposits and an equal basis for all banks in such a way that small concerns are not likely to suffer from the strain any more than the large ones. This action of the Secretary is particularly favorable to all people interested in building for the reason that there must be ready money for the purpose. When banks refuse to loan on gilt edge security business soon comes to a stand still.

Lists of the National banks throughout the state and their reserves have been published and with reference to the order of the Secretary the Fresno Republican has this to say:

"Secretary McAdoo announces that he will now regard the possession of an excessive reserve by any bank as an announcement by that bank that it is refraining from doing its share toward the active business life of its community and is confining itself to its merely passive function of being a storehouse for other people's money. The appeal to citizens generally not to hoard their money, but to deposit it in banks, has been based on the fact that money in banks does its part toward moving the business of the community, while money in stockpiles does not do so. But if the money put in banks is to be retained there either by excessive interest or by excessive caution in the extension of credits, it might as well be buried in the ground as put in the banks. The secretary of the treasury therefore announces, so far as national banks are concerned, that any of them which indicate by the accumulation of excessive reserves that they are adopting this policy, will be deprived of all assistance or support of the government through deposits or otherwise, and will receive an unwelcome amount of free advertising upon the authority of the secretary of the treasury in their respective communities.

The co-operation of state bank superintendents in a similar policy toward state banks will be invited. This is a new method of averting panic and

promoting trade, and a decidedly bold one, but it is a decidedly welcome and well justified one."

The reported destruction of the old Cathedral at Rheims is one of the catastrophes of the war. It is said to be the most perfect example of Gothic architecture in Europe, that form of building construction which is identified with and which typifies the great religious life of the middle ages. The war is yet young and aside from the appalling destruction of human life which it has entailed the irreparable destruction of property will daily grow larger and larger. The great library at Lovain has gone up in smoke. The art treasures that have accumulated for untold years will be obliterated and the world will be made that much the poorer.

And for why? To allow some monarch to perpetuate his breed and oppress the people by military rule. And today the whole world suffers, the life blood of every nation is being poured out upon the battlefields and before the end, no doubt, whole peoples will be annihilated because the people have allowed this rule of monarchs to encumber the earth.

Before the Primary there was a great deal of talk about the fact that those candidates who were endorsed by more than one party would be refused the privilege of putting their names on any ballot at the general election. As every body knew there was no merit to such a contention. The reactionaries resorted to the time-honored custom of appealing to the Supreme Court. That court has decided that the Primary law is all right from a legal standpoint and that people registered under any party name can vote for whom they please for any party.

The wild appeal is made by the Chronicle that all the present candidates for Lieutenant Governor would destroy the Republican party if they could. And what is the Republican Party? Is it the little coterie of men headed by Harrison Gray Otis and Michael De Young, who thus assume to be the personification of all the virtues and traditions of the Republican Party?

What is there in a name that any man with sense enough to sit up should follow it when it leads to destruction? Has the voter no more reason than a South African nigger that he should worship the party name and vote the party ticket and perpetuate the rule of a band of pirates? Every man should vote for the principles and the men that he thinks are right. For only then will enlightened self government and free institutions survive.

Purifying Water By Electricity.

How the Ultra Violet Rays of the Mercury Vapor Quartz Lamp Are Used For Sterilizing Water.

By M. von Recklinghausen.

Sterilizing water appears to be a rather peculiar task for electricity to perform, but it has been used successfully in Europe and particularly in France. The general European war has, of course, interrupted the course of further investigation. The following abstract of a paper presented before the American Institute of Electrical Engineers by Von Recklinghausen, an authority on this application of electricity, is of decided interest:

The only industrially applied source of ultra-violet light is the mercury-vapor quartz lamp. The spectrum is known by its bright lines in the visible part and by a large number of typical lines in the ultra-violet part, found that we had to go pretty fully into the question of the measure of the ultra-violet power of the different light sources at our disposal, so as to give the mercury quartz lamps the electrical characteristics which made them most useful for the creation of ultra-violet light. It is a well known fact that the skin takes a less ghastly hue under the quartz mercury lamp than under the ordinary mercury-vapor lamp. Spectroscopic examination shows that this is due to a considerable increase of the intensity of the red lines in the spectrum of the quartz lamp. This phenomena was examined somewhat more closely, with the following results:

An ordinary 110-volt lamp was taken, which normally operates at 3.5 amperes and 80 volts; it was operated at different wattages obtaining thereby, naturally, different temperatures of the mercury arc. A spectro-photometric analysis was made of the five principal colors, composing the visible light of these lamps. Assuming the intensity of each color at the lowest wattage as unity, we note that increasing the wattage of the lamp tends to increase the red more than the other colors. It might, therefore, be expected that the increase of the ultra-violet rays with increasing temperature of the lamp would be somewhat like the increase at the violet end of the spectrum, that is to say, proportionately less than at the red end. As will be seen from what follows, this is not the case. There is obtained, on the contrary, a considerably greater increase in ultra-violet than in violet rays with increasing temperature of the lamp.

The most efficient way for the mercury lamp to react upon water seems to be, a priori, to submerge the lamp entirely in the water which is to be sterilized. Direct contact, however, of the water with the heated lamp influences the luminous and ultra-violet efficiency of the quartz lamp to an enormous degree. It seems to be certain, therefore, that it is better, if one wants to plunge the light source into the water, to protect the lamp from direct contact with the water, and this system has been adopted with modern apparatus. This protection against direct contact can be secured

by fusing over the lamp a wide quartz jacket which prevents contact of the light-giving portion of the lamp with the water.

Difficulties, however, arose in the manufacture of such jacketed lamps and it was found advisable to construct the apparatus in such a way that the lamp was removable from the protective jacket, allowing, nevertheless, all the light to enter the water. Another method is to let the water circulate in such a way around the lamp that it would not come into contact with it, receiving nevertheless practically all the rays emitted by the lamp.

Where it is more a question of convenience and less a question of efficiency the simplest method is evidently to place the lamp above the water, but as close as possible to the surface. Unfortunately, reflectors placed above such lamps, have a low efficiency in reflection of ultra-violet rays. It may, therefore, be said that with such apparatus hardly half the rays of the lamp will enter into the water.

Different germs have different sensibilities to the ultra-violet rays. The one of greatest interest to us are the water bacteria and we find that they are killed in as short a time as 1-20 second, at a distance one to two centimeters from the powerful ultra-violet ray lamps. Water being practically as transparent as air to the ultra-violet rays, we are therefore certain that if a germ floats in the water it will be annihilated by getting into the illuminated zone, the condition for this being that no suspended matter is contained in the water which would form a shield for the germ.

Water for this sterilization has, therefore, in most cases to be filtered before being submitted to the sterilizing action of the rays. However, even very good filters will allow some microscopic matter to pass. It is much more effective, as shown by experiments, to stir up such water while it is going through the illuminated zone so as to turn over and over any particles which otherwise might allow microbes to pass by under cover. For the same reason, also, it is best to pass the water through several illuminated zones, which can easily be done by leading the water several times towards the same source of light, or by passing it successively under several sources of light.

The largest unit ever built was set up about two years ago in the city of Luneville, France, to sterilize the city water supply. It consists of a flume into the sides of which ten 500-volt pistol lamp equipments are inserted. These equipments consist of metal boxes for the starting of the lamps (the latest types of them contain also the rheostats). The boxes are equipped on the inside with a stuffing box arrangement holding the quartz protective tube which protrudes into the water. The lamps are lit in the starting boxes and then their luminous parts are inserted into the protective

tubes, so that the light emitted from the lamp enters the water.

The raw water fed into this plant comes from the Meur River and contains sometimes as high as 60,000 germs per cu. cm. It is clarified by a series of roughing filters and one filter. After this it is physically in fairly good condition, being very poor in suspended matter, but having from time to time fairly deep color (up to 15 U. S. standard) in solution. The germ contents are sometimes as high as 1,000 per cu. cm. in this water. It is then passed through the sterilizing unit described above, coming under the influence of the light from one to two minutes altogether, according to the number of lamps running. This number (sometimes only 4) depends on the physical condition of the water, which is easily observed. The bacteriological tests of the water when leaving the sterilizer rarely show more than 10 germs per cu. cm. and are often zero. Bacterium coli is always eliminated. Not only are the bacteriological tests satisfactory; the health of the community has improved considerably. Typhoid used to cause from 70 to 100 deaths annually; it is now practically eliminated, there being no cases at all this year.

Another typical installation was made in New York lately for the purification of the water of a swimming pool, which is naturally exposed to continuous pollution from the bathers. The water in this case is circulated continually through a filter to take out suspended matter and then it passes through the ultra-violet ray sterilizer. This apparatus is similar to the Luneville unit except for its size, as it contains only two 220-volt pistol lamps. It is rated at 175,000 gallons capacity per day. Tests at the outlet of the sterilizer show only a few germs, and tests of the water going to the purifying apparatus have improved from 6,000 germs per cu. cm. to about 350 germs per cu. cm. since the introduction of the ultra-violet ray apparatus.

The smallest lamp used in the above apparatus operates at 110 volts with two amperes. The largest made so far is for 500 volts, 2.5 amperes. The largest apparatus built contains ten of the last mentioned lamps. The power consumption in such a case, with a very large safety coefficient for the sterilization, is between 50 and 130 kw. h. per million gallons of water. This amount of power is evidently not very great, but it will always do something to smooth out the load curve of a power station, as, in most cases, such apparatus will be operated continuously. Many installations of this kind have been made in Europe for both small and large waterworks, and they are operating very successfully. Their simplicity and rapidity of action are highly satisfactory.

From The Isolated Plant.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete. Cost not stated. Engineers, Bad & Fisher, Nevada Bank Bldg., S. F. Owner's name not given. The building will be erected in the Fifty Vara District, and will contain a number of two and three room suites. All apartments will have wall beds and private baths. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, a hot water system and elevator service. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are out for figures.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, William Wilde, 1725 Broadway, Oakland. Owner, R. Pozzi. The building will be erected at the corner of 23rd and Harrison streets, and has been designed to contain two, three and four room apartments. There will be wall beds and private bath rooms. Pine and redwood interior finish will be used. There will be some oak floors. All bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water supply. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and new figures are being taken.

LOS ANGELES, CAL.—Apartment house, 1 story and base. Class C construction. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. The building will be erected at the corner of Hope and Fifth streets, covering an area of 61 by 65 feet. There will be a total of 76 suites in the building, arranged in two and three room apartments. All apartments will have wall beds and private baths. Interior will be finished in pine and elm. Plans provide for steam heat, a hot water system and automatic elevator. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Plans are complete and figures will be called for at once.

BANKS

SAN FRANCISCO—Bank, 1 story, frame and plaster, \$10,000. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owners, Anglo-California Trust Co. The building will be erected on Fillmore street near the Exposition Grounds, and is intended to care for the company's business in that section of the city during the Exposition year. The design is in the classic style. Interior will be finished in pine. Plans provide for special bank fixtures and equipment, including bank vault and safe deposit vaults. Exterior of

the building will be covered with cement plaster. Plans are now being prepared.

BONDS.

SAN DIEGO, SAN DIEGO CO., CAL.—Mayor O'Neal has announced that when the Volcan water proposition is voted on there will also be included on the ballot a \$500,000 proposition for development of the San Diego River. The proposition was suggested by the Mayor and endorsed by several councilmen.

SAN FERNANDO, LOS ANGELES CO., CAL.—An election will be held here on October 15th in the San Fernando Union High School District of Los Angeles County, to vote bonds of \$150,000 to raise funds for the purchase of sites, erection of school buildings and the furnishing of same. F. M. Wright is a member of the School Board.

FRESNO, FRESNO CO., CAL.—At the general election this city will vote on the proposition of bonding the county for \$200,000, the funds to be used in the erection of a Hall of Records.

WATSONVILLE, MONTEREY CO., CAL.—The question of bonding Monterey County for \$350,000 for bridge and road improvement will go on the November ballot. The money will be apportioned as follows: Bridges, \$250,000; roads, \$25,000.

VACAVILLE, SOLANO CO., CAL.—Engineer, Steiger after working some time has come to the decision that the estimate for the bond issue for improving the streets of Vacaville will be about \$125,000. It is probable that the question will be submitted to the voters in two propositions. No date as yet has been set for the election.

OWENSMOUTH, LOS ANGELES CO., CAL.—An election will be held in the Chatsworth Park School District of Los Angeles County on October 20th for the purpose of voting bonds in the sum of \$35,000. The funds will be used in the purchasing of school lots, erecting school buildings and making necessary alterations and repairs to the present buildings. Mrs. Minnie Gray is one of the school trustees of the district.

SIERRA MADRE, LOS ANGELES CO., CAL.—An election will be held on October 14th for the purpose of voting bonds in the sum of \$20,000, the funds to be used in the erection of school buildings and the making of additions to the same. J. H. Wright and Edward T. Pierce are the Trustees of the Sierra Madre School District for which the bonds are being voted.

HERMOSA BEACH, LOS ANGELES CO., CAL.—An ordinance has been adopted by the Board of Trustees of Hermosa, calling for a bond election to vote bonds of \$10,000 for acquisition and construction of a city hall building. Bonds of \$5,000 will also be voted for the purchasing of fire apparatus.

SAN GABRIEL, LOS ANGELES CO., CAL.—Bonds in the sum of \$8,000 have

been voted here for the construction of a school building. Work on the building will be started as soon as bonds are sold.

LONG BEACH, LOS ANGELES CO., CAL.—Long Beach electors have defeated the proposition to purchase holdings of the Long Beach Bath House on the beach for \$700,000. The bonds were defeated by a majority of 618.

BRIDGES AND DAMS.

SANTA BARBARA CO., CAL.—Bridges, 2, steel and reinforced concrete, \$10,000 and \$75,000. Engineer, County Surveyor F. F. Flourney. Santa Barbara. Owners, Santa Barbara County. A \$10,000 bridge, 400 feet long and 77 feet high to carry the State Highway across the water way at El Guamada, is now occupying the attention of County Surveyor F. F. Flourney. The structure has been demanded by the State Highway Commission to enable them to get to the grade along their survey. Plans for another bridge have also been started. This bridge will be 625 feet long and 80 feet high across the Arroyo Honda. The structure will cost in the neighborhood of \$75,000.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, steel pony truss. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications have been completed and approved for constructing a bridge on the Podfish road over L'vas Creek. Bids are now being taken for the work and figures will be opened on October 19th. Plans and specifications can be secured from the County Surveyor at San Jose.

WOODLAND, YOLO CO., CAL.—Bridge, timber construction. Cost not stated. Engineer, County Surveyor, Woodland. Owners, Yolo County. Plans for the construction of the wooden bridge to span the new Woodland-Knights Landing road over the Knights Landing ridge cut in Yolo County have been submitted to the Knights Landing Drainage Commission for its approval. Bids will be called for on approval.

BRIDGES

RIVERSIDE, RIVERSIDE CO., CAL.—Bridge, reinforced concrete construction. Cost not stated. Engineer, County Surveyor, Riverside. Owners, Riverside County. Bids will be received by the Board of Supervisors of Riverside County up to October 10th for the construction of a concrete bridge over the San Jacinto River near the San Jacinto Hot Springs in accordance with plans and specifications, which may be obtained from County Surveyor Fulmor.

CHURCHES.

LOCKEFORD, SAN JOAQUIN CO., CAL.—Church, 1 story and base, frame, \$10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners,

Lockeford Congregational Church. The building will contain a main auditorium, social rooms and Sunday school rooms. Interior finish will be of pine throughout. There will be furnace heat. Exterior of the building will be covered with rustic. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Church addition and alteration, frame construction. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church. The work will consist of new interior plastering and decoration, art glass windows and painting. The nave will be extended, this portion of the building being of brick with a slate roof. Plans are being prepared.

RIVERSIDE, RIVERSIDE CO., CAL.—Church, 1 story and base, frame, \$10,000. Architect, Lester S. Moore, 596 Blaine street, Riverside. Owners, Providence Congregational Church. The main auditorium will seat in the neighborhood of 200 people. Besides the auditorium there will be Sunday school rooms and social rooms. The building will cover an area of 64 by 65 feet. Interior will be finished in pine. There will be modern plumbing and electric work. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SANTA MONICA, LOS ANGELES CO., CAL.—Church, 1 story and base, frame and plaster, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, First Baptist Congregation. The building will cover an area of 50 by 90 feet and will contain an auditorium seating 300 people besides 15 class rooms and pastor's study. Interior will be finished in pine. There will be art glass windows and ornamental plaster work. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

PORTLAND, ORE.—Church, 2 story and base, reinforced concrete, \$10,000. Architects, Tourtellotte & Hummel, Rotechild Bldg., Portland. Owners, First Methodist Church. The building will be erected at the corner of 14th and Taylor streets, covering an area of 100 by 60 feet, and will be of fireproof construction. The ground floor will be arranged for general club rooms and social parlors, while the upper floor will contain an auditorium to seat 600 people and a number of class rooms. Interior finish will be of pine and ornamental plaster. Art glass windows will be installed. There will be a central heating system and modern plumbing. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

COURT HOUSES.

SACRAMENTO, CAL.—Court house grounds, etc. Cost not stated. Architect, A. K. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. Bids opened by the Board of Supervisors for the improving of the north half of the Court House block show the following bidders and figures: E. M. Bernier, \$18,500; G. W. Martin & Son, \$18,546; Telchert & Ambrose, \$16,374; J. Lawrence, \$17,995.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Shop building, 2 story and base, brick and steel, \$18,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The building will be erected on the north side of Golden Gate avenue east of Hyde street, and will be used by the Department of Electricity. Interior will be finished in pine throughout. A large amount of special electric equipment will be installed. There will be a central heating system. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Warehouse, 1 story, steel and corrugated iron, \$5,000. Architect, none. Owners, Dyer Bros., 17th and Kansas streets, S. F. The building will be erected on 16th street between Rhode Island and Kansas streets, adjoining other buildings of the same company, and will be used for storage purposes. Exterior will be covered with corrugated iron. Plans are in the hands of the owners who will erect the building by Day Labor.

SEATTLE, WASH.—Cold storage warehouse, 6 to 8 story and base, Class A construction. Engineers, Port of Seattle Commission, Seattle. Owners, City of Seattle. Bids for the construction of the proposed cold storage warehouse to be built by the Port of Seattle Commission have been opened and show the Pearson Construction Co. of Seattle the lowest bidder on their bid of \$164,935 for the eight-story structure and \$114,997 for the smaller building. It is expected that the contract will be awarded to them.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Fire alarm station equipment. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and installing generator equipment and switch boards for the new Central Fire Alarm Station will be found under the heading of San Francisco in this issue. Awards were not made.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, James Gleeson, 551 5th avenue, S. F. The building will be erected on the north side of Anza street east of 8th avenue, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exterior will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, A. Peterson, 844 Guerrero street, S. F. Owner, Mrs. Fannie E. Martinez. The building will be erected on the west side of College avenue south of Stuart, and will con-

tain two flats of five and six rooms. There will be open fire places in the living rooms with tile or brick mantels. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, J. C. Thomas, S. F. Owner, P. K. Clausen, 433½ 19th avenue, S. F. The building will be erected on the north side of Clement street east of 23rd avenue, covering an area of 25 by 48 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Tile wainscot will be used in the bath rooms and kitchens. Each living room will have an open fire place and tile mantel. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, San Francisco Building Co., 45 Kearny street, S. F. The building will be erected on the west side of 19th avenue south of Lake, covering an area of 27½ feet by 70 feet. Plans provide for two flats of five and six rooms. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. An open fire place will be used in each living room. Mantels will be of tile. Tile wainscot will be used in the baths. Marble wainscot is specified for the entrance. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor.

GOVERNMENT WORK & SUPPLIES.

Light Fixtures for San Francisco.
Allowance for special fixtures, \$7,500. Stock fixtures, Wahle-Phillips Co., New York, \$375; Cassidy & Son Mfg. Co., New York, \$416.55; Reading Chandelier Works, Reading, Pa., \$300; The Tiffany Studio, New York, \$593; Home Light Co. of America, New York, \$326.25; Horn & Brannan Mfg. Co., New York, \$555.00; Gas Fixtures and Brass Co., Cleveland, \$391.10; Sterling Bronze Co., New York, \$350; Ickelheimer Bros. Co., San Francisco, \$175.

Mare Island, Cal., Quay Wall.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for pile and lumber work for reconstructing quay wall at the navy yard, Mare Island, Cal.:

The Thompson Bridge Co., 103 Main street, San Francisco, Cal., \$20,534.
Healy-Tibbitts Construction Co., San Francisco, Cal., \$30,000.

Milk River Irrigation Project.

The Reclamation Service is asking for proposals for the reconstruction of Dodson South Canal at Dodson Bridge, in connection with the Milk River irrigation project, Mont. This work involves about 71,000 cubic yards of

excavation, 12,000 cubic yards of puddled filling, 5,200 cubic yards of riprap, 40 cubic yards of concrete, and the moving of two steel bridge spans, abutments, and pier. The work is situated on the south side of Milk River, about one and one-quarter miles south of Dodson, Mont. The bids will be opened at the office of the Reclamation Service, Malta, Mont., on October 28, 1914.

Pearl Harbor, Ice Machine.

The Vilter Manufacturing Company, of 873 Clinton street, Milwaukee, Wis., has received the contract through the bureau of yards and docks, Navy Department, for an ice-making and cold-storage plant to be installed at Pearl Harbor, Hawaii.

Brown's Point, Wash., Riprap.

The following bids were received by the light house inspector, 17th district, Portland, Ore., for furnishing 350 tons of stone and riprap for Brown's Point light station, Wash.:

W. L. O'Connell, Seattle, Wash., \$2.10 ton; accepted.

American Pile Driving Co., Everett, Wash., \$2.45 ton.

J. M. Clapp, Seattle, Wash., \$2.70.

Elliott Bay Tug & Barge Co., Seattle, Wash., \$3.08.

Alki Point, Wash., Riprap.

The following bids were received by the light house inspector, 17th district, Portland, Ore., for furnishing 400 tons of stone and riprap for Alki Point light station, Wash.:

W. L. O'Connell, Seattle, Wash., \$2 ton; accepted.

American Pile Driving Co., Everett, Wash., \$2.60.

J. M. Clapp, Seattle, Wash., \$2.70.

Elliott Bay Tug & Barge Co., Seattle, Wash., \$3.08.

Robinson Point, Wash., Riprap.

The following bids were received by the light house inspector, 17th district, Portland, Ore., for furnishing 350 tons stone and riprap for Robinson Point light station, Wash.:

W. L. O'Connell, Seattle, Wash., \$2.10 per ton; accepted.

American Pile Driving Co., Everett, Wash., \$2.45 ton.

J. M. Clapp, Seattle, Wash., \$2.70 ton.

Elliott Bay Tug & Barge Co., Seattle, Wash., \$3.08.

Fort Columbia, Ore., Approach.

Under bids opened by the quartermaster at Fort Stevens, Ore., the contract for reconstructing the approach to the wharf at Fort Columbia has been awarded to C. L. Houston, of Astoria, Ore., at \$3.345.

Reclamation Service, Cement.

The Secretary of the Interior has authorized the Reclamation Service to execute contract with the Portland Cement Co., of Utah, for furnishing 3,000 barrels of Portland cement for use in connection with the Strawberry Valley irrigation project in Utah. The contract price is \$1.28 per barrel f. o. b. cars, Salt Lake City.

Brigham City, Utah, Post Office.

The contract for the construction, complete, of the U. S. post office at Brigham City, Utah, was awarded to George A. Whitmeter & Sons, Ogden, Utah, at \$50,234, using limestone; plus

alternate 2, painting plastered surfaces of all finished rooms in first and second stories, \$959; total, \$51,193, 14 months.

Canal Requisitions.

The purchasing officer of the Panama Canal will soon call for bids for furnishing the following material and supplies:

30,000 letter-size folders.
1,956 prs polished brass butt hinges.
25 pieces natural black slate, sand-rubbed, finished on all sides.

For bracing between piers:

A quantity of round rods, turn-buckles, sleeve nuts, plate washers, and square nuts.

For anchors for quay walls:

A quantity of rods, bridge pins, turn-buckles, and square nuts.
For Balboa shops:

2 paint mills for grinding pigment
The following material for construction work at Ancon, Balboa, and in oil.

Gatun underground cable;
48 cable end bells.

64,500 ft single-conductor cable.
17,670 ft 3-conductor cable.

150 gals insulating compound.
400 copper sleeve connectors.

60 3-way connectors.
90 primary subway type cut-outs.

210 cartridge fuses.
145 lead sleeves.

100 split sleeves.
500 lbs solder.

65 bus wire supports.
600 lbs varnish cambric tape.

13 transformers.

It is the intention of the Panama Canal to purchase the above articles for use in connection with an underground system of distribution for light and power. The underground system will comprise a conduit line, together with manholes, which are of two types, a cable-pulling manhole and a subway transformer manhole.

HALLS AND SOCIETY BUILDINGS.

SAN MATEO, SAN MATEO CO., CAL.

Lodge hall, 2 story and base, reinforced concrete. Cost not stated. Architect, Will D. Shea, 244 Kearny street, S. F. Owners, Knights of Columbus Hall Association. The building will contain a large motion picture theatre on the ground floor and lodge rooms and offices on the upper floor. Interior will be handsomely finished in pine and hardwoods. There will be steam heat. Modern electric work will be installed in the theatre. Exterior of the building will be faced with cement plaster. Plans are being revised and new figures will be called for shortly.

RICHMOND, CONTRA COSTA CO., CAL.

Club house, 1 and 2 story, frame and plaster. Cost not stated. Architect, none. Owners, West Side Women's Club. The women of the West Side Improvement Club are considering the erection of a new club house for their organization. Several sites are now being contemplated, and it is thought that plans will soon be underway for the proposed structure.

CONCORD, CONTRA COSTA CO., CAL.

Club house, 2 story and base. Class C construction, \$10,000. Architect not selected. Owners, Concord Druid's Hall Association. Articles of incorporation of the Druid Hall Asso-

ciation of Concord have been filed with the County Clerk. The corporation has been formed with the purpose of building a new lodge hall. The capitalization of the incorporation is \$10,000. The directors are: G. Bartolomei, John Cereghino, Galindo Crenna, Antonio Vasconi of Concord, and M. Solmi of Pacheco.

EUGENE, ORE.—Armory, 1 story

and base, reinforced concrete, \$50,000. Architects, Hunzicker & Preusse, Eugene. Owners, State of Oregon. The building will cover an area of 160 feet square and will be of semi-fireproof construction with reinforced concrete walls, floor and roof slabs. Interior has been arranged for a large assembly hall and drill room, completely equipped gymnasium with swimming pool and showers and a number of private rooms. Interior finish will be of pine. A maple floor will be used in the drill room. There will be steam heat and modern plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOSPITALS.

SAN FRANCISCO—Hospital nurses'

home 3 story and base, frame, \$17,000. Architect, A. I. Coffey, Ilumholdt Bank Bldg., S. F. Owners, St. Francis Hospital. The building will be erected at the corner of Bush and Hyde streets in the rear of the present hospital. The building will cover an area of 32½ by 60 feet, the first floor being given over to laboratories. Upper floors will contain about 12 rooms to the floor. Interior finish will be of pine throughout. There will be a hot water supply and steam heat. Exterior of the building will be covered with terra cotta. Plans have been out for figures and a contract will be awarded at once.

HONOLULU, HAWAII—Quarantine

tanks and tower, concrete construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for a reinforced concrete water tower and tank are complete and out for figures. Bids will be opened on October 27th. Plans and specifications can be secured from the Superintendent at the post office building, San Francisco. An official proposal appears in another column of this issue.

OAKLAND, CAL.—Old People's home

group o 1 and 3 story and base, brick and reinforced concrete, \$50,000. Architect, Oscar Haupt, Phelan Bldg., S. F. Owners, California Altsenheim. The buildings will be in the nature of an addition to the present building at Fruitvale and Hopkins streets. There will be a large dining room, wards and private rooms. The buildings will be heated by steam from the central plant. Interior finish will be of pine. Exterior will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Sanitarium, 2

story and base, frame, \$19,000. Architects, Elite Planners, 144 5th avenue, Oakland. Owner, W. N. Downey. The building will be erected at the corner of 5th avenue and East 5th street and will contain a number of private rooms, operating rooms and ward. Interior will be finished in pine with some hardwood floors. Tile wainscot

will be used extensively. A central heating system and hot water supply will be installed. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are complete and segregated figures will be taken at once.

HOTELS.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel and stores, 3 story and base. Class C construction, \$10,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, R. E. Wilhoit & Son. The building will be erected on a corner lot and has been designed to contain a number of stores on the ground floor besides the hotel lobby. Upper floors will contain in the neighborhood of 50 hotel rooms besides the baths. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will be finished in tile. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, H. R. Schulze, 512 East 17th street, Oakland. Owners, L. D. and H. B. Allen, 128 Sutter street, S. F. The dwelling will be erected on the west side of 8th avenue north of Moraga and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, William Koenig, 750 Parnassus avenue, S. F. The dwelling has been designed for a seven-room house with bath and will be erected at the northwest corner of Ashbury and Congress streets. Interior finish will be of pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame and plaster, \$10,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, Edwin Newman. The dwelling will be erected in Jordan Park, and has been designed for an eight-room house with three baths and sleeping porch. Interior will be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air, and open fire places. Mantels will be of tile or brick. Bath

rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

SAN FRANCISCO—Residence alterations, frame. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner, Benj. Abraham. This work will consist of new interior finish, hardwood floors, plumbing, painting, plastering and electric work. No exterior alterations will be made. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owners, Thomas Vodden & Son, 1015 Cole street, S. F. The dwelling will be erected on the north side of Balboa street west of 9th avenue, and has been designed for a seven-room house with bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Residences, 5, 2 story and base, frame, \$60,000 to \$100,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Little. These houses will be erected on the west side of 11th avenue north of Balboa, and will each contain eight rooms, two baths and sleeping porches. Interiors will be finished in pine, white enamel, blue gum and eastern oak. There will be furnace heat and open fire places. Hardwood floors will be used throughout. Mantels will be of tile and brick. All bath rooms will be finished in tile. Exterior will be covered with cement plaster on metal lath and brick veneer. Work will be done soon as the architect can complete the working drawings.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,000. Architect, none. Owner, J. Lehman, 959 Aggar street, Oakland. The dwelling will be erected on Wellington east of 13th avenue, and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors will be used. Plans provide for furnace heat and open fire places. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, George Fedderwitz. The house has been designed to contain six rooms and bath, and will be erected on University avenue. Pine and redwood will be used for interior finish. Hardwood floors will be used throughout. There will be an open fire place in the living room. Mantel will be of brick. Tile wainscot will be used in the bath room. Exterior of the dwelling will

be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$12,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in the Claremont Tract, and has been designed for a ten-room house with several baths and sleeping porches. A garage will also be erected on the property. Interior of the house will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air, and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

WOODLAND, YOLO CO., CAL.—Residence, 1 story and base, frame, \$4,000. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owner, Ralph Schluer. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire place. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, Mrs. R. Clifford. The dwelling will be erected in Claremont, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and floors. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

SACRAMENTO, CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, none. Owners, J. J. Jennings, 719 J street and H. C. Muddox, 2930 K street, Sacramento. These two dwellings will each contain five rooms and bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, H. H. Gutterson, 80 Post street, S. F. Owner, H. W. Wernse. The dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be

of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

REDWOOD CITY, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$30,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Jacob Stern. The dwelling will be erected on property adjoining the home of Louis Stern, and has been designed for a modern country residence. There will be in the neighborhood of fourteen rooms, several baths and sleeping porch. Stables and a garage and hot house will also be erected. Interior of the house will be finished in pine and hardwoods. Hardwood floors will be used in all principal rooms. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and will go out for figures in a week or ten days.

SAN FRANCISCO—Residence, 2 story and base, frame and brick veneer, \$15,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, Samuel Lowenstein. The dwelling will be erected at the southwest corner of Webster and Broadway, and has been designed to contain twelve rooms, three baths and sleeping porch. A private garage will also be constructed. Interior finish will be of pine, hardwoods and white enamel. Hardwood floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster and veneer pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, G. H. Lewis, 4005 37th street, Oakland. The dwelling has been designed for a seven-room house with bath and will be erected on Emerson street south of 37th. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SILSON, SISKIYOU CO., CAL.—Residence, 1 story and base, frame and stone, \$5,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Head Forester Schuller, Sissons. The dwelling has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of stone and tile. Tile wainscot will be used in the bath rooms. Exterior of the house will be covered with stone veneer and cement plaster. Plans are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$2,500 each. Architect, none. Owners, G. E. Baggott, 150 Terrance

street, and A. M. Whiteside, 71 south 19th street, San Jose. Each of these dwellings will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harold B. Dunn, Van Nuys Bldg., L. A. Owner, E. R. Dunbar. The dwelling has been designed in the Swiss Chalet style and will contain nine rooms, two baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. Open fire places and tile and brick mantels will be used. Bath rooms will be finished in tile. Exterior of the building will be covered with shakes and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residences, 1 and 2 story and base, brick, \$75,000. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owner, Roland Bishop. The dwelling will contain sixteen rooms, six baths and sleeping porches. A two-story frame garage will also be erected on the property. Interior of the dwelling will be finished in mahogany and white enamel. Hardwood floors will be used throughout except in the baths, which will have tile floors and wainscot. There will be steam heat, a hot water supply and vacuum cleaning. Art glass will also be used. Exterior of the house will be faced with pressed brick. A large retaining wall and formal gardens will be constructed. Plans are now nearly complete and figures will be called for in a short time.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, John Bjorkman, 2793 Mission street, S. F. The dwelling will be erected on Geneva avenue and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Some oak floors will be used. There will be open fire place in the living room with a tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, James Baughman. The dwelling has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with shingles. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, W. E. Brown. The dwell-

ing has been designed for a five-room house and will be erected in Melrose Heights. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place with tile or brick mantel. Tile will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 1½ story and base, frame, \$2,500. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, R. A. McWilliam. The dwelling will be erected in Fourth Avenue Heights, and has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architects Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Small. The dwelling will be erected on Newton avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

LARKSPUR, MARIN CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Norman Coulter, 46 Kearny street, S. F. Owner, George Eckert. The dwelling will be erected in Baltimore Park, and has been designed for an eight room house with baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit booth, frame construction, \$15,000. Architect Oscar C. Haupt, Phelan Bldg., S. F. Owners, California Fruit Canners' Association. The booth will be erected in the Horticultural Building at the Exposition and will be arranged to display the products of the company in their many branches. Fruits of the state will be shown as selected by the company before their process and the work of canning and preparing will also be shown. Plans are now being prepared.

POST OFFICES.

SAN FRANCISCO—Subterranean vault equipment. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. New figures are being called for on furnishing and installing metal vault equipment for the new United States Subterranean under construction in San Francisco. Bids will be opened on October 7th. Plans and specifications can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION AND EQUIPMENT.

BENICIA, SOLANO CO., CAL.—Electric railroad. Cost not stated. Engineer's name not given. Owners, Benicia Land and Terminal Co., Benicia. The City Trustees have been asked for a franchise for an electric road through the city streets to the city limits on the Vallejo road. The application was made by A. T. Brown, president of the Benicia Land and Terminal Company, who proposes to build a road from Benicia to Vallejo and a line from Benicia to Winters. A franchise will be applied for at the next meeting. Officials of the company state that the road will be in operation within one year.

SCHOOLS.

SAN FRANCISCO—School fire escapes. Cost not stated. Architects, City Department of Architecture, Temporary City Hall S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on October 7th for furnishing and installing fire escapes on the new Burnett School. Plans can be secured from the Department of Architecture.

FOLSOM, SACRAMENTO CO., CAL.—School, 1 story and base, hollow tile construction, \$25,000. Architects, Geo. C. Sellon and Alden W. Campbell, 1005 K street, Sacramento. Owners, Folsom School District. Plans for this building have been revised and new figures are being taken. The building will contain eight class rooms and an assembly hall. Interior will be finished in pine with some maple floors. There will be a central heating system and oil burning equipment. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans and specifications can be secured from the architects.

PALO ALTO, SANTA CLARA CO., CAL.—School gymnasium, 1 story and base, brick. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr. University. Preliminary plans are being prepared for the new gymnasium to be erected for the women of the University. The building will be similar in construction to the new gymnasium recently constructed for the men. Exterior will be faced with pressed brick. Steam heat and modern plumbing will be installed. Special apparatus will be installed. Working drawings are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—School plumbing. Cost not stated. Architect, none. Owners, Richmond School District. Bids for

the installation of the sanitary equipment for the Lincoln School in this city were opened by the School Trustees. The following bids were submitted: M. Morton, \$5,417; M. B. Roberts, \$5,745; Jas. Cruickshank, \$6,201. The Trustees have taken the bids under advisement. An award will be made at an early date.

RICHMOND, CONTRA COSTA CO., CAL.—School, 2 story and base, brick or hollow tile, \$50,000. Architects, Stone & Wright, Stockton. Owners, Richmond School District. That bids for the construction of the Grant School, which is to be built in East Richmond, will be called for in about ten days, is the opinion of the School Trustees. Tentative plans for the building have been looked over. Architect L. S. Stone of Stockton has announced that all but a few blue prints are completed. W. E. Leland of San Francisco, a heating engineer, has presented plans for the heating system.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete and brick, \$160,000. Architect, F. A. Naramore, Court House, Portland. Owners, City of Portland. The building will be erected at the corner of 20th and Hoyt streets and will be of semi-fireproof construction. There will be twenty-four class rooms, an auditorium seating 700 people, domestic science and manual training departments and a large gymnasium with swimming pool and showers. Interior will be finished in pine throughout with maple floors in the class rooms. There will be a central heating system, probably steam heat with oil burning equipment. Modern school plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are now being taken. Bids will close on October 19th. Plans and specifications can be secured from the architect.

ATHENA, ORE.—School, 2 story and base, brick, \$35,000. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, Athena School District. The building will cover an area of 78 by 128 feet and will contain eight class rooms, assembly hall, auditorium and teachers' rooms. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat and modern school plumbing. Slate blackboards will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—School, 2 story and base. Class C construction, \$30,000. Architect, J. Carl Thayer, Fresno. Owners, Fresno School District. The building will be known as the Jefferson School and will contain six class rooms and an assembly hall. First floor and all corridors and stairways will be of concrete. Interior will be finished in pine with maple floors in the class rooms. A central heating system with oil burning equipment will be installed. Slate blackboards will be used. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will shortly be called.

Contracts Awarded.

PALO ALTO, SANTA CLARA CO., CAL.—Men's gymnasium, 1 story and base, brick, \$100,000. Architects, Bakewell & Brown 21 Kearny street, S. F.

owners, Leland Stanford, Jr., University. Contractors, Larsen & Sampson, Crocker Bldg., S. F. Contract price not stated.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Water distributing system. Cost not stated. Engineer, Lt. Col. W. H. Hart, 1086 North Point street, S. F. Owners, United States Government. Bids will be opened by Lt. Col. Hart on October 10th for constructing a water distributing system in the National Cemetery at the Presidio of San Francisco. Plans and complete information can be secured on application to Lt. Col. Hart. An official proposal appears in another column of this issue.

SAN FRANCISCO—Tunnel construction, \$3,475,300. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Hans Pederson of Seattle submitted the lowest figures for the construction of the new Twin Peaks Tunnel. His bid was \$3,475,300. The Board of Public Works states that he will be awarded the contract. A complete list of Mr. Pederson's unit prices for the work appears under the heading of San Francisco in this issue.

SAN FRANCISCO—Power station, 1 story and base, brick and steel, \$25,000. Architect, General Construction Department Pacific Gas and Electric Co., 445 Sutter street, S. F. Owners, Pacific Gas and Electric Co. The building will be erected at the northwest corner of 24th and Balboa streets and will cover a considerable ground area. Construction will be fireproof. Interior will be finished in cement and pine. A cement floor will be used. Special electric work will be installed by the company. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN MATEO, SAN MATEO CO., CAL.—Retaining wall, reinforced concrete. Cost not stated. Architects, Havens & Toepke, 46 Kearny street, S. F. Owners, City of San Mateo. Bids will be opened by the City Trustees on October 15th for constructing a retaining wall of reinforced concrete from the Library to a point on the school property. The wall will protect the earth along the creek. Plans can be secured from the architects.

VALLEJO, SOLANO CO., CAL.—Sewer extensions. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Property owners north of Georgia street and east of the railroad tracks have petitioned the City Council to provide for extending the sewers of this city. In response to the petition the City Engineer has been instructed to make a survey and submit a report to the council at their next meeting.

SAUSALITO, MARIN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. Bids will be opened on October 12th by the City Trustees for paving approximately 30,000 square yards of the city streets. Plans and complete particulars can be secured from either the City Clerk or City Engineer.

BENICIA, SOLANO CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Benicia. Owners, City of Benicia. Specifications have been

completed here for the improving of East Fifth street between the center of C street and East Fifth street and O street. Plans and specifications with complete information may be had from the City Clerk at Benicia.

LENARE DISTRICT, FRESNO CO., CAL.—Irrigation project, \$150,000. Engineer's name not given. Owners, Summit Lake Investment Co., Fresno. A. C. Cranor, Griffith-McKenzie Bldg., Fresno, is representing the Summit Lake Investment Co., which owns some 125,000 acres of land located about 25 miles out of Fresno in what is known as the Lenare District. This tract is irrigated by 14 artesian wells, and the excess waters are to be carried off in new canals and ditches. Mr. Cranor is to have entire charge of the construction work, which has been estimated to cost in the neighborhood of \$150,000.

GRASS VALLEY, NEVADA CO., CAL.—Water distribution. Cost not stated. Engineer's name not given. Owners, Nevada Water Consumers' Association, Grass Valley. The Nevada Water Consumers' Association will hold an important meeting at the headquarters of the Chamber of Commerce in this city on October 10th. At this meeting it is expected that some definite action will be taken on the system of water distribution to reclaim thousands of acres in the southern part of the county. Although the Pacific Gas and Electric Co. has seemingly passed the matter up, the association is endeavoring to adopt some co-operative plan for the building of the canals. It is possible that the Supervisors will be petitioned to call an election to allow the people to vote irrigation bonds.

SACRAMENTO, CAL.—Paving plant, \$10,000. Engineer, none. Owner, A. Teichert, Ochsenr Bldg., Sacramento. A new asphalt paving plant will be constructed at the corner of Oakes and Railroad avenues. The work will be done by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Trunk sewer work, concrete, \$32,000. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids will be opened on October 8th for constructing a trunk line sewer between the southern part of the city and the new city sump. Plans and specifications can be secured from the City Engineer.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Highway work, \$1,000,000. Engineer, County Surveyor, F. F. Flourney, Santa Barbara. Owners, Santa Barbara County. The survey of the proposed road over the Najoqui hill from the State Highway at the foot of the Najoqui over the Alisal grade to the Santa Ynez Mission, connecting the Santa Ynez county with the State Highway has been commenced. J. H. Kincaid has been sent out by County Surveyor F. F. Flourney to take charge of the work. The road to be surveyed is eight miles long, over hills, and is one of the proposed roads to be built under the expected bond issue of \$1,000,000. The order for this survey was given by the Board of Supervisors before the bond issue was proposed.

VALLEJO, SOLANO CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Because of an error in the specifications, the paving on Georgia street from Colusa to Contra Costa in Vallejo is again postponed, the City

Street Improvement Company having asked the City Council to release them from their contract. It appears that no reference was made in the call for bids for the cement sidewalks, not usually included in street work advertisements. New bids will be called for immediately.

SAN JOSE, SANTA CLARA CO., CAL.—Highway work and lighting. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the meeting of the Board of Supervisors September 28th, the following important matters were gone through. Plans and specifications for improving the highway known as the Alameda were presented by the County Surveyor and on motion adopted, and the Clerk directed to advertise for bids for said work; bids to be opened Monday, October 19th, 1914, at 11 o'clock a. m. Plans and specifications for lighting Willow Glen Highway Lighting District were adopted by the Board and the Clerk directed to advertise for bids for said work; bids to be opened Monday, October 12th, 1914, at 11 o'clock a. m.

FRESNO, FRESNO CO., CAL.—Canal repairs and headgates. Cost not stated. Engineer, none. Owners, Fresno Canal and Irrigation Co., Fresno. More than seventy-five men will be put to work in a few days cleaning and repairing the 450 miles of canals controlled by the Fresno Canal and Irrigation Company. New headgates on concrete foundations will be installed in many places. The work will last several months. A section of the Enterprise Canal north of Clovis may be cemented to prevent flood damage.

WOODLAND, YOLO CO., CAL.—Gas plant improvements, \$50,000 to \$60,000. Engineer, none. Owners, Pacific Gas and Electric Co. Rather indefinite plans are being prepared by the officials of the Pacific Gas and Electric Co. to improve gas service in this place. The project is either to construct a new plant altogether or to lay a pipe line from Sacramento and discontinue the making of gas here. Whichever plan is put into effect the cost will be between \$50,000 and \$60,000.

MARYSVILLE, YUBA CO., CAL.—Highway work. Cost not stated. Engineer, County Surveyor, Marysville. Owners, Yuba County. At a meeting of the M. M. and E. recently a resolution was adopted, favoring the construction of a lateral from the main trunk of the State Highway from Marysville to Downieville via Smartsville, Nevada City and Camptonville. The proposed route from Camptonville to Downieville would follow along the North Fork of the Yuba River. A committee is urging that this lateral be built. James K. O'Brien of Smartsville and Commissioner Miller of Nevada City will be asked to serve with the joint committee.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Street paving, \$27,500. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, Clark & Henery, Stockton. Contract price, \$27,500.

SACRAMENTO, CAL.—Sewer work, \$22,000. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractor, J. W. Terrell, Chico. Contract price, \$22,000.

BYRON, CONTRA COSTA CO., CAL.—Irrigation work. Cost not stated. Engineer's name not given. Owners, Byron-Bethany Irrigation District. Bids for the excavation of three miles of the main canal in the Byron-Bethany Irrigation system have been opened and the contract awarded to Steel Bros., of Ceres, Stanislaus County, on their bid of 13c per cubic yard. Murray Bros., of Hughson, Stanislaus, were the next lowest bidders, their bid being 15c per cubic yard. Work is expected to start immediately. The main ditch will be 6 to 7 feet deep, 7 to 12 feet wide at the bottom and 20 to 30 feet wide at the top. Digging will commence at Bruns Hill, about a mile south of Byron Hot Springs, and will extend southward toward Bethany for a distance of three miles. Branches will later extend to the Mountain House road. North of Bruns Hill will extend laterals to the Byron-Brentwood line, a distance of several miles. Water will be taken from the Italian Slough. A channel will be dredged about a mile and a quarter to the Bruns Hill.

STORES AND OFFICES.

SAN ANSELMO, MARIN CO., CAL.—Stores 1 story and base reinforced concrete, \$10,000. Architects, Dooliver & Sawig, Royal Insurance Bldg., S. F. Owner, Mr. Walcott. The building will be designed to contain several stores. Interior finish will be of pine. There will be large plate glass display windows and patent store fronts. Exterior of the building will be faced with cement plaster. Plans are being prepared.

CONCRETE HOUSE BUILDING IN CANADA.

[From the Government Labor Gazette, Ottawa.]

Work on 25 new concrete houses in Berlin, Ontario, is being pushed. The construction of these houses is a comparatively new feature in building, the contractor having the latest machines therefore. Molds are put up for the entire house, and by means of a large derrick the concrete is poured from the top and when dry has the appearance of brick. Although the 25 houses will be alike in size and shape, no two will be alike in finish, which will be in woodwork colors.

A NEW USE FOR CONCRETE.

In building a ferry landing stage at Sydney, Australia, a big pontoon made of reinforced concrete was adopted. It was 100 feet long 68 feet wide at one end and 43 at the other, and 7 feet 9 inches, giving it a freeboard of 32 inches. The bottom was flat, and the sides and ends were given an inclination of 70 degrees. The pontoon was divided into 48 water-tight compartments, and was carefully reinforced and strengthened to withstand the pressure of vessels lying alongside. A live load of 150 tons is provided for, and the structure weighs 650 tons. It is expected that this concrete structure will require little attention in the way of repairs, will be permanently water-tight and will overcome many other troubles that the ordinary wooden or steel pontoons are subject to.

PROPOSALS

Bids Wanted

PROPOSALS FOR STEEL PIPES.

STEEL PIPES—Department of the Interior, U. S. Reclamation Service, Los Angeles, Cal. Sealed proposals will be received at the office of the U. S. Reclamation Service, 602 Federal Building, Los Angeles, Cal., on **October 13, 1914**, for erecting riveted steel pressure pipes for the Okanogan project, Wash. For particulars address U. S. Reclamation Service, 602 Federal Building, Los Angeles, Cal., or Washington, D. C. O. H. ENSIGN, chief electrical engineer.

PROPOSALS FOR TOWER AND TANK.

TOWER AND TANK—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 4 p. m. **October 27, 1914**, and then opened, for the construction of a concrete water tower, concrete tank, etc., at the quarantine station, Honolulu, Hawaii, in accordance with the specification and drawing, copies of which may be obtained at this office, at office of superintendent of repairs, U. S. post office, San Francisco, Cal., or at the office of the custodian of the station at Honolulu, Hawaii, in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR VAULT EQUIPMENT.

VAULT EQUIPMENT—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 4 p. m. **October 7, 1914**, for the construction and installation of metal vault equipment for the new United States subtreasury at San Francisco, Cal. Drawings and specifications may be obtained at this office, in the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR DISTRIBUTING SYSTEM.

WATER DISTRIBUTING SYSTEM—Office of the Depot Quartermaster, 1066 North Point Street, San Francisco, Cal.—Sealed proposals will be received here until 10 a. m. **October 10, 1914**, for a water distributing system for the San Francisco National Cemetery, Presidio of San Francisco. Further information may be had upon application to W. H. HART, lieutenant colonel, quartermaster corps, depot quartermaster.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. **October 28, 1914**, for the reconstruction of Dodson South Canal at Dodson Bridge. The work involves about 71,000 cubic yards of excavation, 12,000 cubic yards of puddled filling, 5,200 cubic yards of riprap, cubic yards of concrete, and the moving of two steel bridge spans, abutments and pier. The work is situated on the south side of Milk River, about one and one-quarter miles south of Malta, Mont., a station on the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 602 Burke Building, Seattle, Wash.—Sealed proposals for dredging and jetty construction in Port Townsend Bay

and Oak Bay, Wash., will be received at this office until 12 m. **October 16, 1914**, and then publicly opened. Information on application. J. B. CAVANAUGH, major, engineers.

PROPOSAL FOR LANTERN.

LANTERN—Sealed proposals will be received at the office of the light house inspector, Portland, Ore., until 2 o'clock p. m. **October 10, 1914**, and then opened, for furnishing one standard fourth order lantern. Blank proposals and particulars may be obtained by addressing the light house inspector, Portland, Ore.

PROPOSALS FOR CANAL OUTLETS.

CANAL OUTLETS, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Malta, Mont., until 2 p. m. **October 13, 1914**, for construction of Nelson reservoir outlet canals, dikes and controlling works, involving about 67,500 cubic yards of earth excavation, 1,200 square yards of rock paving and 900 cubic yards of reinforced concrete. The work is situated about 4½ miles north of Ashfield Station on the main line of the Great Northern Railway. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., September 18, 1914.—**SEALED PROPOSALS** will be opened in this office at 3 p. m. **October 7, 1914**, for construction and installation of metal vault equipment for the new United States Subtreasury at San Francisco, Cal. Drawings and specifications may be obtained at this office, in the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. **October 13, 1914**, for the construction of Nelson reservoir outlet canals, dikes and controlling works, involving about 67,500 cubic yards of earth excavation, 1,200 square yards of rock paving and 90 cubic yards of reinforced concrete. The work is situated about 4½ miles north of Ashfield Station on the main line of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. F. H. NEWELL, director.

PROPOSALS FOR COAL PLATFORM.

COAL PLATFORM AND FLUME—Sealed proposals indorsed "Proposals for Extension to Coal Platform and Flume" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. **October 10, 1914**, and then there publicly opened, for extension to coal platform and flume at the naval coal depot, San Diego, Cal. Plans and specifications may be obtained on application to the bureau or to the officer in charge, naval coal depot, San Diego, Cal. H. R. STANFORD, chief of bureau.

SEALED BIDS will be received by W. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Monday, **October 19th, 1914**, said bids then

and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the construction and erection of a building to be known as **Cottage for Epileptic Girls**, Sonoma State Home, Eldridge, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten percentum (10%) of the amount of the bid must accompany each bid.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., October 1, 1914.—**SEALED PROPOSALS** will be opened in this office at 3 p. m. **November 12, 1914**, for the construction complete (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office at The Dalles, Ore. Two-story and basement building; ground area, 5,800 square feet; stone facing; partial fireproof construction. Drawings and specifications may be obtained from the custodian of site at The Dalles, Ore., or at this office, in the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF AUGUST 24, 1902.

BUILDING AND INDUSTRIAL NEWS published weekly at San Francisco, for October 1, 1914.

Name of Editor, C. Munday, 560 Mission Street.

Managing Editor, L. A. Larsen, 560 Mission Street.

Business Manager, L. A. Larsen, 560 Mission Street.

Publisher, L. A. Larsen, 560 Mission Street.

Owner, L. A. Larsen, 560 Mission St. Known bondholders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

L. A. LARSEN, Owner. Sworn to and subscribed before me this Second day of October, 1914.

CHALMER MUNDAY, Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires October 15th, 1917.)

[SEAL]

The Washington government has done well to lose no time in sitting down heavily on the "moratorium" nonsense of suspending debt collections. There is not even a remote necessity for any such action either by Congress or by any State government. The country is at peace and doing an aggregate domestic business little reduced by the shock of foreign war. It has been provided with an ample emergency currency for the very purpose of sustaining the usual operations of credit and its liquidation at maturity. To introduce a moratorium in imitation of countries demoralized by war would be to precipitate here a like financial demoralization, utterly destructive of an orderly conduct of business and industry.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, H. R. Schulze, 512 East 17th street, Oakland. Owners, L. D. and H. B. Allen, 128 Sutter street, S. F. The dwelling will be erected on the west side of 8th avenue north of Moraga, and has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owner, William Koenig, 750 Parnassus avenue, S. F. The dwelling has been designed for a seven-room house with bath, and will be erected at the northwest corner of Ashbury and Congress streets. Interior finish will be of pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot and floor will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame and plaster, \$10,000. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, Edwin Newman. The dwelling will be erected in Jordan Park, and has been designed for an eight-room house with three baths and sleeping porch. Interior will be finished in pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air, and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded this week.

RESIDENCE ALTERATION—Frame. Cost not stated. San Francisco. Architect Henry Shermund Mills Bldg., S. F. Owner, Benj. Abraham. This work will consist of new interior finish, hardwood floors, plumbing, painting, plastering and electric work. No exterior alterations will be made. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owners, Thomas Volden and Son, 1015 Cole street, S. F. The dwelling will be erected on the north side of Balboa street west of Ninth avenue, and has been designed for a seven-room house with bath. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

RESIDENCES—5, 2 story and base, frame, \$6,000 to \$10,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Little. These houses will be erected on the west side of 11th avenue north of Balboa, and will each contain eight rooms, two baths and sleeping porches. Interiors will be finished in pine, white enamel, blue gum and eastern oak. There will be furnace heat and open fire places. Hardwood floors will be used throughout. Mantels will be of tile and brick. All bath rooms will be finished in tile. Exteriors will be covered with cement plaster on metal lath and brick veneer. Work will be done by Day Labor, and will be started as soon as the architect can complete the working drawings.

base, reinforced concrete. Cost not stated. San Francisco. Engineers, Bad & Fisher, Nevada Bank Bldg., S. F. Owner's name not given. The building will be erected in the Fifty Vara District and will contain a number of two and three room suites. All apartments will have wall beds and private baths. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for steam heat, a hot water system and elevator service. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster. Plans are out for figures.

FIRE ALARM STATION EQUIPMENT—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and installing generator equipment and switch boards for the new Central Fire Alarm Station will be found under the heading of San Francisco in this issue. Awards were not made.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, James Gleeson, 501 5th avenue, S. F. The building will be erected on the north side of Anza street east of 8th avenue, and has been designed to

contain two modern flats of five and six rooms. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Entrance will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

QUARANTINE TANKS AND TOWER—Concrete construction. Cost not stated. Honolulu, Hawaii. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans for a reinforced concrete water tower and tank are complete and out for figures. Bids will be opened on October 25th. Plans and specifications can be secured from the Superintendent at the Post Office building, San Francisco. An official proposal appears in another column of this issue.

HOSPITAL NURSES' HOME—3 story and base, frame, \$17,000. San Francisco. Architect, A. I. Coffey, Humboldt Bank Bldg., S. F. Owners, St. Francis Hospital. The building will be erected at the corner of Bush and Hyde streets in the rear of the present hospital. The building will cover an area of 32½ by 60 feet, the first floor being given over to laboratories. Upper floors will contain about 12 rooms to the floor. Interior finish will be of pine throughout. There will be a hot water supply and steam heat. Exterior of the building will be covered with terra cotta. Plans have been out for figures and a contract will be awarded at once.

SUBTREASURY VAULT EQUIPMENT—Cost not stated. San Francisco. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. New figures are being called for on furnishing and installing metal vault equipment for the new United States Subtreasury under construction in San Francisco. Bids will be opened on October 7th. Plans and specifications can be secured from the Supervising Architect. An official proposal appears in another column of this issue.

SCHOOL FIRE ESCAPES—Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on October 7th for furnishing and installing fire escapes on the new Burnett School. Plans can be secured from the Department of Architecture.

WATER DISTRIBUTING SYSTEM—Cost not stated. San Francisco. Engineer, Lt. Col. W. H. Hart, 1086 North Point street, S. F. Owners, United States Government. Bids will be opened by Lt. Col. Hart on October 10th for constructing a water distributing system in the National Cemetery at the Presidio of San Francisco. Plans and

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complete information can be secured on application to L. C. Holt. An official proposal appears in another column of this issue.

TUNNEL CONSTRUCTION—\$3,175,300. San Francisco. Engineer, City Engineer, Temporary City, S. F. Owners, City and County of San Francisco. Hans Pederson of Seattle submitted the lowest figure for the construction of the new Twin Peaks Tunnel. His bid was \$3,175,300. The Board of Public Works states that he will be awarded the contract. A complete list of Mr. Pederson's unit prices for the work appear under the heading of San Francisco in this issue.

POWER STATION—1 story and base, brick and steel, \$25,000. San Francisco. Architect, General Construction Department Pacific Gas and Electric Co., 445 Sutter street, S. F. Owners, Pacific Gas and Electric Co. The building will be erected at the northwest corner of 24th and Balboa streets, and will cover a considerable ground area. Construction will be fireproof. Interior will be finished in cement and pine. A cement floor will be used. Special electric work will be installed by the company. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, J. C. Thomas, S. F. Owner, P. K. Clausen, 433½ 19th avenue, S. F. The building will be erected on the north side of Clement street east of 23rd avenue, covering an area of 25 by 48 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. Tile wainscot will be used in the bath rooms and kitchens. Each living room will have an open fire place and tile mantel. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owners, San Francisco Building Co., 45 Kearny street, S. F. The building will be erected on the west side of 19th avenue south of Lake, covering an area of 27½ feet by 70 feet. Plans provide for two flats of five and six rooms. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. An open fire place will be used in each living room. Mantels will be of tile. Tile wainscot will be used in the baths. Marble wainscot is specified for the entrance. Exterior of the building will be covered with rustic, cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BANK—1 story, frame and plaster, \$19,000. San Francisco. Architect, Charles S. Kalser, Mechanics' Institute

Bldg., S. F. owners, Anglo-California Trust Co. The building will be erected on Fillmore street near the Exposition Grounds and is intended to care for the company's business in that section of the city during the Exposition year. The design is in the classic style. Interior will be finished in pine. Plans provide for special bank fixtures and equipment including bank vault and safe deposit vaults. Exterior of the building will be covered with cement plaster. Plans are being prepared.

RESIDENCE—2 story and base, frame and brick veneer, \$16,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, Samuel Lowenstein. The dwelling will be erected at the southwest corner of Webster and Broadway, and has been designed to contain twelve rooms three baths and sleeping porch. A private garage will also be constructed. Interior finish will be of pine and white enamel. Hardwood floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster and veneer pressed brick. Plans are complete and figures are being taken.

EXHIBIT BOOTH—Frame construction, \$15,000. San Francisco. Architect, Oscar C. Haupt, Phelan Bldg., S. F. Owners, California Fruit Cannery Association. The booth will be erected in the Horticultural Building at the Exposition and will be arranged to display the products of the company in their many branches. Fruits of the state will be shown as selected by the company before their process and the work of canning and preparing will also be shown. Plans are now being prepared.

SHOP BUILDING—2 story and base, brick and steel, \$18,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The building will be erected on the north side of Golden Gate avenue east of Hyde street, and will be used by the Department of Electricity. Interior will be finished in pine throughout. A large amount of special electric equipment will be installed. There will be a central heating system. Exterior will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, John Bjorkman, 2793 Mission street, S. F. The dwelling will be erected on Geneva avenue and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Some oak floors will be used. There will be an open fire place in the living room with a tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and in

the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

WAREHOUSE—1 story, steel and corrugated iron, \$5,000. San Francisco. Architect, none. Owners, Dyer Bros., 17th and Kansas streets, S. F. The building will be erected on 16th street between Rhode Island and Kansas streets, adjoining other buildings of the same company, and will be used for storage purposes. Exterior will be covered with corrugated iron. Plans are in the hands of the owners who will erect the building by Day Labor.

City Bids Opened.

Hans Pederson of Seattle Lowest Bidder for Big Twin Peaks Job.
Figure Close to Engineer's Estimate.

Bids were opened at Wednesday's session of the Board of Public Works for constructing the Twin Peaks Tunnel. Hans Pederson of Seattle was the only bidder, his total for the work, as announced by the Board of Public Works, was \$3,475,300. The City Engineer's estimate for constructing the tunnel was \$3,433,000. A difference of \$42,300 appears in the grand total as announced by the Board of Public Works, and the grand total of the figures for the various parts of the work as appearing below.

Twin Peaks Tunnel is the largest single contract let by the City and County of San Francisco. This work was divided into the following divisions for which unit prices were asked as follows. Mr. Hans Pederson's bid was accompanied by a certified check for \$350,000 on the Scandinavian-American Bank of Seattle. The contractor is well known in the north, where he has carried out many of the largest engineering projects, including tunnel work in Tacoma amounting to nearly as much as the Twin Peaks job, following is a list of the unit prices as presented by Mr. Pederson:

Unit Prices Twin Peaks Tunnel.

Item 1. 2,940 lineal feet of Standard Tunnel Section for earth or soft material, \$320 per ft. **Total, \$950,200.**

Item 2. 4,020 lineal feet of Standard Tunnel Section for soft rock, \$240 per ft. **Total, \$964,800.**

Item 3. 2,500 lineal feet of Standard Tunnel Section for hard rock, \$240 per ft. **Total, \$600,000.**

Item 4. 30 lineal feet of 20-foot 6-inch Tunnel Section of reinforced concrete, \$350 per ft. **Total \$10,500.**

Item 5. 1,360 lineal feet of Standard Flat Top Section of reinforced concrete, \$260 per ft. **Total, \$353,600.**

Item 6. 1 taper connection of reinforced concrete, at Clover Street, \$63,350.

Item 7. 1 easterly approach, including retaining walls for the approach, the portal, adjacent curbs, and all work necessary to connect with the Standard Flat Top Section, \$21,000.

Item 8. 1 retaining wall, including stairs, adjacent curbs and sidewalk, \$37,450.

Item 9. 1 station, including stairs, kiosks, surface cement sidewalks in Europa Valley, \$432,000.

Item 10. 1 ventilating intake station is to be constructed in Eighteenth Street east of Clover Street, \$72,000.

Item 11. 1 ventilating intake station is to be constructed in the Relief Home Tract, \$20,000.

Item 12. 1 station referred to in the plans as Laguna Honda Station, \$280,000.

Item 13. 1 westerly portal is to be constructed at the westerly end of the tunnel, \$7,500.

Item 14. 1 drain for tunnel, including manholes, is to be constructed in Eighteenth Street, \$1,800.

Item 15. 1 drain for tunnel, including manholes, is to be constructed in Collingwood Street, \$2,300.

Grand Total, \$3,475,300

Bids were also opened by the Board of Public Works for furnishing the following electrical equipment for the Central Fire Alarm Station.

Motor Generator Sets and Dynamotor.
Telephone Electric Equipment Co., (a) \$580; (b) \$798; (c) \$303.

General Electric Co., (a) \$300; (b) \$148; (c) \$180.

Switch Boards and Equipment.
Butte Eng. & Electric Co., \$6,559.70

Underground Conduit.
J. H. O'Brien submitted the lowest figure for this work at \$3,150. Other firms bidding were Eaton & Smith and Contra Costa Construction Co.

Motor Generator Sets.
Fairbanks-Morse Co. \$ 919.00
Telephone Elec. Equip. 1,345.00
Allis-Chalmers Co. 985.00
General Electric Co. 961.65
Gas Engine and Direct Current Generator.
Union Gas Engine Co. \$2,493.65
General Electric Co. 2,568.30

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
3268	Lindsey	MacArthur	2500
3269	Zellerbach	Cal Tile	3000
3270	Argentine	Strehlow	4200
3271	Haeman	Jones	500
3272	N. Y. Clk & Suit.	Novelty	1000
3273	Stiaretti	Stiaretti	1000
3274	Fox	Fox	1500
3275	Burnham	Donovan	750
3276	Bjors	Bjors	1500
3277	MacGuire	Cutts	500
3278	Berglund	Berglund	400
3279	Vodden	Vodden	4000
3280	McCarthy	Stromwald	1540
3281	Archbishop	Moreghino	2250
3282	Low	Prount	7500
3283	McKenzie	Prount	8350
3284	Clift	Cyclelos	8375
3285	Cornabrens	Dioznardi	6248
3286	Barkelen	Nimmo	625
3287	Martens	Martens	400
3288	Old Homestead	Owner	400
3289	Voight	Voight	1800
3290	Tibbutt	Tibbutt	500
3291	Brown	O'Neill	500
3292	Nelson	Nelson	400
3293	Brooks	Brooks	400
3294	Gleeson	Gleeson	4500
3295	Clift	Bender	865
3296	Denmark	Johnson	8218
3297	S. F. Comm'l.	Morechese	8836
3298	Same	Cyclelos	3285
3299	Depaoli	New Era Bldg	1600
3300	Same	Same	2000
3301	Same	Same	3000
3302	Same	Same	1600
3303	Bowers	Bowers	1000
3304	Rippe	Mitchell	650
3305	Tivoli	Novelty	400
3306	Bertilhon	Novelty	400
3307	Kline	Moren	400
3308	Schaich	Knoop	4000
3309	Peterson	Binet	5600
3310	Arguello	Pearson	3000
3311	Moody	Larsen	30000
3312	Boitlin	Francesconi	2500
3313	Marymount	Pegel	3250
3314	Getz	McEachern	1500
3315	Macomarsini	Cavaglia	3998
3316	Flynn	Barrett	1793
3317	Waller	Waller	400
3318	Wise	Wise	400
3319	Brett	Lempser	2000

3320	Larson	Larson	1000
3321	Sullivan	Coburn	400
3322	Allen	Allen	5000
3323	Allen	Allen	6000
3324	Rock	Robinson	6000
3325	Arvigt	Cavaglieri	5000
3326	Larson	Koenig	2375
3327	V. W. C. A.	Monk	26130
3328	Seaves	Gulffoy	400
3329	Warden	Olsen	500
3330	Hobser	Hobser	800
3331	Bevier	Bevier	1900
3332	Chausen	Chausen	3100
3333	S. P. Bldg Co.	Owner	4000
3334	Lumphreys	Lynch	22440
3335	Same	Hardwood	1827
3336	Same	National Elec	1379
3337	Same	Maudrell	2315
3338	Same	Scott	1275
3339	Same	Klimm	2545
3340	Cody	McBarnes	400
3341	Sarman	Petter	400
3342	Dealey	Dealey	500
3343	Wright	Christo	400
3344	Bojrkman	Bjorkman	2400
3345	Dyer	Dyer	5000
3346	Pustini	Cavaglieri	1300
3347	Hammond	O'Neill	1072

FRAME DWELLING

(3268) E TWENTY-FIRST AVE 175 S Lincoln Way. All work for one and one-half-story and basement 6-room frame dwelling.

Owner.....A. Lindsey.
Architect...None.
Contractor...MacArthur Bros., 1560 Fell San Francisco.

Filed Sept. 28, '14. Dated Sept. 26, '14.
Frame up and roof boards on...\$625
Brown coated and rough plumbing in 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, \$2500
Bond, \$1250. Surety, Pacific Coast Casualty Co. Limit, Dec. 10. Forfeit, none. Plans and specifications filed.

TILE WORK

(3269) N TURK 171-10½ E Taylor E 34-4½xN 137-6. Tile work for seven story and basement building.

Owner.....Zellerbach Levison Co.
Architect...None.
Contractor...California Tile Contracting Co., Sheldon Bldg., S. F.

Filed Sept. 28, '14. Dated Sept. 24, '14.
Tile work completed on 7th floor \$321.40
Tile work completed on all 6 other floors except last floor a payment of (for each floor)... 321.40
When last floor completed.... 321.60
Usual 35 days..... 750.00
TOTAL COST, \$3000.00
Bond, \$15000. Sureties, Snively S. Peterson, Carl A. Erickson and Jay Clark. Limit, 30 days. Forfeit, \$15. Plans and specifications filed.

EXHIBITION BOOTH

(3270) EXPOSITION SITE. Constructing an exhibit booth for Argentine Republic in Education Bldg.

Owner.....Argentine Republic.
Architect...None.
Contractor...Strehlow, Freese & Peterson, Exposition Site.

Filed Sept. 28, '14. Dated Sept. 23, '14.
On completion \$4200
TOTAL COST, \$4200
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS

(3271) NO. 127 NINTH AVE. Alter front and minor repairs to flats.

Owner.....Geo. F. Haeman, Premises
Architect...None.
Contractor...Paul K. Jones, 180 Jessie, San Francisco.

COST, \$500

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Best located and most popular hotel in the City; circulating ice water in every room.

Especial attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management, Chester W. Kelley

ELECTRIC SIGN

(3272) NO. 974 MARKET. Electric sign.

Owner.....New York Cloak & Suit Co., Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$1000

FRAME DWELLING

(3273) S MAGNOLIA 100 E Webster. One-story and basement frame dwlg

Owner.....A. Stiaretti, 1879 Lombard, San Francisco.
Architect...Paul F. De Martini, 2123 Powell, San Francisco.

Day's work. **COST, \$1000**

FRAME DWELLING

(3274) W CHENERY 263 N Roanoke. One and one-half-story and basement frame dwelling.

Owner.....Harry C. Fox, 538 Chenery, San Francisco.
Architect...None.
Day's work. **COST, \$1500**

ADDITIONS AND ALTERATIONS

(3275) NO. 83 DEVISADERO. Add to and alter dwelling.

Owner.....Dr. W. P. Burnham, Prem.
Architect...None.
Contractor...T. J. Donovan, 1477 6th Ave., San Francisco.
COST, \$750

FRAME DWELLING

(3276) N THERESA 161 E Alemany. One-story and basement frame dwlg.

Owner.....Victor Bjors, 660 Waller, San Francisco.
Architect...None.
Day's work. **COST, \$1500**

REPAIR DWELLING

(3277) NO. 2809 SAN JOSE AVE.
Move, underpin and repair dwelling.
Owner... W. H. MacGuire, Premises.
Architect...None.
Contractor...J. C. Cutts, 20 De Wolf,
San Francisco.
COST, \$300

FRAME DWELLING

(3278) N DIAMOND 200 E Berkeley.
One-story and basement frame dwlg.
Owner... J. Berglund, Aeme Hotel
San Francisco.
Architect...None.
Day's work.
COST, \$400

FRAME DWELLING

(3279) N BALBOA 95 W Ninth Ave.
Two-story frame dwelling.
Owner...Thos. Voddin & Son, 1015
Cole, San Francisco.
Architect...None.
Day's work.
COST, \$1000

FRAME COTTAGE

(3280) LOT 41 BLK 4, Lakeview Tct.
All work for live-room house.
Owner...Frank McCarthy and Mrs.
F. McCarthy.
Architect...None.

Contractor...Jos. C. Stromwold, 315
Hale San, Francisco.
Filed Sept. 29, '14. Dated Sept. 23, '14.
Frame up\$450
Brown coated 450
Completed 450
Usual 35 days..... 490
TOTAL COST, \$1840

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

PLASTERING CHURCH

(3281) N FILBERT 137-6 E Powell.
Plastering and cement work of walls
ceilings, columns, beams, etc., for
Italian Church.

Owner.....Roman Catholic Arch-
bishop of S. F., 110 Frank-
lin, San Francisco.

Architect...Frank T. Shea and Jno. O.
Lofquist, 742 Market, S. F.
Contractor...Louis Cereghino & Son, 6
Maynard, San Francisco.

Filed Sept. 29, '14. Dated Sept. 23, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2200

Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

FRAME FLATS

(3282) S TURK 120 E Devisadero E 20
xs 75. All work except shades and
gas and electric fixtures for three-
story and basement frame flats.
Owner.....Thos. Low, 29 Hollis, S. F.
Architect...None.

Contractor...J. Prout, 2020 Turk, S. F.
Filed Sept. 29, '14. Dated Sept. 21, '14.
Roof on\$1850
Enclosed and 1st coat plaster on 1850
Completed and accepted..... 1850
Usual 35 days..... 1950
TOTAL COST, \$7500

Bond, \$3750. Surety, Southwestern
Surety Insurance Co. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

FRAME APARTMENTS

(3283) N SACRAMENTO 201 W Taylor
W 27-6xN 120. All work except
plumbing, painting, wall beds, hard-
wood floors, finish, hardware, shades
and gas and electric fixtures for 3-

story and basement frame apart-
ments.

Owner...C. C. McKenzie, 1439 Sac-
ramento, San Francisco.

Architect...None.
Contractor...J. Prout, 2020 Turk, S. F.
Filed Sept. 29, '14. Dated Sept. 8, '14.
Roof on\$2807
1st coat plaster on..... 2087
Completed and accepted..... 2087
Usual 35 days..... 2039
TOTAL COST, \$8320

Bond, \$1175. Surety, Southwestern
Surety Insurance Co. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

ICE MAKING PLANT, ETC.

(3284) SE GEARY AND TAYLOR S
137-6x E 87-6. Refrigeration and ice
making plant for 12-story Class "A"
hotel building.

Owner.....Cliff Realty Co.
Architect...G. A. Applegarth, Claus
Spreckels Bldg., S. F.
Contractor...Cyclops Iron Works, 337
Folsom, San Francisco.

Filed Sept. 29, '14. Dated Sept. 29, '14.
Semi-monthly payments of.... 75%
36 days after..... 25%

TOTAL COST, \$8375
Bond, \$4188. Surety, Pacific Coast
Casualty Co. Limit, Dec. 14. Forfeit,
\$50. Plans and specifications filed.

FRAME RESIDENCE

(3285) SAN BENITO 255 S St.
Francis Blvd., being Lot 6 Blk 6, St.
Francis Wood. Excavating, grading,
concrete, brick work, carpenter work
etc., for two-story and basement
frame residence and separate garage

Owner.....Annie L. Cornahrens.
Architect...J. E. Kraft & Sons, Phe-
lan Bldg., San Francisco.

Contractor...L. Dioguardi, Daly City.
Filed Sept. 29, '14. Dated Sept. 19, '14.

Frame up, rough floors laid....\$1000
Exterior and interior plastering
finished, sash glazed and hung
and brick work finished..... 1600
Completed and accepted..... 2000
36 days after..... 1648

TOTAL COST, \$6248
Bond, \$3200. Surety, U. S. Fidelity &
Guaranty Co. Limit, Feb. 25, 1915.
Forfeit, \$3. Plans and specifications
filed.

REPAIR OFFICE

(3286) SW GEARY AND POWELL.
Repair office.

Owner.....Dr. Barkelen, Pacific and
Kearny, San Francisco.

Architect...None.
Contractor...Geo. Nimmo, 634 Clay, S. F.
COST, \$625

REPAIR BAKERY

(3287) NO. 1364 UNION. Repair
bakery.

Owner.....Emma Martens, Mayfield.
Architect...None.

Day's work.
COST, \$400

REPAIR ROOF

(3288) NW NINETEENTH & SHOT-
well. Repair roof.

Owner.....Old Homestead Bakery,
Premises.

Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.

Day's work.
COST, \$400

(3289) E MOSCOW 75 N Persia. One-
story and basement frame dwelling.

Owner.....Geo. F. Voight, 276 29th,
San Francisco.

Architect...None.
Day's work.
COST, \$1800

FRAME SHOP

(3290) S GEARY 82-6 W 9th Ave.
One-story frame shop.

Owner.....L. E. Tibbutt, 364 11th Ave.
Architect...None.
Day's work.
COST, \$500

UNDERPIN STORES

(3291) SE MISSION & SEVENTEENTH
Underpin stores.

Owner.....Chas. Brown, 871 Market,
San Francisco.

Architect...None.
Contractor...Daniel O'Neil, 278 Natoma
San Francisco.

COST, \$500

MOVE AND UNDERPIN COTTAGE

(3292) NO. 211 DIAMOND. Move and
underpin cottage.

Owner.....Charlotte Nelson, Premises.
Architect...None.

Contractor...Gust R. Nelson, Premises.
COST, \$100

ALTERATIONS

(3293) NO. 149 STILLMAN. Raise and
add basement.

Owner.....Mrs. Mary Brooks, 1442
Encinal Ave., Alameda.

Architect...None.
Contractor...Fred Brooks, Premises.

COST, \$400

FRAME FLATS

(3294) N ANZA 80 E Eighth Ave. Two
story and basement frame (2) flats.

Owner.....James Gleeson, 531 Fifth
Ave., San Francisco.

Architect...None.
Day's work.
COST, \$4500

CLASS "A" HOTEL

(3295) SE GEARY AND TAYLOR S
137-6x E 87-6. Composition roofing,
flashings and furnishing and setting
all metal counter flashings for 12-

story Class "A" hotel.

Owner.....Cliff Realty Co. by P. J.
Walker, Agent.

Architect...G. A. Applegarth, Claus
Spreckels Bldg., S. F.

Contractor...J. W. Bender Roofing &
Paving Co., Russ Bldg.,
San Francisco.

Filed Sept. 30, '14. Dated Sept. 29, '14.

Semi-monthly installments of. 75%
36 days after.....Balance

TOTAL COST, \$865

Bond, \$433. Surety, Aetna Accident &
Liability Co. Limit, none. Forfeit,
\$50. Plans and specifications filed.

FRAME BUILDING

(3296) EXPOSITION SITE. All work
for frame building known as Den-
mark Building.

Owner.....Danish Bldg. Committee,
James Madison, President;

Herrnau J. Korell, Sect'y.

Architect...None.
Contractor...J. Harold Johnson, 732 9th
Ave., San Francisco.

Filed Sept. 30, '14. Dated Sept. 21, '14.

On 8th of each month..... 75%
Usual 35 days.....Balance

TOTAL COST, \$8215

Bond, \$100. Surety, The Atena Ac-
cident & Liability Co. Limit, Feb. 1, '15.
Forfeit, none. Plans and specifications
filed.

CLUB ROOMS

(3297) MERCHANTS' EXCHANGE Bldg. Metal lathing, furring and plastering for quarters of Commercial Club.

Owner.....The S. F. Commercial Club.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor...C. C. Morehouse, Crocker Bldg., San Francisco.

Filed Sept. 30, '14. Dated Sept. 23, '14.
As work progresses monthly... 75%
Usual 35 days.....Final payment
TOTAL COST, \$8896.48
Bond, \$4450. Surety, Southwestern Surety Insurance Co. Limit, Dec. 10, 1914. Forfeit, none. Plans and specifications, none.

(3298) REFRIGERATION ON ABOVE

Contractor...Cyclops Iron Works, 837 Folsom, San Francisco.

Filed Sept. 30, '14. Dated Sept. 14, '14.
Payments same as above.....
TOTAL COST, \$3285
Bond, \$1650. Surety, Pacific Coast Casualty Co. Limit, Dec. 10, 1914. Forfeit, \$10. Plans and specifications, none.

FRAME DWELLING

(3299) NE NORTON 325 NW Mission. One and one-half-story frame dwlg.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect...None.
Contractor...New Era Bldg. Co., 3289 Mission, San Francisco.
COST, \$1600

FRAME DWELLING

(3300) NE NORTON 300 NW Mission. One and one-half-story frame dwlg.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect...None.
Contractor...New Era Bldg. Co., 3289 Mission, San Francisco.
COST, \$2000

FRAME DWELLING

(3301) NE NORTON 375 NW Mission. One and one-half-story frame dwlg.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect...None.
Contractor...New Era Bldg. Co., 3289 Mission, San Francisco.
COST, \$1600

FRAME DWELLING

(3302) NE NORTON 350 NW Mission. One and one-half-story frame dwlg.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect...None.
Contractor...New Era Bldg. Co., 3289 Mission, San Francisco.
COST, \$1600

ALTERATIONS

(3303) NO. 163 TWENTIETH AVE. Excavate for basement and add to dwelling.
Owner.....J. A. Bowers, Premises.
Architect...None.
Day's work. COST, \$1000

ALTER SALOON

(3304) NW TWENTIETH-FOURTH & Potrero. Alter saloon.
Owner.....Rippe & Schult, Premises.
Architect...None.
Contractor...Thos. F. Mitchell, 1370 Utah, San Francisco.
COST, \$650

ELECTRIC SIGN

(3305) NO. 66 EDDY. Electric sign.
Owner.....Tivoli Theatre, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400

ELECTRIC SIGN

(3306) NO. 747 MARKET. Electric sign.
Owner.....Lee Bertillon, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400

ALTERATIONS

(3307) NO. 222 CLAYTON. Alter interior of dwelling.
Owner.....Wm. Kline, Premises.
Architect...None.
Contractor...Geo. G. Moren, 125 Falcon Ave., San Francisco.
COST, \$400

FRAME FLATS

(3308) E RAMONA AVE 190 S 14th. Two-story and basement frame (2) flats.
Owner.....Louise B. Schaich, 35 Rosemont Place, San Francisco.
Architect...None.
Contractor...E. A. Knoop, 545 14th, S. F.
COST, \$4000

FRAME FLATS

(3309) N CUMBERLAND 92-6 W Guerrero. Two-story frame (4) flats.
Owner.....E. P. Peterson, 198 Third, San Francisco.
Architect...None.
Contractor...John J. Binet Co., 68 Ramona, San Francisco.
COST, \$5600

ALTERATIONS

(3310) NO. 930 LEAVENWORTH. Underpin rear wall and erect concrete bulkhead.
Owner.....Mrs. Arcadia Arguello, 1322 Taylor, S. F.
Architect...None.
Contractor...E. K. Pearson, 2362 Bryant San Francisco.
COST, \$3000

BRICK WAREHOUSE

(3311) S BLUXOME 289 W Fifth. Two story brick warehouse.
Owner.....Moody Estate, Kohl Bldg., San Francisco.
Architect...R. Torrence, 409 15th St., New York City.
Contractor...H. H. Larsen, 62 Post, S. F.
COST, \$30,000

FRAME STORE AND FLAT

(3312) E SCOTT 150 N Lombard. Two story and basement frame store and flat.
Owner.....Marguerite Boittin, Prem.
Architect...None.
Contractor...D. Francesconi, 151 Pixley, San Francisco.
COST, \$2500

ALTERATIONS

(3313) NO. 1977 PACIFIC AVE. Alter and add to dwelling.
Owner.....L. J. Marymont, 1547 Franklin, San Francisco.
Architect...None.
Contractor...F. K. Pegel, 366 10th Ave., San Francisco.
COST, \$3250

FRAME DWELLING

(3314) E TWENTY-THIRD AVE 225 S Clement. Two-story and basement frame dwelling.
Owner.....B. Getz, 309 7th Ave., S. F.
Architect...None.
Contractor...J. McEachern, 309 7th Ave., San Francisco.
COST, \$3000

REPAIR FLATS

(3315) NO. 3475 TWENTY-SIXTH. Repair fire damage on flats.
Owner.....G. Lagomarsino, Premises.
Architect...None.
Contractor...N. Cavaglia, 946 Greenwich, San Francisco.
COST, \$3998.85

FRAME COTTAGE

(3316) W TWENTY-SIXTH AVE 100 S Anza. One-story frame cottage.
Owner.....M. Flynn, 2264 Anza, S. F.
Architect...John J. Foley, 46 Kearny San Francisco.
Contractor...M. F. Barrett, 46 Tomasa, San Francisco.
COST, \$1793

ADDITION

(3317) NO. 243 SAN CARLOS AVE. Add porch to dwelling and gravel roof.
Owner.....O. C. Waller, Premises.
Architect...None.
Day's work. COST, \$400

ALTER RESIDENCE

(3318) NO. 1421 SUTTER. Alter residence.
Owner.....A. Wise, Premises.
Architect...J. F. Dunn, Monadnock Bldg., San Francisco.
Day's work. COST, \$400

ALTER FLATS

(3319) NO. 133 GRATTAN. Alter and add to flats.
Owner.....Hans Brett, Premises.
Architect...None.
Contractor...Lempser & Piske, 1363 8th Ave., San Francisco.
COST, \$2000

FRAME DWELLING

(3320) E CAINE 170 N Lake View. One-story and basement frame dwlg.
Owner.....J. F. Lucas.
Architect...North American Constr. Co., Bay City, Michlgan.
Day's work. COST, \$1000

RETAINING WALL

(3321) W DEVISADERO 75 S Page. Concrete retaining wall.
Owner.....Daniel Sullivan, Durham, California.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Contractor...Chas. Coburn, 4030 24th, San Francisco.
COST, \$400

FRAME DWELLING

(3322) W EIGHTH AVE 88 N Moraga. Two-story and basement frame dwlg.
Owner.....L. D. and H. B. Allen, 128 Sutter, San Francisco.
Architect...Allen & Co., 128 Sutter, San Francisco.
Day's work. COST, \$5000

FRAME DWELLING

(3323) W EIGHTH AVE 145 N Moraga. Two-story and basement frame dwlg.
Owner.....L. D. and H. B. Allen, 128 Sutter, San Francisco.
Architect...H. R. Schulze, Oakland.

Contractor, Allen & Co., 125 Sutter,
San Francisco.

COST, \$6000

REPAIRS

(3324) NE FOURTH & CLEMENTINA
Repair fire damage.

Owner.....Mary Rock and Theresa
Dunn.

Architect...None.

Contractor, Robinson & Gillispie, 1051
Sutter, San Francisco.

COST, \$6000

FRAME FLATS

(3325) E CYPRESS ALLEY 30-2 S
24th. Two story frame flats.

Owner.....Antonio Arvick, 2802 How-
ard, San Francisco.

Architect...D. B. Evans, 2367 Mission,
San Francisco.

Contractor, G. Cavaglieri, 593 Potrero
Ave., San Francisco.

COST, \$3000

FRAME DWELLING

(3326) NW VIENNA 225 NE France.
All work for one-story, basement and
attic frame dwelling.

Owner.....C. E. and Ruth J. Larson.
Architect...None.

Contractor, Ludwig B. G. Koenig, 3525
19th, San Francisco.

Filed Oct. 1, '14. Dated Sept. 29, '14.

Frame up\$593.75

Brown coated 593.75

Completed and accepted..... 593.75

Usual 35 days..... 593.75

TOTAL COST, \$2375.00

Bond, \$1200. Sureties, Wm. A. Newsom
and Chas. J. I. Koenig. Limit, 60 days.

Forfeit, none. Plans and specifications
filed.

FRAME BUILDING

(3327) EXPOSITION SITE. All work
for two-story and basement frame
structure.

Owner.....Exposition Committee of
the National Board of the
Young Women's Christian
Association.

Architect...Julia Morgan, Merchants'
Exchange Bldg., S. F.

Contractor, John Monk, Exposition
Site.

Filed Oct. 1, '14. Dated Sept. 30, '14.

On 3rd and 18th of each month 75%
Usual 35 days..... 25%

none. Plans and specifications filed.

TOTAL COST, \$26,130

Bond, none. Limit, Jan. 15, '15. Forfeit,

none.

Contractor, Guilfooy Cornice Wks, 209
8th, San Francisco.

COST, \$400

ALTER DWELLING

(3329) BEVERLY & SHIELDS. Alter
dwelling.

Owner.....W. L. Warden, Premises.
Architect...None.

Contractor, Olof Olsen, 260 Belverly,
San Francisco.

COST, \$500

FRAME DWELLING

(3330) W NEVADA 75 S Esmeralda.
One-story and basement frame dwlg.

Owner.....T. Hobser, 22 Nevada Ave.,
San Francisco.

Architect...None.

Day's work.

COST, \$500

FRAME DWELLING

(3331) W CORDOVA 127 N Athens.
One and one-half story and base-
ment frame dwelling.

Owner.....C. D. Bevier, 1629 Mc-
Allister, San Francisco.

Architect...None.

Day's work.

COST, \$1900

FRAME FLATS

(3332) N CLEMENT 82½ E 23rd Ave.
Two-story and basement frame flats.

Owner.....P. K. Clausen, 433½ 19th
Ave., San Francisco.

Architect...J. Thomas.

Contractor, P. K. Clausen, 433½ 19th
Ave., San Francisco.

COST, \$3100

FRAME FLATS

(3333) W NINETEENTH AVE 100 S
Lake. Two-story and basement frame
flats.

Owner.....San Francisco Bldg. Co.,
45 Kearny, San Francisco.

Architect...None.

Day's work.

COST, \$4000

FRAME APARTMENTS

(3334) N CHESTNUT 68 E Hyde E
68-9xN 137-6. Carpenter, mill, glaz-
ing, sheet metal, composition roof,

lath, plaster, tiling, brick work, ex-
cavation, concrete, ornamental iron

for three-story and basement frame

apartments.

Owner.....M. A. Humphreys,
Architect...C. A. Meussdorffer, Hum-
boldt Bank Bldg., S. F.

Contractor, P. J. Lynch, 110 Jessie,
San Francisco.

Filed Oct. 2, '14. Dated Sept. 30, '14.

1st story joists set.....\$2700

Ready for roofing..... 3000

Brown coated 3710

Standing finish on..... 3710

Completed and accepted..... 3710

Usual 35 days..... 5610

TOTAL COST, \$22,440

Bond, \$11,220. Surety, Massachusetts
Bonding & Insurance Co. Limit, 100

days. Forfeit, none. Plans and spec-
ifications filed.

(3335) HARDWOOD FLOORING ON
above.

Contractor, Hardwood Interior Co.,
Inc., 554 Bryant, S. F.

Filed Oct. 2, '14. Dated Sept. 30, '14.

Flooring laid and prepared for
finishing\$700.00

Completed and accepted..... 670.25

Usual 35 days..... 456.75

TOTAL COST, \$1827.00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications
filed.

(3336) ELECTRIC LIGHT, BELL
work and telephone wiring on above

Contractor, National Elec. Co., 103
Turk, San Francisco.

Filed Oct. 2, '14. Dated Oct. 1, '14.

Wiring roughed in.....\$517.25

Completed and accepted..... 517.00

Usual 35 days..... 344.75

TOTAL COST, \$1379.00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications
filed.

(3337) PAINTING ON ABOVE.

Contractor, H. Maudrell, 320 Hayes,
San Francisco.

Filed Oct. 2, '14. Dated Sept. 30, '14.

½ work done.....\$868.25

Completed and accepted..... \$68.00

Usual 35 days..... 578.55

TOTAL COST, \$2315.00

Bond, none. Limit, without delay. For-
feit, none. Plans and specifications
filed.

(3338) LOW PRESSURE STEAM
heating plant on above.

Contractor, Scott Co., Inc., 243 Minna,
San Francisco.

Filed Oct. 2, '14. Dated Oct. 1, '14.

Piping roughed in.....\$478.25

Completed and accepted..... 478.00

Usual 35 days..... 318.75

TOTAL COST, \$1275.00

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications
filed.

(3339) PLUMBING & GAS FITTING
on above.

Contractor, Frank J. Klimm, 221 Oak,
San Francisco.

Filed Oct. 2, '14. Dated Sept. 30, '14.

Piping roughed in.....\$952.50

Completed and accepted..... 952.50

Usual 35 days..... 640.00

TOTAL COST, \$2545.00

Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications
filed.

ALTER FRONT

(3340) NO. 1431 HAIGHT. Alter front.

Owner.....J. Cody.
Architect...None.

Contractor, A. E. McBarnes, 1536
Haight, San Francisco.

COST, \$400

ALTERATIONS

(3341) NO. 226 CLINTON PARK. Un-
derpin and construct foundation.

Owner.....J. Sarman, Premises.
Architect...None.

Contractor, F. Fetter, 301 Guerrero,
San Francisco.

COST, \$400

ALTERATIONS AND REPAIRS

(3342) SE ELLIS AND FILLMORE.
Alter and repair cafe.

Owner.....Geo. L. Dealey, Premises.
Architect...None.

Day's work.

COST, \$500

ENLARGE RESIDENCE

(3343) NO. 916 DE HARO. Enlarge
residence.

Owner.....John Wright, Premises.
Architect...None.

Contractor, John Christo, 880 De Haro
San Francisco.

COST, \$400

FRAME DWELLING

(3344) N GENEVA AVE 50 E Lisbon.
Two-story six-room frame dwelling.

Owner.....John Bjorkman, 2793 Mis-
sion, San Francisco.

Architect...None.

Day's work.

COST, \$2400

WAREHOUSE

(3345) SIXTEENTH, bet. Rhode Island
and Kansas. One-story steel and
corrugated iron warehouse.

Owner.....Dyer Bros., 17th and Kas-
sas, San Francisco.

Architect...None.

Day's work.

COST, \$5000

FRAME FLATS

(3346) S CUMBERLAND 130 W Church
W 25xS 114. All work for two-story
and basement frame (2) flats.

Owner.....L. Fustini (specifications
read F. Fustini.)

Architect...C. O. Clausen, Phelan Bldg., San Francisco.
Contractor...G. Caviglieri, 593 Potrero Ave., San Francisco.

Filed Oct. 3, '14. Dated Oct. 1, '14.
Frame up\$1075
Brown coated 1075
Completed and accepted..... 1075
Usual 35 days..... 1075

TOTAL COST, \$4300

Bond, none. Limit, 70 days. Forfeited, none. Plans and specifications filed.

ALTERATIONS AND ADDITIONS

(3347) N BROADWAY, bet. Fillmore and Webster No. 2252 Broadway. Carpenter, brick, concrete, grading, excavation, etc., for alterations and additions for one-story and basement garage with living apartments.
Owner.....A. B. Hammond.
Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.
Contractor...Daniel O'Neill, 278 Natoma San Francisco.

Filed Oct. 3, '14. Dated Oct. 1, '14.
Entire frame of addition up, enclosed, rough floor laid and roof on\$372
Completed and accepted..... 400
30 days after..... 300

TOTAL COST, \$1072

Bond, \$536. Sureties, Mrs. Daniel O'Neill and Jas. F. Smith. Limit, Nov. 5. Forfeited, \$3. Plans and specifications filed.

INCORPORATIONS.

Ideal Investment Co. To deal in real estate. Capital Stock, \$500,000; 500,000 shares at \$1 each. Amount subscribed, \$30. Place of business, San Francisco. Directors—L. C. Kennedy, J. B. McCormick and B. M. Small, 10 shares each.

Belmont Land & Investment Co. To deal in real estate. Capital Stock, \$250,000; 250,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—J. H. Boyer, F. J. Golden, E. Z. Cuneo, 1 share each.

National Paper Products Company. To manufacture, sell and deal in paper and paper products especially paper towels. Capital Stock, \$500,000; 5000 shares at \$100 each; amount subscribed \$700. Place of business, San Francisco. Directors—W. T. Lazar, I. Zellerbach, M. Higgins, M. M. Cohn, Fred Hess, G. Archer, 1 share each.

The Thinkograph Co. Advertising & Printing Business. Capital Stock, \$25,000; \$25,000 shares at \$1 each; amount subscribed, \$500. Place of business, San Francisco. Directors—M. R. Jones, F. J. Hulaniski, H. W. Wernse, O. W. Jasper Jr., D. W. McLaughlin, 1 share each.

Mira Monte Club. Social No. Capital Stock, 5 directors. Place of business, San Francisco.

Merchants National Detective Association. Capital Stock, \$20,000; subscribed, \$3; shares, \$1 each. Directors —F. Cooper, G. E. Hemler, H. W. Carr, 1 share each. Place of business, S. F.

Movca Film Co. Capital Stock, \$150,000; subscribed, \$2120; shares, \$1 each. Directors—J. G. Terry, H. M. Shields, 1000 shares each; C. D. Longhurst, 100 shares; T. E. J. Gardner and T. Healy, 10 shares each. Place of business, S. F.

COPARTNERSHIPS.

A. H. Pagnucci, H. J. Quintini, as Half Moon Fruit & Produce Co.
T. G. Wyatt, C. Wyatt as Wyatt Bros.

C. A. Mutton, H. Kulisky as Greenwood & Kullisky.

NOTICE OF NON-RESPONSIBILITY.

Sept. 30, 1914—E THIRTY-THIRD Ave 375 N Taraval (T) N 25x E 120. Arthur F Bridge Jr as to improvements on leased property.....

BUILDING OPERATIONS FOR THE MONTH OF SEPTEMBER.

Report of The Board of Public Works.

Building operations for the month of September, as shown by the records of the Bureau of Building Inspections of the Board of Public Works, show a total of 524 permits issued at an estimated expenditure of \$830,081.

The following is a segregated list of figures as shown by the records of the Bureau:

Class "B," 1 building, \$55,000; Class "C," 8 buildings, \$137,700; frame, 144 buildings, \$525,626; alteration work, 371 permits at \$11,755, making a total of 524 buildings at \$830,081.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Sept. 26, 1914—W TWENTY-FIRST Ave 100 N Lake N 25xW 120. Hedwig S Oppenheimer to John Flaherty and John Ogle.....Sept. 24, 1914

Sept. 26, 1914—S WATER 80 W Mason 39-6x57-6. G Molinari Co to B Pagano.....Sept. 25, 1914

Sept. 28, 1914—NE PALOU 150 NW Lane NW 25xNE 100; Ptn Lot 14 Blk 308, South S F Hmstd and R R Ass'n. Dr G E Beattie to T L Sharman.....Sept. 21, 1914

Sept. 28, 1914—E FORTY-SIXTH Ave 125 S Lincoln Way S 25x E 120. Constance I Runge to Peter M Leonard.....Sept. 21, 1914

Sept. 28, 1914—E KANSAS 50 S 22nd S 25x E 100. Thos Joyce to Chas G Anderson.....Sept. 28, 1914

Sept. 28, 1914—N MISSION 26-11 W Farragut Ave NW parallel with SW Farragut Ave 127-11 SW 25 SE 117-11 E 26-11 Lot 6 Blk "B" Sub of Blk 19, West End Map No. 2. Edward J and Sarah Behan to Gus Carlson and B Haglin.....Sept. 26, 1914

Sept. 28, 1914—S TWENTY-FIFTH 76-9 W Sanchez W 25xS 114. Mary Downey to whom it may concern.....Sept. 28, 1914

Sept. 28, 1914—SE SIXTEENTH AVE & Lake 27-6x100. Auguste Ruether to O E Anderson.....Sept. 26, 1914

Sept. 28, 1914—SE WASHINGTON & Dunbar Alley S 46x E 20. Charles Loesch to Liebert & Martinelli.....Sept. 25, 1914

Sept. 28, 1914—W NINETEENTH AV 150 N Balboa. Dora Brady to whom it may concern.....Sept. 26, 1914

Sept. 29, 1914—E FILLMORE 77-6 S Filbert S 30x E 57-6. R W and Geo H Schmidt to M M Finlayson.....Sept. 25, 1914

Sept. 29, 1914—EXPOSITION SITE. Grand Trunk System to Lange & Bergstrom.....Sept. 26, 1914

Sept. 29, 1914—N BUSH 50 W Stockton W 40 N 91-6 S 91-6. Rousseau Realty Co to whom it may concernSept. 29, 1914

Sept. 28, 1914—N THIRTIETH 205 W Church W 25xN 111. Hannah Connolly to F De Martini & Co.....Sept. 25, 1914

Sept. 30, 1914—W SIXTEENTH AVE 178-11 N Clement N 25xW 120. Rebecca Gasque or Mrs R Gasque to Leigh & Schulz.....Sept. 27, 1914

Sept. 30, 1914—NE SIXTEENTH AND Mission N 260x E 210. Henry Investment Co to Knowles & HelchleySept. 25, 1914

Sept. 30, 1914—S SUTTER 87-6 E Montgomery S 124-9 being pt of intersection with N line of lot of land to be occupied by building th continuing from such point of intersection S 62-7 W 25 S 83-11½ th at an acute angle and along N Market 92-5½ th at an obtuse angle N 92-6 W 50. Hobart Estate Co to Floodberg & McCaffery.....Sept. 25, 1914

Sept. 30, 1914—N SIXTEENTH 85 E Guerrero E 25x100. Alice L Alexander to Keller & Crane.....Sept. 28, '14

Sept. 30, 1914—SW MAYNARD (Marshall) and Craut W 25xS 85 ptn Lot 22 Blk 4, College Hd. Louis B Harder to J B Woolfrey.....Sept. 29, '14

Sept. 30, 1914—S MISSION 75 E Julia E 25xS 160. E McLaughlin Estate Co to Van Emon Elevator Co.....Sept. 25, 1914

Sept. 30, 1914—S MISSION 75 E Julia E 25xS 160. E McLaughlin Estate Co to Matthies & Griffith.....Sept. 25, '14

Sept. 30, 1914—NW BRYANT & MAIN N 65xW 20. M McClure to George G Moran.....Sept. 25, 1914

Oct. 1, 1914—SW ELEVENTH AVE and Anza. Alfred T Morris to whom it may concern.....Sept. 30, 1914

Oct. 1, 1914—E JONES 125 N Lombard N 25x E 137-6. P Baiglaupl to G Caranza & Bro and A CurranSeptember 23, 1914

Oct. 1, 1914—SE MARKET 375 SW Third SW 25xSE 100. P Berges, Jeanne, Juliette H, Henry J and Alice Berger and Eugene B Muller to C D Rankin Constr Co.....Sept. 26, '14

Oct. 2, 1914—E SIXTEENTH AVE 180-3 N Clement N 26x135. Jeanette Yates to whom it may concern.....Sept. 30, 1914

Oct. 2, 1914—LOT 12 BLK 18 Allred's Sub Blks 17 and 18 West End Map No. 1. Watson A Titus to whom it may concern.....Oct. 2, 1914

Oct. 2, 1914—LOT 13 BLK 8, De Boom Tct. Andrew Olsen to C W HansenSept. 26, 1914

Oct. 2, 1914—E DIAMOND 25-6 N 28th 25x105; No. 1543 Diamond. Francis Beldon to whom it may concern.....Sept. 26, 1914

Oct. 2, 1914—N JACKSON 137-6 E Maple E 67-6 N 170 W 67-6 S 162. Alfred Suro to J Harold Johnson and Harry G Graper.....Oct. 2, 1914

Oct. 2, 1914—E MISSION 75-1½ N 22nd E 122-6 N 30-5½ W 123 m or 1 S 23-0½. Jens P Nissum to whom it may concern.....Oct. 1, 1914

Oct. 2, 1914—S MINNA 125 W 8th S 80xW 25. P S O'Rourke to Walker Props.....Oct. 1, 1914

Oct. 2, 1914—E COLLINS 125 S Point Lobos Ave S 25x E 120. Mary A Ashurst to J D Bell.....Oct. 2, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Sept. 25, 1914—N OAK 157-6 W Van Ness Ave W 89-9 N 120 E 68-9 S 40

t. 21 S 80 Standard Crushed Rock Co vs Young Mens Institute Hall Assn, Martin M Fennell and Thos H Wandus Fennell & Wandus.....	\$1553.51
Sept. 26, 1914—NW TWENTY-4TH & Chattanooga 78xN 25. J S Guerlin vs D Mordica and J M and M E Branscombe.....	\$212.62
Sept. 26, 1914—NW CHATTANOOGA and 24th W 78xN 25. Robert Balzke vs D Modica (as D Modica Col.) J M and M E Branscombe.....	\$79.95
Sept. 26, 1914—NW TWENTY-4TH & Chattanooga W 78xN 25. W P Fuller & Co, \$275; J A Lund, \$96 vs J M and M E Branscombe.....	
Sept. 26, 1914—NW TWENTY-4TH & Chattanooga W 78xN 25. Macdonald Lumber Co vs J M and M E Branscombe and D Modica.....	\$84.61
Sept. 26, 1914—E TWENTY-SIXTH AVE 200 N Judah N 25xW 120. J H Kruse vs J Morley, Sol Getz & Sons, Inc and T Roy Murray.....	\$47.85
Sept. 26, 1914—NW TWENTY-4TH & Chattanooga N 25xW 78. J H Kruse vs J M and M E Branscombe.....	\$741.92
Sept. 26, 1914—E TWENTY-SECOND AVE 200 N California 25x120. H O Foley vs James Welsh.....	\$21.50
Sept. 26, 1914—NW TWENTY-4TH & Chattanooga W 78xN 25. Marshall & Stearns Co vs J M and M E Branscombe.....	\$240
Sept. 28, 1914—E SHOTWELL 185 N 20th N 30xW 122-6. J H Kruse vs Thaddeus W Terry and H T Grieb.....	\$1100.24
Sept. 28, 1914—SE PARIS 275 SW Persla Ave SW 25xSE 100. J G White vs M J Terranova.....	\$105
Sept. 29, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. J H Kruse vs Rosa M McGough and Lincoln U Grant.....	\$570.40
Sept. 29, 1914—LOTS 14 AND 29 BLK 583 Bay View Tract No. 2. Jorgen Digners vs Clara Brown Pherson or R A Pherson.....	\$980.55
Sept. 29, 1914—W NINETEENTH AV 125 N Clement N 25xW 120. Loop Lumber Co vs H W Janson, David Philippelli, Catherine Philippelli, Rose Getz and John Doe Getz.....	\$207.63
Sept. 29, 1914—W NINETEENTH AV 100 N Clement N 25xW 120. O Cima vs H W Jansen and D Philippelli.....	\$175
Sept. 30, 1914—N PAGE 154 E Lyon N 137-6xW 27-6. Andrew Wagner vs Rosa M McGough and Lincoln U Grant.....	\$90
Sept. 30, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. G H Gibson (as Phoenix Iron & Sheet Metal Wks) vs Rosa M McGough and Lincoln U Grant.....	\$210
Sept. 30, 1914—W NINETEENTH AV 125 N Clement N 25xW 120. Eureka Sash, Door & Moulding Mills vs David and Catho Philippelli, Henry W Jansen, Peter J M Bertelsen and Andrew Bertelsen.....	\$400
Oct. 1, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Herbert A Norman (as F G Norman & Sons) vs David and Catherine Philippelli, Henry W Jansen, Peter J M and Andrew Bertelsen.....	\$94.42
Oct. 1, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Mangrum & Otter vs F J Durham.....	\$155
Oct. 1, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Man-	

grum & Otter vs H W Jansen.....	\$33
Oct. 1, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Akard Door Opener vs H W Janson, David and Catherine Philippelli, Rose and John Doe Getz.....	\$22
Oct. 1, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. M Johnson and A Lawson (as Western Woodworking Co) vs Rosa M McGough and Lincoln U Grant.....	\$48
Oct. 1, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. Arden Plaster Co vs Eisenbach Co and J J Philbin.....	\$121
Oct. 2, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. B Winter vs P J Durham.....	\$25
Oct. 2, 1914—E GRANT AVE 77-6 N Bush E 50xN 30. J Piconi vs Herman Heskins, The McMullin von Voorhies Co (or McMullin & von Voorhies).....	\$160
Oct. 2, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. J Jacobsen vs David and Catho. Philippelli, Henry W Jansen, Peter J M and Andrew Bertelsen.....	\$50
Oct. 2, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. N Clark & Sons vs Rosa M McGough and Lincoln U Grant.....	\$16.84

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, J. Lehman, 959 Appar street, Oakland. The dwelling will be erected on Wellington east of 13th avenue, and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors will be used. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW — 1 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, George Fedderwitz. The house has been designed to contain si rooms and bath, and will be erected on University avenue. Pine and redwood will be used for interior finish. Hardwood floors will be used throughout. There will be an open fire place in the living room. Mantel will be of brick. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, Mrs. R. Clifford. The dwelling will be erected in Claremont and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will have tile wainscot and floors. An automatic water heater will be installed. Exterior of the house will be

covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base, frame, \$12,500. Berkeley, Alameda Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in the Claremont Tract, and has been designed for a ten-room house with several baths and sleeping porches. A garage will also be erected on the property. Interior of the house will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE — 3 story and base, frame, \$20,000. Oakland, Cal. Architect, William Wilde, 1725 Broadway, Oakland. Owner, R. Pozzi. The building will be erected at the corner of 23rd and Harrison streets, and has been designed to contain two, three and four room apartments. There will be wall beds and private bath rooms. Pine and redwood interior finish will be used. There will be some oak floors. All bath rooms will have tile wainscot and composition floors. There will be steam heat and a hot water supply. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and new figures are being taken.

FLATS — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, A. Petersen, 844 Guerrero street, S. F. Owner, Mrs. Fannie E. Martinez. The building will be erected on the west side of College avenue south of Stuart, and will contain two flats of five and six rooms. There will be open fire places in the living rooms with tile or brick mantels. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OLD PEOPLE'S HOME — Group of 1 and 3 story and base, brick and reinforced concrete, \$50,000. Oakland, Cal. Architect, Oscar Haupt, Phelan Bldg., S. F. Owners, California Altenheim. The buildings will be in the nature of an addition to the present building at Fruitvale and Hopkins streets. There will be a large dining room, wards and private rooms. The buildings will be heated by steam from the central plant. Interior finish will be of pine. Exterior will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, G. H. Lewis, 4008 37th street, Oakland. The dwelling has been designed for a seven-room house with bath and will be erected on Emerson street south of 37th. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will be finished in tile. An automatic water heater will be installed.

Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, James Baughman. The dwelling has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with shingles. Plans are being prepared and when complete the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, W. E. Brown. The dwelling has been designed for a five-room house and will be erected in Melrose Heights. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place with tile or brick mantel. Tile will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SANITARIUM—2 story and base, frame, \$10,000. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, W. N. Downey. The building will be erected at the corner of 5th avenue and East 5th street, and will contain a number of private rooms, operating room and ward. Interior will be finished in pine with some hardwood floors. Tile wainscot will be used extensively. A central heating system and hot water supply will be installed. Exterior of the building will be covered with ship-lap and cement plaster on metal lath. Plans are complete and segregated figures will be taken at once.

RESIDENCE—1½ story and base, frame, \$2,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, R. A. McWilliam. The dwelling will be erected in the Fourth Avenue Heights and has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Small. The dwelling will be erected on Newton avenue and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water

heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2331	Johnson	Johnson	4500
2332	Antoni	Fallmer	400
2333	Central Okd Light, Gt Wn		500
2334	Petersen	Scott	2050
2335	Santa Fe	Auson	2150
2336	Lucia	Carson	8000
2337	Devine	Devine	400
2331	Hart	Allen	9512
2332	Shipp	Peppin	2900
2333	Hudson	Peppin	2000
2335	Durst	Bay City	1700
2336	Solti	Solti	1850
2337	Bensen	Archer	450
2339	Williams	Brown	1000
2401	Hadden	Weampelmeler	10000
2402	Barker	Hammelton	1000
2403	Stewart	Stewart	1000
2404	Fish	Woodard	2300
2405	Peters	Peters	2500
2406	Seontriant	Deavillas	500
2408	Strout	Graff	2653
2410	Rhode	Hollenbeck	
2411	Salvador	Meyers	500
2412	Hedman	Hedman	800
2413	Lehman	Lehman	3000
2414	Chivell	Shrader	400
2415	Forester	Kaler	2100
2416	Giani	Valente	1985
2417	Home Invest.	McWilliams	4600
2418	Costello	Costello	1000
2419	Penton	Larmer	14000
2421	Forman	Young	400
2422	Thomson	McKallor	2250
2423	Davis	Davis	400
2424	Murata	Murata	1000
2425	Hudson	Hudson	1000
2426	Same	Same	1000
2427	Dalton	Dalton	500
2428	Lewis	Lewis	3000
2430	Hiles	Hiles	400
2431	Legris	Legris	1800
2432	Dean	Hollenbeck	1850
2433	Same	Same	1850
2434	Same	Same	1850
2435	Same	Same	1850
2436	Henshaw	Davis	500
2437	Boquet	Brown	500

BRICK CREAMERY

(2381) S EIGHTEENTH 55 W San Pablo Ave., Oakland. One-story brick creamery.
Owner.....Miss Annie Johnson et al,
931 Bay View Ave., Okd.
Architect...None.
Day's work. COST, \$4500

FIRE REPAIRS

(2382) NO. 4615 GROVE, Oakland.
Fire repairs.
Owner.....E. Antoni, Premises.
Architect...None.
Contractor...R. H. Fallmer, 880 47th, Oakland.
COST, \$100

GALVANIZED IRON SUB-STATION

(2383) E ALICE near Second, Oakland
One-story galvanized iron sub-station.
Owner.....Central Oakland Light & Power Co., Premises.
Architect...None.
Contractor...Great Western Power Co., 14 Sansome, San Francisco.
COST, \$500

DWELLING

(2384) N E-SIXTEENTH 150 E 7th Ave., Oakland. One and one-half-story six-room dwelling.
Owner.....Mary F. Petersen, Foot of 12th Ave., Oakland.
Architect...None.
Contractor...G. A. Scott, 685 63rd, Okd.
COST, \$2050

ROUND HOUSE

(2385) S ADAMS WHARF PROPERTY, Oakland. One-story round house.
Owner.....Aitchison, Topinka and Santa Fe Railway Co., Kerkhoff Bldg., Los Angeles.
Architect...None.
Contractor...A. W. Auson, Santa Monica Cal.
COST, \$2150

APARTMENTS AND STORES

(2386) NE THIRTEENTH & CENTER Oakland. Two-story 18-room apartments and 1 stores.
Owner.....Prospero Lucia, Premises.
Architect...None.
Contractor...John Carson, Bacon Bldg., Oakland.
COST, \$8000

ADDITION

(2387) NO. 3711 MAPLE AVE., Oakland. Addition.
Owner.....P. B. Devine, Premises.
Architect...None.
Day's work. COST, \$400

BRICK THEATRE

(2391) E TELEGRAPH AVE 450 N Hawthorne Ave N 50x116, Oakland.
Carpenter, brick work, construction, labor and materials for one-story brick theatre.
Owner.....Margaret H. Hart and Claire G. McGill, 2228 Telegraph Ave., Oakland.
Architect...Alvin J. Stern, 1542 Broadway, Oakland.
Contractor...P. E. Allen, 468, 34th, Okd.
Filed Sept. 28, '14. Dated Sept. 26, '14.
Rough brick work completed... ¼
Brown coated... ¼
Completed and accepted... ¼
Usual 35 days... ¼
TOTAL COST, \$9512
Bond, \$4756. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, \$25.
Plans and specifications filed.

DWELLING

(2392) LOT 49 SEQUOYAH HILLS, Oakland. One-story 7-room dwlg.
Owner.....Jno. C. Shipp, 3117 Lewiston Ave., Oakland.
Architect...None.
Contractor...J. B. Peppin Jr., San Leandro.
COST, \$2900

DWELLING

(2393) NW 109TH AVE & VOLTAIRE, Oakland. Two-story 7-room dwlg.
Owner.....Alice Hudson, S. F.
Architect...None.
Contractor...J. B. Peppin Jr., San Leandro.
COST, \$2000

ALTERATIONS

(2395) NO. 1212 WASHINGTON, Oakland. Alterations.
Owner.....Durst Estate.
Architect...Jos. Cahen, 45 Kearny, San Francisco.
Contractor...Bay City Cabinet Co., 1080 5th, Oakland.
COST, \$1600

DWELLING

(2396) W LAGUNA AVE 100 S Hopkins, Oakland. One-story 6-room dwelling.
Owner.....F. C. Solti, 3419 Laguna Ave., Oakland.
Architect...None.
Day's work. COST, \$1850

ALTERATION
(2397) NO. 14, THIRTY-SIXTH AVE.
Oakland. Alterations.
Owner.....H. Bensen, Premises.
Architect...None.
Contractor C. E. Archer, 1167 36th
Ave., Oakland
COST, \$150

ADDITION
(2399) NO. 221 MATHER Oakland.
Addition.
Owner.....Williams, Premises.
Architect...None.
Contractor O. M. Brown, 2718 13th
Ave., Oakland.
COST, \$1000

ALTERATIONS
(2407) E SEVENTH 200 S Alston Way
Berkeley. Alterations.
Owner.....J. B. Roth, 2227 7th, Bkly.
Architect...None.
Contractor F. Ofte, 1025 Bristol, Bkly.
COST, \$400

DWELLING
(2401) N MENDOCINO opp Gray, Oak-
land. Two-story 10-room dwelling.
Owner.....David Hadden, Oakland Bk.
of Savings Bldg., Oakland.
Architect...Robt. L. Holt, 2143 Center,
Berkeley.
Contractor H. F. Weampelmier, 6120
Taft Ave., Oakland.
COST, \$10,600

ALTERATIONS
(2302) NO. 739 TWENTY-SIXTH, Oak-
land. Alterations.
Owner.....Mrs. M. Barker, Premises.
Architect...None.
Contractor Fred Hamblen, 575 43rd,
Oakland.
COST, \$1000

DWELLING
(2403) NO. 3425 THIRTY-NINTH AVE
Oakland. One-story 4-room dwlg.
Owner.....J. E. Stewart, 2248 Rose-
dale Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

DWELLING
(2404) SE EIGHTY-SIXTH AVE AND
Foothill Blvd., Oakland. One-story
6-room dwelling.
Owner.....Mrs. S. L. Fish, 86th Ave &
Hillside, Oakland.
Architect...None.
Contractor E. W. Woodard, 2645 13th
Ave., Oakland.
COST, \$3300

DWELLING
(2405) N FOURTH AVE 78 W Mont
Clair, Oakland. One-story five-room
dwelling.
Owner.....Fred Peters, 3839 Randolph
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS
(2406) NO. 822 BROADWAY, Oakland.
Alterations.
Owner.....Christ Scontriant, 731
Broadway, Oakland.
Architect...None.
Contractor James Deavillas, 1409
Powell, Oak'and.
COST, \$500

FRAME DWELLING
(2408) PTN LOTS 10 AND 11 Map
Broadmoor, San Leandro. All work
for one-story frame dwelling.

Owner Gale Stanley and Ruth
Tarbell Strout, 159 Lake,
Oakland.
Architect...None.
Contractor Edwin C. Graff, San Lean-
dro.

Filed Sept. 30, '14. Dated Sept. 30, '14.
Frame up\$563
Brown coated563
Completed and accepted563
Usual 35 days564
TOTAL COST, \$2653
Bond, none. Limit, 70 days. Forfeit,
\$3. Plans and specifications filed.

FRAME DWELLING
(2410) LOT 12 BLK "C" Grand Ave
Heights, Oakland. All work for two-
story dwelling.
Owner.....Wm. P. and Margareta E.
Rhode, 656 54th, Okd.
Architect...None.
Contractor G. E. Hollenbeck, 5210
Fairfax Ave., Oakland.
Filed Sept. 30, '14. Dated ———.
No payments given.....
TOTAL COST, \$——
Bond, limit, forfeit, none. Plans and
specifications filed.

ADDITION
(2411) NO. 3929 ALLENDALE AVE.,
Oakland. Addition.
Owner.....H. Salvador, Premises.
Architect...None.
Contractor W. J. Meyers, 3110 High,
Oakland.
COST, \$500

DWELLING
(2412) S CONGRESS AVE opp No. 4904
Oakland. One-story 4-room dwelling.
Owner.....L. Hedman, 1520 Filbert,
Oakland.
Architect...None.
Day's work. COST, \$800

DWELLING
(2413) S WELLINGTON 60 E 13th Ave.
Oakland. One-story 6-room dwelling.
Owner.....J. Lehman, 959 Apgar, Okd
Architect...None.
Day's work. COST, \$3000

ALTERATIONS
(2414) NO. 3009 BROOK, Oakland. Re-
shingle and alter.
Owner.....J. H. Chivell, Premises.
Architect...None.
Contractor J. F. Shrader, 520 16th,
Oakland.
COST, \$400

DWELLING
(2415) S 107TH AVE 125 W Western
Pacific Tracks, Oakland. One-story 5
room dwelling.
Owner.....J. Forester, 144 17th Ave.,
San Francisco.
Architect...None.
Contractor H. Kaler, 10035 Permain,
Oakland.
COST, \$2100

FRAME DWELLING
(2416) W WEST 26 N 41st 42x—, being
part Lot 9 and all Lot 10 Blk 2088
Map Paradise Plot, Oakland. All work
for one-story 5-room dwelling.
Owner.....Umberto Giani, 3459 Haven
Oakland.
Architect...None.
Contractor Mario E. Valente, 5896
Vallejo, Oakland.
Filed Oct. 1, '14. Dated Oct. 1, '14.
January 3, 1915.....\$1985
TOTAL COST, \$1985

Bond, none. Limit, 55 days. Forfeit,
\$1. Plans and specifications, none.

DWELLING
(2417) SW MONTGOMERY & RIDGE-
way Ave., Oakland. Two-story 8-
room dwelling.
Owner.....Home Investment Co., Se-
curity Bank Bldg., Okd.
Architect...None.
Contractor R. A. McWilliams, 5845
Ayala Ave., Oakland.
COST, \$4600

DWELLING
(2418) E EIGHTY-SIXTH AVE 235 S
E-14th, Oakland. One-story 5-room
dwelling.
Owner.....Jos. Costello, 1232 91st
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

APARTMENTS
(2419) W HOWE 120 S 41st, Oakland.
Two-story 29-room apartments.
Owner.....Mrs. Fenton, 41st and
Howe, Oakland.
Architect...Clay N. Burrell, Albany
Block, Oakland.
Contractor Ed. Larmer, 631 Poirier,
Oakland.
COST, \$14,000

ADDITION
(2421) NO. 753 FIFTY-NINTH, Oak-
land. Addition.
Owner.....H. W. Forman, Premises.
Architect...None.
Contractor J. H. Young.
COST, \$400

DWELLING
(2422) SE SCHOOL AND CURRAN
Ave., Oakland. One-story 6-room
dwelling.
Owner.....H. G. Thomson, 3211 School
Oakland.
Architect...None.
Contractor H. T. McKallor, 3336 Kan-
sas, Oakland.
COST, \$2250

ALTERATIONS AND REPAIRS
(2423) NO. 3127 MINNIE, Oakland.
Alterations and repairs.
Owner.....R. T. Davis, Premises.
Architect...None.
Day's work. COST, \$400

HOT HOUSE
(2424) N WASHINGTON 250 E High,
Oakland. Hot house.
Owner.....J. Murata, Premises.
Architect...None.
Day's work. COST, \$1000

DWELLING
(2425) S BROOKDALE 105 W Per-
simmon, Oakland. One-story 4-room
dwelling.
Owner.....Geo. Hudson, 759 Brooklyn
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

DWELLING
(2426) S BROOKDALE 35 W Per-
simmon, Oakland. One-story 4-room
dwelling.
Owner.....Geo. Hudson, 759 Brooklyn
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

REPAIRS
(2427) CEDAR, NINTH AND TENTH,
Oakland. Repairs.

Owner.....Henry Dalton & Sons Co.,
Premises.
Architect...None.
Day's work. COST, \$500

DWELLING
(2128) E EMERSON 65 S 37th, Oak-
land. Two-story 8-room dwelling.
Owner.....G. H. Lewis, 4008 Quigley
Oakland.
Architect...None.
Day's work. COST, \$3000

DWELLING
(2430) N SAN JUAN 60 E 40th Ave.,
Oakland. One-story 3-room dwelling
Owner.....E. W. Hiles, 4020 San Juan
Oakland.
Architect...None.
Day's work. COST, \$400

DWELLING
(2431) S FORTY-FIFTH 170 E Mar-
ket, Oakland. One-story 5-room
dwelling.
Owner.....L. H. Legris, 612 44th, Okd
Architect...None.
Day's work. COST, \$1800

DWELLING
(2442) N WADEAN PLACE 195 W 55th
Ave., Oakland. One-story five-room
dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1850

DWELLING
(2433) N WADEAN PLACE 275 W 55th
Ave., Oakland. One-story five-room
dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1850

DWELLING
(2431) N WADEAN PLACE 115 W 55th
Ave., Oakland. One-story five-room
dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1850

DWELLING
(2435) SW WADEAN PLACE & 55TH
Ave., Oakland. One-story five-room
dwelling.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1850

ALTERATIONS
(2436) THIRTEENTH & BROADWAY,
Oakland. Alterations.
Owner.....Wm. G. Henshaw.
Architect...None.
Contractor...Wm. Davis & Son.
COST, \$500

ALTERATIONS
(2437) E PARK AVE 60 and 30 S
Chapman, Oakland. Alterations.
Owner.....Julia Bouquet, 1059 Park
Ave., E-Oakland.
Architect...None.
Contractor...Joe Brown.
COST, \$500

Building Contracts Awarded.

Berkeley.

2388 Lange	Buskirk	400
2389 Bernardi	Bernalis	500
2390 Bancroft	Tupper	400
2394 Libby	Libby	2000
2398 Snell	Porter	2187
2400 Seebold	Martin	400
2407 Roth	Offe	400
2409 White	Peake	2950
2420 St. Mark Ch.....	Winham	650

GARAGE
(2388) N LE CONTE 100 E Le Roy,
Berkeley. Garage.
Owner.....A. F. Lange.
Architect...None.
Contractor...J. W. Buskirk, 2132 Hil-
gard Ave., Berkeley.
COST, \$100

ADDITION
(2389) E KAINS 130 N Gilman, Ber-
keley. Addition.
Owner.....Mrs. A. Bernardi.
Architect...None.
Contractor...Antonio Bernalis, 1363
Curtis, Berkeley.
COST, \$500

GARAGE
(2390) NO. 2222 PIEDMONT AVE.,
Berkeley. Garage.
Owner.....M. T. Bancroft.
Architect...None.
Contractor...Thad M. Tupper, 2310 Rus-
sell, Berkeley.
COST, \$400

ALTERATIONS
(2414) N CHANNING WAY 300 W
Shattuck Ave., Berkeley. Alter dwlg
into apartments.
Owner.....Eugene Libby, 2021 Shat-
tuck Ave., Berkeley.
Architect...None.
Day's work. COST, \$2000

FRAME DWELLING
(2398) NW OXFORD & EUNICE, Ber-
keley. All work for two-story frame
dwelling.
Owner.....Jas. E. and Caroline M.
Snell, 1943-A Rose, Bkly.
Architect...None.
Contractor...Porter Bros., Berkeley.
Filed Sept. 29, '14. Dated Sept. 29, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$2487
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

FACTORY
(2400) N ADDISON 75 E Fourth, Ber-
keley. One-story 2-room peanut
factory.
Owner.....C. E. Seebold, 1047 Merced,
Berkeley.
Architect...None.
Contractor...C. A. Martin, 1050 Keith
Ave., Berkeley.
COST, \$100

FRAME DWELLING
(2409) N WARD 180 W Ellsworth W
40xN 134-6, Berkeley. All work for
one and one-half-story 6-room frame
dwelling.
Owner.....Celia A. White, 2118 Ful-
ton, Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
Filed Sept. 30, '14. Dated Sept. 28, '14.

Frame up	1/4
Brown coated	1/4
Completed and accepted	1/4
Usual 35 days	1/4
TOTAL COST, \$29.0	

Bond, none. Limit, 75 days. Forfeit,
\$ 14 and specifications filed.

ALTERATIONS

(2420) E ELSWORTH 80 S Bancroft,
Berkeley. Alterations.
Owner.....St. Mark's Church, Prem.
Architect...None.
Contractor...J. G. Winham, 589 62nd,
Oakland.
COST, \$650

Alameda.

2429 FrankOveraa 3110

FRAME DWELLING
(2129) SE SANTA CLARA AVE AND
Broadway E 50-2xs 19, Alameda. All
work except future hot water heat-
ing for one-story and basement
frame dwelling.
Owner.....Albert J. Frank.
Architect...Lewis M. Gardner, 19elan
Bldg., San Francisco.
Contractor...Carl Overaa.
Filed Oct. 2, '14. Dated Sept. 25, '14.
Roof on 1/4
Plastered 1/4
Completed and accepted 1/4
Usual 35 days 1/4
TOTAL COST, \$3110
Bond, \$1550. Surety, National Surety
Co. Limit, 80 days. Forfeit, none.
Plans and specifications filed.

COMPLETION NOTICES.

ALAMEDA COUNTY

Sept. 25, 1914—S APGAR 436 E Mar-
ket E 35xSW 139.50, Okd. Arthur
M Hobson to Standard Bldg Co.,
.....Sept. 17, 1914

Sept. 28, 1914—N HANOVER AVE 100
E Newton Ave N 70.65 SE 66.84 NW
to Hanover Ave SW and W 74.53,
Okd. H S Tande to C J Pfrang,
.....Sept. 28, 1914

Sept. 28, 1914—LOT 3 BLK 9 East
Piedmont Heights Ext., Okd. Chas
H Burman to Alfred Peterson,.....
.....Sept. 19, 1914

Sept. 28, 1914—NW SIXTH & WEST
E 75xN 100, Okd. F Depavo and
L Giachino to R E Moore,.....
.....Sept. 28, 1914

Sept. 28, 1914—SE MONTE CRISTO
Ave 61 NW Kingston Ave NW 60x
SW 120, Okd. Elizabeth Chambers
to Gust Anderson and E J Sullivan
.....Sept. 18, 1914

Sept. 28, 1914—LOT 21 BLK 6 Map
Resbdvyn ptn North Crazmont, Oak-
land Tp. Albert C and Mark E
Wright to Patrick Nelson Bldg Co
.....Sept. 23, 1914

Sept. 29, 1914—SW WENTWORTH
Ave 286.01 SE 54th Ave SE 40xSW
115, Okd. Fred Jacobs to whom it
may concern,.....Sept. 29, 1914

Sept. 29, 1914—N FIFTIETH 74 E
Shafter Ave N 80x E 34, Okd. John
George Cooke to whom it may concern,
.....Sept. 29, 1914

Sept. 30, 1914—E RICHMOND AVE
165 S 29th E 108 S 35 W 100 N 35,
Okd. Mrs Lou Norris to Justus
Norris,.....Sept. 25, 1914

Sept. 30, 1914 LOTS 105 and 166
Map Alvin Tract, Okd Martin
Schnee to Chas Nelson, Sept. 4, 1914

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INC. **IRON WORKS**

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Telephone Market 337

Sept. 30, 1914—NW RAWSON 200 N Trask N 42-6xNW 100, Okd. Chas and Louise Ruyter by M H Tremble to J W Monroe.....Sept. 30, 1914
Sept. 30, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to F E Nelson.....Sept. 28, 1914
Oct. 1, 1914—LOT 158 Map Crocker Highlands, Oakland Tp. Alta Piedmont Land Co vs C A Anderson and B G Larson.....Sept. 29, 1914
Oct. 1, 1914—PTN N 22 LOT 2 and part S 5 Lot 10 Map Werner Traet, being No. 5192 Adeline St., Bkly. Thomas M Luke to H J Sattin.....Sept. 22, 1914
Oct. 1, 1914 SW SAN ANTONIO AVE and Chestnut, Ala. Rev J B Praught to A C Wocker.....Sept. 16, 1914
Oct. 1, 1914—LOT 2 Map Crocker Highlands, Oakland Tp. Pearl Fillmore to C J Krieger.....Sept. 21, '14
Oct. 2, 1914—W BROADWAY, bet Garnet and 1st, being Nos. 4157-59 Broadway, Okd. Joseph J Costodio to whom it may concern.....Sept. 8, 1914
Oct. 2, 1914—S LINDA AVE 10 W Lake, Okd. Wm I Clarke by Harry

C Knight to Harry C Knight.....Sept. 26, 1914

LIENS FILED.

ALAMEDA COUNTY.

Sept. 26, 1914—LOT 38 Map Piedmont Manor, Piedmont. Sunset Lumber Co, \$663.81; Powell Bros Constr Co, \$62.10 vs Walter H Creighton and George A Posey...
Sept. 26, 1914—LOT 38 Map Piedmont Manor, Piedmont. Lolke Zwall vs Walter H Creighton, Geo A Posey and — Cook,\$276
Sept. 26, 1914—LOTS 20 AND 21 Geo W Austin's Shdyn Bk "D" Vernon Park Tract, Okd. E Lightfoot, \$27.50; James Cahill & Co, Inc., \$15.50; Robert F Norling, \$50 vs Howard and Minnie Williford, Charlotte A and Earle L Menker...
Sept. 28, 1914—LOT 21 BLK 13 Map Melrose Heights, Okd. J M Dale vs Torrence S Peterson.....\$95
Sept. 28, 1914—LOT 38 Map Piedmont Manor, Piedmont. Bruce Lumber & Mill Co vs J C Stevens

and Walter H Creighton.....\$290.46
Sept. 29, 1914—NE PACIFIC AVE & Benton E 37-6xN 103-8, Ala. Thos Arada vs Joseph Stromberg.....\$30
Sept. 29, 1914—LOT 4 BLK "D" Map No. 2, Highland Terrace, Oakland. Pacific Fuel & Bldg Material Co vs John J Foley, John R Faulkes and Alfred Cordes.....\$75.70
Sept. 30, 1914—LOT 16 BLK 2 Map Bladsl Tract, Okd. Geo E Well vs W S Zolski and R J Morrison.....\$4

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE—2 story and base, frame, \$30,000. Redwood City, San Mateo Co., Cal. Architects, Bliss & Paville, Balboa Bldg., S. F. Owner, Jacob Stern. The dwelling will be erected on property adjoining the home of Louis Stern, and has been designed for a modern country residence. There will be in the neighborhood of fourteen rooms, several baths and sleeping porch. Stables and a garage and hot house will also be erected. Interior of the house will be finished in pine and hardwoods. Hardwood floors will be used in all principal rooms. There will be a central heating system and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and will go out for figures in a week or ten days.

APARTMENT HOUSE—5 story and LODGE HALL—2 story and base, reinforced concrete. Cost not stated. San Mateo, San Mateo Co., Cal. Architect Will D. Shea, 244 Kearny street, S. F. Owners, Knights of Columbus Hall Association. The building will contain a large motion picture theatre on the ground floor and lodge rooms and offices on the upper floor. Interior will be handsomely finished in pine and hardwoods. There will be steam heat. Modern electric work will be installed in the theatre. Exterior of the building will be faced with cement plaster. Plans are being revised and new figures will be called for shortly.

SCHOOL GYMNASIUM—1 story and base, brick. Cost not stated. Palo Alto, Santa Clara Co., Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University. Preliminary plans are being prepared for the new gymnasium to be erected for the women of the University. The building will be similar in construction to the new gymnasium recently constructed for the men. Exterior will be faced with pressed brick. Steam heat and modern plumbing will be installed. Special apparatus will be installed. Working drawings are being prepared.
CON AWARD

MEN'S GYMNASIUM—1 story and base, brick, \$100,000. Palo Alto, Santa Clara Co., Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Leland Stanford, Jr., University, Contractors, Larsen & Sampson, Crocker Bldg., S. F. Contract price not stated.

RETAINING WALL—Reinforced concrete. Cost not stated. San Mateo, San Mateo Co., Cal. Architects, Matens & Toepke, 16 Kearny street, S. F.

Owners, City of San Mateo. Bids will be opened by the City Trustees on October 15th for constructing a retaining wall of reinforced concrete from the Library to a point on the school property. The wall will protect the earth along the creek. Plans can be secured from the architects.

BRIDGE—Steel pony truss. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications have been completed and approved for constructing a bridge on the Bodfish road over Uvas Creek. Bids are now being taken for the work and figures will be opened on October 19th. Plans and specifications can be secured from the County Surveyor at San Jose.

HIGHWAY WORK AND LIGHTING—Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the meeting of the Board of Supervisors on September 28th the following important matters were gone through: Plans and specifications for improving the highway known as the Alameda were presented by the County Surveyor and on motion the Clerk directed to advertise for bids for said work; bids to be opened Monday, October 19th, 1914, at 11 o'clock a. m. Plans and specifications for lighting Willow Glen Highway Lighting District were adopted by the Board and the Clerk directed to advertise for bids for said work; bids to be opened Monday, October 12th, 1914, at 11 o'clock a. m.

BUNGALOWS 2, 1 story and base, frame, \$2,500 each. San Jose, Santa Clara Co., Cal. Architect, none. Owners, G. S. Baggott, 150 Terranie street, and A. M. Whiteside, 71 South 19th street, San Jose. Each of these dwellings will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. The wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

FRAME DWELLING
NE HAMILTON AVE AND MERIDIAN
Road, San Jose. All work for one-story frame dwelling.

Owner.....H. G. Kessling, Premises.
Architect.....O. M. Voorman, 58 S-First St., San Jose.

Architect.....H. S. Waltz, San Jose.
Filed Sept. 24, '14. Dated Sept. 23, '14.
Frame up\$850
1st coat plaster on..... 850
When completed 850
Usual 35 days..... 850
TOTAL COST, \$3400

Bond, \$1700. Sureties, G. S. Hurff and A. C. Hastings. Limit, 75 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
S ½ LOT 5 BLK 3, Acacia Park, San
Jose. All work for one-story frame bungalow.

Owner.....J. H. Issott, 53 S-First St., San Jose.
Architect.....C. E. Baggott.
Contractor.....C. E. Baggott.

Filed Sept. 21, '14. Dated Sept. 18, '14.
Frame up\$312.50
Plastered 312.50
Finished and accepted..... 312.50
Usual 35 days..... 312.50
TOTAL COST, \$1250.00
Bond, \$700. Sureties, A. L. and T. B. Hubbard. Limit, forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
NEAR COR. SETTLE AVE & WILLOW
St., San Jose. All work for one-story frame residence.

Owner.....E. A. Stock, 117 W-William St., San Jose.
Architect.....Aitkin & Richards, Theatre Bldg., San Jose.
Contractor.....Wm. Reinhold, San Jose.

Filed Sept. 23, '14. Dated Sept. 12, '14.
Frame up 25%
Brown plaster on..... 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, \$1951.75
Bond, \$980. Sureties, J. H. Price and W. E. Haynes. Limit, 75 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
NEAR COR. WAVERLY ST. & FOREST
Ave., Palo Alto. All work for two-story frame building.

Owner.....First Presbyterian Church (M. A. Buchan, Chairman)
Architect.....A. W. Smith, 1010 Broadway, Oakland.
Contractor.....F. W. Fox, Palo Alto.

Filed Sept. 25, '14. Dated Sept. 8, '14.
Frame up\$1332.50
Brown plaster on..... 1332.50
When completed 1332.50
Usual 35 days..... 1332.50
TOTAL COST, \$5330.00
Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

FRAME RESIDENCE
W SIXTEENTH ST., bet San Salvadore
and William Sts., San Jose. All work for two-story frame residence.

Owner.....J. H. Kirkland, 175 S-13th St., San Jose.
Architect.....C. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor.....J. E. Lamb, 640 S-11th St., San Jose.

Filed Sept. 24, '14. Dated Sept. 17, '14.
Frame up\$712.50
1st coat plaster on..... 712.50
When completed 712.50
Usual 35 days..... 712.50
TOTAL COST, \$2850.00

Bond, \$1500. Sureties, O. E. and A. L. Schnabel. Limit, 80 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
NEAR EMPIRE AND SIXTEENTH
Sts., being part Lot 192, Cook and Branham addition, City of San Jose. All work for one-story frame house.

Owner.....O. A. Childers, 60 N-5th St., San Jose.
Architect.....E. D. Wells.
Contractor.....E. D. Wells.
Filed Sept. 23, '14. Dated Aug. —, '14.

Frame up\$665
Plaster on 665
When completed 665
Usual 35 days..... 665
TOTAL COST, \$2660
Bond, \$1400. Surety, Royal Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

SHEET METAL WORK
LOS GATOS NOVITIATE, Los Gatos.
Sheet metal work at Novitiate.
Owner.....Novitiate of the Sacred Heart, Los Angeles.

Architect.....Smith O'Brien, Humboldt Bank Bldg., S. F.
Contractor.....Clinton Fireproofing Co., of California, Mutual Bank Bldg., San Francisco.
Sub-Contractor.....U. S. Metal Products Co., 525 Market, S. F.

Filed Sept. 24, '14. Dated Sept. 4, '14.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2275
Bond, \$1137. Surety, New England Casualty Co. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS AND REPAIRS
SANTA TERESA ST. JAMES, San Jose.

Alterations and repairs.
Owner.....John Camgrass.
Architect.....None.
Contractor.....A. L. Compton 517 N-17th St., San Jose.
COST, \$115

ALTERATIONS
NO. 279 S-FIRST ST., San Jose. Alter
store front.

Owner.....Douglass Realty Co.
Architect.....None.
Contractor.....S. H. Gandrup, 132 N-16th St., San Jose.
COST, \$400

ALTERATIONS AND REPAIRS
NO. 365 S-NINTH ST., San Jose. Alter
and repair.

Owner.....Herman Nelson, Premises.
Architect.....None.
Contractor.....P. E. Peterson, 722 S-5th St., San Jose.
COST, \$975

ALTERATIONS
NO. 628 N-FOURTH ST., San Jose.

Alterations and repairs.
Owner.....P. Torritto, Premises.
Architect.....None.
Day's work.....
COST, \$500

COTTAGE
NW HOBSON AND POPLAR STS, San
Jose. Four-room cottage.

Owner.....G. E. Baggott, 150 Terranie St., San Jose.
Architect.....None.
Day's work.....
COST, \$1300

COTTAGE
FOURTEENTH near San Salvadore,
San Jose. Six-room cottage.

Owner.....A. M. Whiteside, 71 S-19th St., San Jose.
Architect.....None.
Day's work.....
COST, \$2500

COTTAGE
NE POPLAR & HOBSON STS., San Jose
Five-room cottage.

Owner.....B. Kessler, 117 Autumn St., San Jose.
Architect.....None.
Contractor.....Lee Gardner, 196 Hawthorne Way, San Jose.
COST, \$1860

ADDITION
NO. 787 STATE ST., San Jose. Addition

Owner.....T. Tomasco.
Architect.....None.
Contractor.....J. Garotto.
COST, \$400

BUILDING CONTRACTS.**SAN MATEO COUNTY.**

BRICK WALL.
COLUMBIA AVE & ADELINE DRIVE,
Easton. All work for brick wall.
Owner, C. Frederick Kohl.
Architect, Howard & White.
Contractor, John MacBain, Menlo Park.
Sub-Contractor, E. H. Richardson,
San Mateo.
Filed Sept. 28, '14. Dated Sept. 15, '14.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1090
Bond, \$545. Sureties, W. H. Lake and
John D. Arnett. Limit, 30 days. Forfeited, none. Plans only filed.

FRAME STORE AND FLAT
LOT 7 BLK 9, Crocker Estate, Daly
City. All work for two-story frame
store and flat.
Owner, L. Rancatori.
Architect, None.
Contractor, B. B. Wickersham.
Filed Sept. 25, '14. Dated Sept. 24, '14.
Roof on \$422.50
Brown plaster on 422.50
When completed 422.50
Usual 35 days..... 422.50
TOTAL COST, \$1690.00
Bond, \$845. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeited,
none. Plans and specifications filed.

FRAME BUILDING
LOT NO. 169 SUB NO. 2, San Mateo
Park. All work except brick, tile
and hardwood floors for one-story
frame building.
Owner, Lillian M. Coffin, et al,
San Mateo.
Architect, None.
Contractor, W. B. Eaton, Burlingame.
Filed Oct. 2, '14. Dated Oct. 2, '14.
Frame up and rafters on..... 25%
Brown mortar on 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1630
Bond, \$815. Sureties, Joseph Grimes
and H. W. Regan. Limit, 75 days.
Forfeited, none. Plans and specifications
filed.

COMPLETION NOTICES.**SANTA CLARA COUNTY.**

RECORDED **ACCEPTED**
Sept. 21, 1914—BLK 24 RANGE 1
South of the base line of San Jose
near junction of First and Market
Sts., San Jose. Seymour Mont-
gomery to R O Summers. Sept. 19, '14

LIENS FILED.**SANTA CLARA COUNTY.**

RECORDED **AMOUNT**
Sept. 22, 1914—ON WHITE ROAD
near the Pala Ranch (containing
51.297 acres) East of City of San
Jose. C N Sterlina vs Samuel and
Rose Dusenberry \$45

COMPLETION NOTICES.**SAN MATEO COUNTY.**

RECORDED **ACCEPTED**
Oct. 2, 1914—LOT 19 BLK 22, Union
Park, Colma. F Bonacorso and A
Draga to whom it may concern.
..... Sept. 24, 1914

**MARIN, CONTRA COSTA AND
SONOMA COUNTIES.**

RESIDENCE—2 story and base,
frame, \$5,000. Richmond, Contra Costa
Co., Cal. Architect, H. H. Gutterston, 80
Post street, S. F. Owner, H. W.
Wernse. The dwelling will contain
eight rooms, bath and sleeping porch.
Interior finish will be of pine and red-
wood with some white enamel. Hard-
wood floors will be used in the living
room, dining room and reception hall.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. Bath room will have tile floor
and wainscot. An automatic water
heater will be installed. Exterior of
the house will be covered with cement
plaster on metal lath. Plans are now
being prepared.

CLUB HOUSE—1 and 2 story, frame
and plaster. Cost not stated. Rich-
mond, Contra Costa Co., Cal. Archi-
tect, none. Owners, West Side Women's
Club. The women of the West Side
Women's Improvement Club are con-
sidering the erection of a new club
house for their organization. Several
sites are now being contemplated, and
it is thought that plans will soon be
underway for the proposed structure.

CLUB HOUSE—2 story and base.
Class C construction, \$10,000. Concord,
Contra Costa Co., Cal. Architect not
selected. Owners, Concord Druid's Hall
Association. Articles of incorporation of
the Druid Hall Association of Con-
cord have been filed with the County
Clerk. The corporation has been
formed with the purpose of building a
new lodge hall. The capitalization of
the incorporation is \$10,000. The di-
rectors are: G. Bartolomei, John Cere-
ghino, Galindo Crenna, Antonio Vas-
conti of Concord, and M. Selmi of Pa-
checo.

SEWER—EXTENSIONS—Cost not
stated. Vallejo, Solano Co., Cal. En-
gineer, City Engineer, Vallejo. Own-
ers, City of Vallejo. Property owners
north of Georgia street and east of
the railroad tracks have petitioned
the City Council to provide for extend-
ing the sewers of this city. In re-
sponse to the petition the City En-
gineer has been instructed to make a
survey and submit a report to the
council at their next meeting.

STREET PAVING—Cost not stated.
Sausalito, Marin Co., Cal. Engineer,
City Engineer, Sausalito. Owners,
City of Sausalito. Bids will be opened
on October 12th by the City Trustees
for paving approximately 30,000 square
yards of the city streets. Plans and
complete particulars can be secured
from either the City Clerk or City En-
gineer.

STREET PAVING—Cost not stated.
Benicia, Solano Co., Cal. Engineer,
City Engineer, Benicia. Owners, City
of Benicia. Specifications have been
completed here for the improving of
East Fifth street between the center
of C street and East Fifth street and
O streets. Plans and specifications
with complete information may be had
from the City Clerk at Benicia.

SCHOOL PLUMBING—Cost not stat-
ed. Richmond, Contra Costa Co., Cal.
Architect, none. Owners, Richmond
School District. Bids for the installa-
tion of the sanitary equipment for the
Lincoln School were opened by the
School Trustees. The following bids
were submitted: M. Morton, \$3,417; M.

B. Roberts, \$5,745; Jas. Cruickshank,
\$6,201. The Trustees have taken the
bids under advisement. An award will
be made at an early date.

SCHOOL—2 story and base, brick
or hollow tile, \$50,000. Richmond, Con-
tra Costa Co., Cal. Architects, Stone &
Wright, Stockton. Owners, Richmond
School District. That bids for the con-
struction of the Grant School, which is
to be built in East Richmond, will be
called for in about ten days, is the
opinion of the School Trustees. Tenta-
tive plans for the building have been
looked over. Architect L. S. Stone of
Stockton has announced that all but a
few blue prints are completed. W. E.
Leland of San Francisco, a heating en-
gineer, has presented plans for the
heating system.

STREET PAVING—Cost not stated.
Vallejo, Solano Co., Cal. Engineer, City
Engineer, Vallejo. Owners, City of
Vallejo. Because of an error in the
specifications, the paving on Georgia
street from Colusa to Contra Costa in
Vallejo is again postponed, the City
Street Improvement Company having
asked the City Council to release them
from their contract. It appears that
no reference was made in the call for
bids for the cement sidewalks, not
usually included in street work ad-
vertisements. New bids will be called
for immediately.

ELECTRIC RAILROAD—Cost not
stated. Benicia, Solano Co., Cal. En-
gineer's name not given. Owners, Be-
nicia Land and Terminal Company,
Benicia. The City Trustees have been
asked for a franchise for an electric
road through the city streets to the
city limits on the Vallejo road. The
application was made by A. T. Bowen,
president of the Benicia Land and Ter-
minal Company, who proposes to build
a road from Benicia to Vallejo and a
line from Benicia to Winters. A fran-
chise will be applied for at the next
meeting. Officials of the company state
that the road will be in operation
within one year.

RESIDENCE—2 story and base,
frame, \$10,000. Larkspur, Marin Co.,
Cal. Architect, Norman Coulter, 46
Kearny street, S. F. Owner, George
Eckert. The dwelling will be erected
in Baltimore Park, and has been de-
signed for an eight-room house with
baths and sleeping porch. A garage
will also be erected on the property.
Interior of the dwelling will be finished
in pine and hardwood. Hardwood
floors will be used in the principal
rooms. Plans provide for furnace heat
and open fire places. Mantels will be
of tile and brick. Bath rooms will be
finished in tile. An automatic water
heater will be installed. Exterior of
the dwelling will be covered with ce-
ment plaster on metal lath. Plans are
complete and figures are being taken.

STORES—1 story and base, rein-
forced concrete, \$10,000. San Anselmo,
Marin Co., Cal. Architects, Dolliver &
Sawin, Royal Insurance Bldg., S. F.
Owner, Mr. Walcott. The building will
be designed to contain a number of
stores. Interior finish will be of pine.
There will be large plate glass dis-
play windows and patent store fronts.
Exterior of the building will be faced
with cement plaster. Plans are being
prepared.

Contracts Awarded.

IRRIGATION WORK—Cost not stat-
ed. Byron, Contra Costa Co., Cal. En-
gineer's name not given. Owners,

Byron-Bethany Irrigation District. Bids for the excavation of three miles of the main canal in the Byron-Bethany irrigation system have been opened and the contract awarded to Steel Bros., of Ceres, Stanislaus County, on their bid of 13c per cubic yard. Murray Bros., of Hughson, Stanislaus County, were the next lowest bidders, their bid being 15c per cubic yard. Work is expected to start immediately. The main ditch will be 6 to 7 feet deep, 7 to 12 feet wide at the bottom and 20 to 30 feet wide at the top. Digging will commence at Bruns Hill, about a mile south of Byron Hot Springs, and will extend southward toward Bethany for a distance of three miles. Branches will later extend to the Mountain House road. North of Bruns Hill will extend laterals to the Byron-Brentwood line, a distance of several miles. Water will be taken from the Italian Slough. A channel will be dredged about a mile and a quarter to the Bruns Hill.

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Sept. 6, 1914—CULLODEN PARK,
San Rafael. Dr F W Alexander to
Phil Le Cornece.....Sept. 21, 1914
Sept. 28, 1914—SAN ANSELMO, Marin
Co. Chas A Lawrence and wife
Mabel to whom it may concern.....
.....Sept. 24, 1914

LIENS FILED.

MARIN COUNTY.

RECORDED AMOUNT
Sept. 25, 1914—BAYSIDE ACRES nr
San Rafael. H H Fuller, \$146; E
E Bogle, \$65; E K Wood Lumber
& Mill Co, \$467.80 vs Roger Boc-
queraz and S Saari.....
Sept. 26, 1914—BAYSIDE ACRES nr
San Rafael. R Kinsella, \$280.09; J
Mazzitini and P Bottini, \$240 vs
Roger Bocqueraz and S Saari.....

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Sept. 28, 1914—LOTS 17 AND 19 BLK
14, Turpins Add'n to City of Rich-
mond. William Chas Roberts to
Mathew Norton.....Sept. 19, 1914

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Sept. 26, 1914—LOT 6 BLK 145 Wall's
Add'n to City of Richmond. Stege
Lumber & Hardware Co vs New
Richmond Land Co, F Mallinson,
Mrs F Mallinson and William
May\$205.98

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Sept. 24, 1914—A STRIP LAND IN
Sections 20, 21, 22, T 1 N, R 3, E M
D B & M. Andrew Bonnickson to
Chas Mott and Balfour-Guthrie
Invst Co\$113.85
Sept. 24, 1914—SECTIONS 24, 23, 22,

21 and 20, T 1 N, R 3, E, M D B &
M and Rancho Los Mexicanos. L G
Geddes, \$145.73; R H Geddes, \$131.20
H C Hafley, \$189.30; H T Mc-
Namara, \$380.25; L S Gann, \$86.50
to Chas Mott and Balfour-Guthrie
Investment Company

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

IRRIGATION PROJECT — \$150,000.
Lenare District, Fresno Co., Cal. En-
gineer's name not given. Owners,
Summit Lake Investment Co., Fresno.
A. C. Cranor, Griffith-McKenzie Bldg.,
Fresno, is representing the Summit
Lake Investment Co., which owns some
125,000 acres of land located about 28
miles out of Fresno in what is known
as the Lenare District. This tract is
irrigated by 14 artesian wells and the
excess waters are to be carried off in
new canals and ditches. Mr. Cranor is
to have entire charge of the construc-
tion work, which has been estimated
to cost in the neighborhood of \$150,000.

WATER DISTRIBUTION—Cost not
stated. Grass Valley, Nevada Co., Cal.
Engineer's name not given. Owners,
Nevada County Water Consumers' As-
sociation, Grass Valley. The Nevada
County Water Consumers' Association
will hold an important meeting at the
headquarters of the Chamber of Com-
merce in this city on October 10th. At
this meeting it is expected that some
definite action will be taken on the
system of water distribution to re-
claim thousands of acres in the south-
ern part of the county. Although the
Pacific Gas and Electric Co. has seem-
ingly passed the matter up, the asso-
ciation is endeavoring to adopt some
co-operative plan for the building of
the canals. It is possible that the Su-
pervisors will be petitioned to call an
election to allow the people to vote
irrigation bonds.

CANAL REPAIRS AND HEAD-
GATES—Cost not stated. Fresno,
Fresno Co., Cal. Engineer, none. Own-
ers, Fresno Canal and Irrigation Co.,
Fresno. More than seventy-five men
will be put to work in a few days
cleaning and repairing the 450 miles
of canals controlled by the Fresno
Canal and Irrigation Company. New
headgates on concrete foundations will
be installed in many places. The work
will last several months. A section of
the Enterprise Canal north of Clovis
may be cemented to prevent flood
damage.

CHURCH ADDITION AND ALTERA-
TION—Frame construction. Cost not
stated. Fresno, Fresno Co., Cal. Ar-
chitect, A. C. Martin, Higgins Bldg., L.
A. Owners, Roman Catholic Church.
The work will consist of new interior
plastering and decoration, art glass
windows and painting. The nave will
be extended, this portion of the build-
ing being of brick with a slate roof.
Plans are being prepared.

SCHOOL—2 story and base. Class
C construction, \$30,000. Fresno, Fresno
Co., Cal. Architect, J. Carl Thayer,
Fresno. Owners, Fresno School Dis-
trict. The building will be known as
the Jefferson School and will contain
six class rooms and an assembly hall.
First floor and all corridors and stair-
ways will be of concrete. Interior will
be finished in pine with maple floors
in the class rooms. A central heating
system with oil burning equipment

will be installed. Slate blackboard
will be used. Exterior of the building
will be faced with pressed brick. Plans
are being completed and figures will
shortly be called.

BUILDING CONTRACTS.

FRESNO COUNTY.

SCHOOL
SE 1/4 OF SW 1/4 OF SEC. 12, 15, 21,
Fresno. All work for one-story
school building.
Owner.....Magnolia School District,
Fresno County.
Architect.....C. K. Kirby Jr., Fresno.
Contractor, Johnson Bros., Kingsburg.
Filed Sept. 25, '14. Dated Sept. 24, '14.
Footings and foundation walls
in floor joists in place and wall
up to window sills.....\$1885
Tile walls completed, roof on
and made tight1885
When completed1885
Usual 35 days.....1885
TOTAL COST, \$7540
Bond, \$1000. Sureties, A. T. Carlson
and J. E. Eklund. Limit, 80 working
days. Forfeit, none. Plans and spec-
ifications filed.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

RESIDENCE — 1 story and base,
frame, \$4,000. Woodland, Yolo Co.,
Cal. Architect, C. H. Miller, Dalziel
Bldg., Oakland. Owner, Ralph Schuer.
The dwelling has been designed for a
six-room house with bath. Interior
will be finished in pine and redwood.
Hardwood floors will be used in the
living and dining rooms. There will be
furnace heat and open fire place. Man-
tel will be of tile or brick. Tile wains-
cot will be used in the bath room.
Exterior of the house will be covered
with cement plaster on metal lath.
Plans are being prepared.

BUNGALOWS—2, 1 story and base,
frame, \$2,000 each. Sacramento, Cal.
Architect, none. Owners, J. J. Jennings,
719 J street, and H. C. Muddox, 2930 K
street, Sacramento. These two dwell-
ings will each contain five rooms and
bath. Interiors will be finished in pine
and redwood. Some oak floors will be
used. There will be open fire places
and tile or brick mantels. Bath rooms
will have tile wainscot. Exteriors will
be covered with rustic and cement
plaster on metal lath. Plans are com-
plete and in the hands of the owners
who will do the work by Day Labor.
Materials are now being purchased.

COURT HOUSE GROUNDS, ETC.—
Cost not stated. Sacramento, Cal. Ar-
chitect, A. R. Herold, Forum Bldg., Sacra-
mento. Owners, Sacramento County.
Bids opened by the Board of Supervi-
sors for the improving of the north
half of the Court House block show
the following bidders and figures: E.
M. Berniere, \$18,500; G. W. Martin &
Son, \$16,546; Teichert & Ambrose, \$16,-
374; J. Lawrence, \$17,895.

HOTEL AND STORES—3 story and
base, Class C construction, \$40,000.
Stockton, San Joaquin Co., Cal. Ar-
chitect, Henry H. Meyers, Kohl Bldg.,
S. F. Owners, R. E. Wilhoit & Son.
The building will be erected on a cor-
ner lot and has been designed to con-
tain a number of stores on the ground
floor besides the hotel lobby. Upper
floors will contain in the neighbor-

hood of 10 bath rooms besides the baths. Interior finish will be of pine throughout. There will be steam heat and a hot water supply. Bath rooms will be finished in tile. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PAVING PLANT — \$10,000. Sacramento, Cal. Engineer, none. Owner, A. Teichert, Ischner Bldg., Sacramento. A new asphalt plant will be constructed at the corner of Lakes and Railroad avenues. The work will be done by day labor. Materials are now being purchased.

BRIDGE—Timber construction. Cost not stated. Woodland, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. Plans for the construction of the wooden bridge to span the new Woodland-Knights Landing road over the Knights Landing ridge cut in Yolo County have been submitted to the Knights Landing Drainage Commission for its approval. Bids will be called for on approval.

CHURCH—1 story and base, frame, \$10,000. Lockeford, San Joaquin Co., Cal. Architect, James W. Placcek, Acheson Bldg., Berkeley. Owners, Lockeford Congregational Church. The building will contain a main auditorium, social rooms and Sunday school rooms. Interior finish will be of pine throughout. There will be furnace heat. Exterior of the building will be covered with rustic. Plans are now being prepared.

RESIDENCE — 1 story and base, frame and stone, \$5,000. Sisson, Siskiyou Co., Cal. Architect, James W. Placcek, Acheson Bldg., Berkeley. Owner, Head Forester Schuller, Sissons. The dwelling has been designed for an eight-room house with two baths. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of stone and tile. Tile wainscot will be used in the bath rooms. Exterior of the house will be covered with stone veneer and cement plaster. Plans are being prepared.

TRUNK SEWER WORK — Concrete, \$32,000. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids will be opened on October 8th for constructing a trunk line sewer between the southern part of the city and the new city pump. Plans and specifications can be secured from the City Engineer.

GAS PLANT IMPROVEMENTS — \$50,000 to \$60,000. Woodland, Yolo Co., Cal. Engineer, none. Owners, Pacific Gas and Electric Co. Rather indefinite plans are being prepared by the officials of the Pacific Gas and Electric Co. to improve gas service in this place. The project is either to construct a new plant altogether or to lay a pipe line from Sacramento and discontinue the making of gas here. Whichever plan is put into effect the cost will be between \$50,000 and \$60,000.

HIGHWAY WORK—Cost not stated. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. At a meeting of the M. M. and E. recently a resolution was adopted favoring the construction of a lateral from the main trunk of the State Highway from Marysville to Downleville via Smartsville, Nevada

City and Comptonville. The proposed route from Comptonville to Downleville would follow the North Fork of the Yuba River. A committee is urging that this lateral be built. James K. O'Brien of Smartsville and Commissioner Miller of Nevada City will be asked to serve with the joint committee.

SCHOOL—1 story and base, hollow tile construction, \$25,000. Folsom, Sacramento Co., Cal. Architects, George C. Sellon and Alden W. Campbell, 1005 K street, Sacramento. Owners, Folsom School District. Plans for this building have been revised and new figures are being taken. The building will contain eight class rooms and an assembly hall. Interior will be finished in pine with some maple boars. There will be a central heating system and oil burning equipment. Modern school plumbing will be installed. Exterior of the building will be faced with cement plaster. Plans and specifications can be secured from the architects.

Contracts Awarded.

STREET PAVING—\$27,560. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, Clark & Henery, Stockton. Contract price, \$27,560.

SEWER WORK — \$22,000. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractor, J. W. Terrell, Chico. Contract price, \$22,000.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

ASPHALT PAVING PLANT
OAKES AND RAILROAD AVES, Trct containing 1 1-16 acres, Sacramento. Asphalt paving plant.
Owner.....A. Teichert, Ochner Bldg., Sacramento.

Architect...None.
Day's work.....

COST, \$9500

CHEMICAL ENGINE HOUSE
LOTS 416 AND 417 W & K SUB 17, Sacramento. Build chemical engine house.

Owner.....City of Sacramento, City Hall, Sacramento.

Architect...None.
Contractor...Geo. S. Hayes, Hotel Land, Sacramento.

COST, \$4000

FRAME RESIDENCE
S ½ LOTS 2 AND 3 ADD'N "B" East Sacramento. Five-room dwelling.
Owner.....H. C. Muddox, 2920 K St., Sacramento.

Architect...None.
Day's work.....

COST, \$2000

FRAME RESIDENCE
NO. 3215 V ST., on lot 24 East End Addition, Sacramento. Five-room frame dwelling.

Owner.....J. J. Jennings, 719 J St., Sacramento.

Architect...None.
Day's work.....

COST, \$1500

FRAME RESIDENCE
S ½ OF N ½ LOT 1, S. T. 6TH & 7TH STS., Sacramento. Five-room dwlg.
Owner.....Louis Gregory, 1905 6th St., Sacramento.

Architect...None.

Contractor...George Jacobs, 1214 9th St. Sacramento.

COST, \$1000

ALTER STORES AND LODGINGS
NO. 1001 TENTH W 60 feet of S 10 feet Lot 8, I, J, 10th and 11th Sts. Sacramento. Repair lodging houses and stores.

Owner.....Peter Bohl, 713 11th St. Sacramento.

Architect...None.
Contractor...Chas. Vanina, 2022 M St. Sacramento.

COST, \$800

ALTER FRAME BUILDING
NO. 508 TWENTY-THIRD ST., S 10 Lots 3 and 4, E, F, 22nd and 23rd Sts. Sacramento. Move and repair one story frame building.

Owner.....Lulu Dwyer, Premises.
Architect...None.

Contractor...W. J. Montgomery, 2211 J St., Sacramento.

COST, \$500

ADDITION
E 10 FEET LOT 2 AND W 22 ½ FEET LOT 3, P, Q, 4th and 5th Sts., Sacramento. Add bath room and stairs.
Owner.....L. Yutrovich, 416 P St. Sacramento.

Architect...None.
Contractor...Siller Bros., 1400 P St. Sacramento.

COST, \$450

ALTER CONCRETE FLOOR
NO. 1326 K ST., on W 60 feet Lot 6, J, K, 13th and 14th Sts., Sacramento. Take up present concrete floor in basement of garage and place new concrete floor.

Owner.....J. D. Lauppe, Premises.
Architect...None.

Contractor...Teichert & Ambrose, 21 Ochner Bldg., Sacramento.

COST, \$225

FRAME DWELLING
NO. 218 W 88., on W ½ of N 45 feet Lot 3, W, X, 2nd and 3rd Sts., Sacramento. All work for four-room dwelling and bath.

Owner.....Louis Hiance, Premises.
Architect...None.

Contractor...Frank Silva.

COST, \$1600

ALTERATION AND ADDITIONS
NO. 1413 L ST., on E ½ Lot 5, K, L, 14th and 15th St., Sacramento. Reshingle and addition.

Owner.....Mrs. Minnie Dean, Suite Hotel, Sacramento.

Architect...None.
Contractor...Geo. Potter.

COST, \$500

ALTERATIONS
NO. 1417 L W ½ LOT 6, K, L, 14th and 15th Sts., Sacramento. Reshingle roof and addition.

Owner.....Mrs. Minnie E. Dean, Suite Hotel, Sacramento.

Architect...None.
Contractor...Geo. Potter.

COST, \$500

ALTERATIONS
NO. 2100 L ST., W ½ N ½ LOT 1, L, M, 21st and 22nd Sts., Sacramento. Reshingle and repair porches.
Owner.....Catherine O'Brien, Prem.
Architect...None.

Wednesday, Oct. 7, 1914.

BUILDING AND INDUSTRIAL NEWS

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Contractor..Chas. Vanina, 2022 M St.,
Sacramento.

COST, \$100

DWELLING

LOT 1252 Wright & Kimbrough Tet No.
27, Sacramento. Four-room dwelling
(rear).

Owner.....Louis Hill, 2424 Miller Ave
Sacramento.

Architect...None.

Day's work. COST, \$500

DWELLING

TWENTY-THIRD STREET AND 3RD
Ave, Lot 123 West Curtis Oaks, Sacra-
mento. Five-room dwelling and 2
sleeping porches.

Owner.....Freeman Smith.

Architect...None.

Contractor..T. A. McDougall, 2712 1st
Ave., Sacramento.

COST, \$3000

DWELLING

NO. 2700 X ST., on W 1/2 of N 1/2 Lot 1,
X, Y, 27th and 28th Sts., Sacramento.
Six-room dwelling.

Owner.....J. T. Tregellas, 1507 23rd
St., Sacramento.

Architect...None.

Contractor..G. E. Hardie.

COST, \$2750

DWELLING

NO. 417 TWENTY-FOURTH ST., on 1/4
Lot 8, D, E, 24th and 25th Sts., Sacra-
mento. Six-room dwelling.

Owner.....Wm. J. McKnight.

Architect...None.

Contractor..Wright & Kimbrough
Bldg., Dept., Sacramento.

COST, \$2700

DWELLING

PIEDMONT AVE on Lot 10 Venado
Place, Sacramento. Five-room dwlg.
Owner.....W. F. Foster, 3706 Orange,
Sacramento.

Architect...None.

Contractor..W. I. Davis, 3104 1st Ave.,
Sacramento.

COST, \$1400

DWELLING

NO. 2420 SIXTEENTH ST., S 1/2 of N 1/2
of E 70 feet Lot 6, X, Y, 15th and 16th
Sts., Sacramento. Three-rooms and
bath.

Owner.....O. Cecchetti, 1210 4th
St., Sacramento.

Architect...None.

Contractor..Otto Griebach.

COST, \$450

FRAME RESIDENCE

LOT 251 Wright & Kimbrough Tract
No. 14, Sacramento. Erect dwelling.

Owner.....Dr. J. E. Harris, County
Hospital, Sacramento.

Architect...None.

Contractor..John Morrill.

COST, \$1500

ALTER BRICK WALL

NO. 522 J ST., on E 20 feet Lot 3, J, K,
5th and 6th Sts., Sacramento. Re-
move brick wall and rebuild new
wall.

Owner.....Wm. Rippon, 875 Haight,
San Francisco.

Architect...None.

Contractor..Chas Vanina.

COST, \$300

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED

Sept. 29, 1914—W 1/2 LOT 3, K, L, 3rd
and 4th Sts., Sacramento. James H
Donnelly and P E Wright to L G
Barton and L E Ilite....Sept. 21, 1914

Sept. 28, 1914—W 60 FEET LOT 7, B,
C, 18th and 19th Sts., Sacramento.
California Almond Growers' Ex-
change to P J O'Brien....Sept. 17, 1914

Sept. 25, 1914—E 1/2 LOT 12 of Oak
Grove Tet, Sacramento. A W Clif-
ton to E S Mason.....Sept. 25, 1914

ACCEPTED

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED

Sept. 25, 1914—LOT 1545 Wright and
Kimbrough Tet No. 24, Sacramento.
Crane Co vs L T Allee et al. \$120.53

Sept. 25, 1914—W 1/2 LOT 3, G, H,
26th and 27th Sts., Sacramento.
Crane & Co vs Eliza Schuler et al
.....\$246.85

AMOUNT

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED

Sept. 26, 1914—E 1/2 LOT 3, W, N,
25th and 26th Sts., Sacramento. A
Teichert to S H Sayre.....

AMOUNT

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

FRAME SCHOOL

ON CHEROKEE LANE, 7 miles north
of Stockton. All work for two-room
frame school building.

Owner.....Davis School District, Geo.
W. Ashley, W. H. Harrison
and Geo Swain, Trustees.

Architect...W. E. Wood & Son, 313 E-
Weber St., Stockton.

Contractor..Hieb Bros., Lodi, Cal.

Filed Sept. 30, '14. Dated Sept. 23, '14.

Weekly installments of..... 75%

Usual 35 days.....Balance

TOTAL COST, \$3194

Bond, \$1597. Sureties, R. S. Fuller,

Henry Frey and Alfred Westfall. Limit,

90 days. Forfeit, none. Plans and

specifications filed.

ORNAMENTAL IRON AND BRONZE

work on above.

Contractor..California Artistic Metal
& Wire Co., 365 7th, S. F.

Filed Sept. 18, '14. Dated Sept. 12, '14.

Payments same as above.....

TOTAL COST, \$14,106

Bond, \$7053. Surety, National Surety

Co. Limit, 30 days. Forfeit, \$50 a

day. Plans and specifications filed.

ALL MASONRY AND BRICK WORK

on above.

Contractor..A. P. Brady, Humboldt
Bank Bldg., S. F.

Filed Sept. 18, '14. Dated Sept. 14, '14.

Payments same as above.....

TOTAL COST, \$13,793

Bond, \$6897. Surety, The Atena Ac-
cident & Liability Co. Limit, 50 days.

Forfeit, \$50 a day. Plans and specifi-
cations filed.

ROOFING

NW SUTTER AND MAIN STS, Stock-
ton. Roofing and sheet metal work
for 10-story "Class A" bank and
office building.

Owner....Commercial & Savings
Bank, 320 E-Main Stockton

Architect...L. B. Dutton, Chronicle
Bldg., San Francisco.

Contractor..Forderer Corliss Works,
269 Potrero Ave., S. F.

Filed Sept. 18, '14. Dated Sept. 11, '14.

Semi-monthly installments which
together with prior payments

shall not exceed 75% of value of
work then completed.....

TOTAL COST, \$4540

Bond, \$2270. Surety, National Surety

Co. Limit, 62 days. Forfeit, \$50 per

days. Plans and specifications filed.

MARBLE & TILE WORK ON ABOVE.

Contractor..American Marble & Monae
Co., 25 Columbus Sq., S. F.

Filed Sept. 18, '14. Dated Sept. 11, '14.

Payments same as above.....

TOTAL COST, \$17,500

Bond, \$8750. Surety, Globe Indemnity

Co. Limit, 60 days. Forfeit, \$50 per

day. Plans and specifications filed.

CARPENTER, AND CABINET WORK

on above.

Contractor..Pacific Manufacturing Co.,
177 Stevenson, S. F.

Filed Sept. 18, '14. Dated Sept. 11, '14.

Payments same as above.....

TOTAL COST, \$18,410

Bond, \$9205. Surety, The Fidelity and

Casualty Co. of New York. Limit, 82

days. Forfeit, \$50 per day. Plans and

specifications filed.

INTERIOR AND EXTERIOR PAINT-

ing and finishing work (except decora-
tion in banking quarters) on above

Contractor..H. Maundrell, 320 Hayes,
San Francisco.

Filed Sept. 18, '14. Dated Sept. 10, '14.

Payments same as above.....

TOTAL COST, \$3800

Bond, \$1900. Surety, Southwestern

Surety Insurance Co. Limit, 91 days.

Forfeit, \$50 a day. Plans and specifi-
cations filed.

ALL PLAIN AND ORNAMENTAL AND

cement plastering on above.

Contractor..Floodberg & McCaffery,
Monadnock Bldg., S. F.

Filed Sept. 18, '14. Dated Sept. 15, '14.

Payments same as above.....

TOTAL COST, \$10,560

Bond, \$5280. Surety, National Surety

Co. Limit, 73 days. Forfeit, \$50 a

day. Plans and specifications filed.

ELEVATOR EQUIPMENT ON ABOVE.

Contractor..Otis Elevator Co., Beach
& Stockton, San Francisco.

Filed Sept. 18, '14. Dated Sept. 14, '14.

Machinery installed..... 50%

Work completed..... 25%

36 days after..... 25%

TOTAL COST, \$10,000

Bond, \$5000. Surety, National Surety

Co. Limit, January 1, 1915. Forfeit,

\$50 a day. Plans and specifications filed

NO. 1809 W ST., on Lot 6168, Mission
Treach, Sacramento. Five-room
dwelling.

Owner.....Manuel A. Fratis, 1728 D
St., Sacramento.

Architect...None.

Day's work.

COST, \$1500

LOS ANGELES AND SOUTHERN CALIFORNIA.

BRIDGES—1 steel and reinforced concrete, \$10,000 and \$75,000. Santa Barbara Co., Cal. Engineer, County Surveyor F. F. Flournoy, Santa Barbara Owners, Santa Barbara County. A \$10,000 bridge, 100 feet long and 77 feet high to carry the State Highway across the waterway at El Guadalupe, is now occupying the attention of County Surveyor F. F. Flournoy. The structure has been demanded by the State Highway Commission to enable them to keep to the grade along their survey. Plans for another bridge have also been started. This bridge will be 225 feet long and 80 feet high across the Arroyo Honda. The structure will cost in the neighborhood of \$75,000.

HIGHWAY WORK—\$1,000,000. Santa Barbara, Santa Barbara Co., Cal. Engineer, County Surveyor F. F. Flournoy, Santa Barbara Owners, Santa Barbara County. The survey of the proposed road over the Najoqui hill from the State Highway at the foot of the Najoqui over the Alisal grade to the Santa Ynez Mission, connecting the Santa Ynez country with the State Highway, has been commenced. Engineer J. H. Kincaid has been sent out by County Surveyor F. F. Flournoy to take charge of the work. The road to be surveyed is eight miles long, over hills, and is one of the proposed roads to be built under the expected bond issue of \$1,000,000. The order for this survey was given by the Board of Supervisors before the bond issue was proposed.

APARTMENT HOUSE—4 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. The building will be erected at the corner of Flope and Fifth streets, covering an area of 61 by 65 feet. There will be a total of 76 suites in the building, arranged in two and three room apartments. All apartments will have wall beds and private baths. Interior will be finished in pine and elm. Plans provide for steam heat, a hot water system and automatic elevator. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

CHURCH—1 story and base, frame, \$10,000. Riverside, Riverside Co., Cal. Architect, Lester S. Moore, 596 Blaine street, Riverside. Owners, Providence Congregational Church. The main auditorium will seat in the neighborhood of 200 people. Besides the auditorium there will be Sunday school rooms and social rooms. The building will cover an area of 64 by 65 feet. Interior will be finished in pine. There will be modern plumbing and electric work. Exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

CHURCH—1 story and base, frame and plaster, \$10,000. Santa Monica, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, First Baptist Congregation. The building will cover an area of 50 by 90 feet, and will contain an auditorium seating 300

people besides 15 class rooms and pastor's study. Interior will be finished in pine. There will be art glass windows and ornamental plaster work. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE—2 story and base, frame. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, Harold R. Dunn, Van Nuys Bldg., L. A. Owner, E. K. Dunbar. The dwelling has been designed in the Swiss Chalet style and will contain nine rooms, two baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the living room, dining room and reception hall. Open fire places and tile and brick mantels will be used. Bath rooms will be finished in tile. Exterior of the building will be covered with shakes and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—1 and 2 story and base, brick, \$75,000. Beverly Hills, Los Angeles Co., Cal. Architect, W. J. Dodd, Marsh-Strong Bldg., L. A. Owner, Roland Bishop. The dwelling will contain sixteen rooms, six baths and sleeping porches. A two-story frame garage will also be erected on the property. Interior of the dwelling will be finished in mahogany and white enamel. Hardwood floors will be used throughout except in the baths which will have tile floors and wainscot. There will be steam heat, a hot water supply and vacuum cleaning. Art glass will also be used. Exterior of the house will be faced with pressed brick. A large retaining wall and formal gardens will be constructed. Plans are now nearly complete and figures will be called for in a short time.

BRIDGE—Reinforced concrete construction. Cost not stated. Riverside, Riverside Co., Cal. Engineer, County Surveyor, Riverside. Owners, Riverside County. Bids will be received by the Board of Supervisors of Riverside County up to October 10th for the construction of a concrete bridge over the San Jacinto River near the San Jacinto Hot Springs in accordance with plans and specifications, which may be obtained from County Surveyor Fulmor.

PORTLAND AND OREGON.

CHURCH—2 story and base, reinforced concrete, \$40,000. Portland, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, First Methodist Church. The building will be erected at the corner of 14th and Taylor streets, covering an area of 100 by 60 feet and will be of fire-proof construction. The ground floor will be arranged for general club rooms and social parlors, while the upper floor will contain an auditorium to seat 600 people and a number of class rooms. Interior finish will be of pine and ornamental plaster. Art glass windows will be installed. There will be a central heating system and modern plumbing. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

ARMORY—1 story and base, reinforced concrete, \$60,000. Eugene, Ore. Architects, Hunzicker & Preusse, Eugene. Owners, State of Oregon. The

building will cover an area of 160 feet square and will be of semi-fireproof construction with reinforced concrete walls, floor and roof slabs. Interior has been arranged for a large assembly hall and drill room, completely equipped gymnasium with swimming pool and showers and a number of private rooms. Interior finish will be of pine. A maple floor will be used in the drill room. There will be steam heat and modern plumbing. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

SCHOOL—2 story and base, reinforced concrete and brick, \$160,000. Portland, Ore. Architect, E. A. Naramore, Court House, Portland. Owners, City of Portland. The building will be erected at the corner of 20th and Hoyt streets and will be of semi-fireproof construction. There will be twenty-four class rooms, an auditorium seating 700 people, domestic science and manual training departments and a large gymnasium with swimming pool and showers. Interior will be finished in pine throughout with maple floors in the class rooms. There will be a central heating system, probably steam heat with oil burning equipment. Modern school plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are now being taken. Bids will close on October 19th. Plans and specifications can be secured from the architect.

SCHOOL—2 story and base, brick, \$25,000. Athena, Ore. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, Athena School District. The building will cover an area of 78 by 125 feet and will contain eight class rooms, assembly hall, auditorium and teachers' rooms. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat and modern school plumbing. Slate blackboards will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE AND WASHINGTON.

COLD STORAGE WAREHOUSE—6 to 8 story and base. Class A construction. Seattle, Wash. Engineers, Port of Seattle Commission, Seattle. Owners, City of Seattle. Bids for the construction of the proposed cold storage warehouse to be built by the Port of Seattle Commission have been opened and show the Pearson Construction Co. of Seattle the lowest bidder on their bid of \$164,895 for the eight-story structure and \$114,997 for the smaller building. It is expected that the contract will be awarded to them.

STREET PAVING HELD UP.

VALLEJO, Soano Co., Cal.—Because of an error in the specifications, the paving of Georgia street from Colusa to Contra Costa, has been held up and the City Street Improvement Co. has asked the Council to release them from their contract. It appears that no reference was made in the call for bids for the cement sidewalks, not usually included in street work advertisements. New bids will be called for.

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MANY EUROPEAN NATIONS TO BE
REPRESENTED AT SAN FRAN-
CISCO.

War Will Not Halt The Panama-Pacific
International Exposition.

JAPAN ASKS FOR MORE EXHIBIT
SPACE.

Plans Unchanged France Announces;
Holland Increases Its Appropria-
tion; Germany and Great
Britain Will Be Represent-
ed by Individual Ex-
hibitors.

ITALY HAS ORDERED WORK UPON
HER PAVILION AND EXHIBITS
RUSHED.

San Francisco Special Correspondence.

Early in August in response to inquiries from all parts of the globe, the management of the Panama-Pacific International Exposition announced that the exposition would not be postponed. The development of events since that time, in their relation to the exposition, all tends to confirm the wisdom of that original decision. When the decision was made no word has been received from any European nation as to what effect the European war would have upon its plans. In the last six weeks, however, it has become evident that many European nations will be represented at San Francisco.

So rapid has been the progress in the construction of the city of foreign government pavilions and palaces to the west and south of the Palace of Fine Arts during the first six weeks of the European war that each of them appears to be making an extra effort to surpass its neighbors. Of the 40 foreign governments which have committed themselves to participate, not one has withdrawn. On the contrary many have applied for more exhibit space and some have greatly increased their appropriations. Spain, France, Italy, Holland, Japan, China, Sweden, and other nations in the war zone have officially notified the exposition that they will proceed with their buildings or exhibits despite the war.

Construction Progressing Rapidly.

The beautiful pavilions of Sweden, Bolivia, the Philippine Islands and Cuba are from 80 to 90 per cent completed. Those of Honduras and Canada—the latter a huge structure to be filled wholly with displays from Canada and moving picture halls—are finished. The German Kali Syndicate building, constructed in part by the German government, is more than half finished, as is the Holland pavilion, which is set in a large garden. The

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huge Chinese building, as well as the two mosque-like buildings of the Ottoman Empire, are nearly half completed. The three government buildings of Japan, to be set in a four acre garden, are being built in Japan, to be sent "knocked down" and erected between the palaces of Cuba, Denmark and France, one of them being an ancient temple. Australia and New Zealand are rushing their buildings, which are over 25% completed. The Chilean and Peruvian buildings will flank that of New Zealand, while Italy, Brazil and Argentina surround Turkey on three sides.

Large Funds For Participation

Within ten days after the war broke out Holland has increased its appropriation from \$100,000 to \$100,000 and ordered that construction be rushed upon the great Netherlands pavilion, immediately adjoining the Palace of Fine Arts.

The Persian display has been assembled at Teheran and is ready for shipment. Spain, which had not decided to participate officially before the war has since voted an initial fund, \$100,000, for participation.

England, Germany and Austria will be represented by individual exhibitors or by associations of exhibitors. Norway is proceeding actively with her plans and Denmark broke ground for her pavilion the first week in September. The Argentine Republic, in view of the new trade alignments between the American continents, has increased its appropriation from \$1,250,000 to \$1,750,000; Italy has ordered construction rushed upon her great pavilion. Since the war broke out important publications in France have written the exposition for illustrations and data.

The Grand Duchy of Luxemburg despite the war has prepared and shipped a marvelous exhibit of unnamed roses to compete for the \$1,000 prize for the Panama-Pacific International Exposition Rose. The Netherlands for its great government horticultural exhibit has asked for and has been granted 52,000 square feet of space and the plants are being assembled in seven different cities in Holland under the supervision of government experts. Japan has asked for 8,000 additional square feet of exhibit space for her horticultural exhibit, making altogether in the competitive horticultural exhibit a total of 12,000 square feet. This in addition to a four acre garden. Japan will be represented upon a vast scale in all the exhibit palaces. Cuba has asked for additional space and is making elaborate arrangements for her \$250,000 display.

France cabled that her plans are unchanged. Aside from the action of the French Exposition Commission the Athletic Department of the exposition has received word from France that there will be a representation in the athletic events. Undoubtedly some of the entries on the athletic sports program will not be made and some of the art treasures intended for the Palace of Fine Arts will not be shown at San Francisco because of the war, but not by any means the majority or the most important of them, and there are many factors in the situation which will more than compensate for these losses.

Since the war broke out there has been a very sharp increase in the demand for exhibit space from the manufacturers of the United States, South America and the European nations not at war.

While there is now no doubt that many European nations will be represented at the exposition, it is apparent that in addition, there will be an unprecedented representation from South America and the Orient, as well as from Central America.

The exposition has become very important in an extraordinary economic situation. Manufacturers and exhibitors from South America and the Orient are preparing for a liberal representation. Cochín China, Indo China and Siam, the Philippines and many of the states of India and South Africa are beginning their preparations.

In regard to attendance traffic managers are of the opinion that the European war is likely to increase travel to California in 1915 rather than to reduce it.

Safety First In Concrete Floors

E. A. Bullos & Co. Explain the Uses
of "Carbite," a New Product That
is Finding Rapid Favor.

Abreast with the "Safety First" movement, the Engineering Department of this city is trying out a new cement finish called Carbite. The ninety foot safety station on Market street opposite Montgomery has its surface treated with this composition, and it stands today a specimen of one of the best designed stations in San Francisco, if not in the world. Carbite was used in this platform to reduce to a minimum the danger from slipping upon a smooth wet surface and it may be of interest to our readers to know

of this product which may be used on all horizontal cement areas and whose corrective properties greatly broaden the field of cement floors.

Carbite is a composition having carhide of silicon as a base. These particles are as hard as diamond dust and retain their original character after the mortar is set. The other particles of the composition permanently fill up the pores and make the surface absorption and dustproof.

Carbite is used as a dust coat when the floors are being laid. Just after the topping mortar has been levelled off, a quantity of Carbite is dusted over the surface, and this is floated and trowelled in becoming an integral part of the mortar. It will form a surface that has somewhat the texture and consistency of an emery wheel and as it is impervious to absorption, will dry off much quicker than ordinary sidewalks will.

The manufacturers of Carbite, E. A. Bullis & Co., of the Merchants National Bank Building, state that their material may also be used for darkening sidewalks in place of lamp black; and this firm will gladly furnish samples and any additional information to interested parties.

Carbite was successfully used in the new twelve-story City Hall in Oakland. Among other places where this material may be used are floors in public buildings, railway platforms, loft buildings, power plants and garages, or in any other horizontal area where in it is desired to do away with the absorption, dusting and smoothness of darkened mortar of ordinary cement.

UP AND DOWN THE COAST.

WILL BUILD HALL.

CONCORD, Contra Costa Co., Cal.—Articles of incorporation of the Druid Hall Association of Concord have been filed with the County Clerk. The corporation has been formed with the purpose of building a new lodge building. The capitalization of the incorporation is \$10,000. The directors are: G. Bartolomei, John Cereghino, Galindo Crenna, Antonio Vasconi of Concord and M. Bolmi of Pacheco.

BIDS FOR TRUNK LINE SEWER.

SACRAMENTO, Sacramento Co., Cal.—Specifications have been adopted by the City Commission for the big trunk line sewer to connect the drainage canal in the southern part of the city with the new city pump. Bids will be taken until October 8th. The work will cost in the neighborhood of \$32,000.

IRRIGATION WORK AWARDED.

BYRON, Contra Costa Co., Cal.—Bids for the excavation of three miles of the main canal in the Bryon-Bethany irrigation system have been opened and show Steel Bros. of Ceres, Stanislaus County, low on their bid of 13 cents per cubic yard. Work will start immediately.

WANT SEWER EXTENSION.

VALLEJO, Solano Co., Cal.—Property owners north of Georgia street and east of the railroad tracks have petitioned the city council to provide for the extension of the sewer of this city. In response to the petition the City Engineer has been instructed to make

a survey and submit a report to the council at their next meeting.

BRIDGE PLANS COMPLETED.

WOODLAND, Yolo Co., Cal.—Plans for the construction of the wooden bridge to span the new Woodland-Knights Landing road over Knights Landing ridge cut in Yolo County have been completed and submitted to the Knights Landing Drainage Commission for its approval. On approval of the plans bids will be called for.

HIG PIPE LINE TO GO UNDER CONSTRUCTION IMMEDIATELY.

Pipe Line From Coalinga Oil Fields to Martinez Refinery to be Constructed.

RICHMOND, Contra Costa Co., Cal.—The State Railway Commission has given permission to the Valley Pipe Line Company, a subsidiary corporation of the American Gasoline Company, to issue over \$1,000,000 in bonds to build a pipe line from the Coalinga oil fields to Martinez where a refinery is located. The work is to start immediately as the bonds have already been sold.

LOW BIDDER FOR PLUMBING.

RICHMOND, Contra Costa Co., Cal.—M. Morton of this city was the low bidder for the installation of sanitary equipment in the Lincoln School. The trustees have taken the bid under advisement. A contract will be awarded at the next meeting.

BENICIA TO IMPROVE STREETS.

BENICIA, Solano Co., Cal.—Plans and specifications have been completed for improving E-Fifth street, between Center and C streets; E-Fifth and O streets. Plans and specifications with complete information may be had from the City Clerk at Benicia.

BIDS FOR STREET WORK.

CORONA, Riverside Co., Cal.—Bids for improving Sixth street from East Boulevard to Yorba street on the west side of town were opened by the Board of Supervisors and show Johnson, Shea Co. low at \$37,633.35. There were three bids submitted. All bids were referred to the City Engineer and Street Superintendent, who will report at the next meeting when an award of contract will be made.

BRIDGE CONTRACT AWARDED.

STOCKTON, San Joaquin Co., Cal.—Bids opened by the Board of Supervisors for the construction of a bridge approach over the river at Belotta, show only two bidders. Eckfeldt & Curry, who were awarded the contract, bid \$1,470.30 and Byron Beekwith bid \$2,558.20.

TO EXTEND SEWER.

ORLAND, Glenn Co., Cal.—The Trustees of this city have ordered the City Engineer to make complete plans and specifications for the extension of the sewer and water systems. As soon as plans have been prepared bids will be taken for the construction of the same.

ALAMEDA WANTS MUNICIPAL BATHS.

SAN RAFAEL, Marin Co., Cal.—A representative of the City of Alameda has been here looking over the baths with a view of erecting municipal

baths at Alameda. It is thought that the Alameda structure will be constructed on the same lines as the one located here.

ROAD TO BE BUILT BY DAY LABOR.

ANAHEIM, Orange Co., Cal.—The Board of Supervisors have rejected all bids for the construction of the Carbon Canyon road and a decision has been reached to build the road under the day labor system. The work will be under the supervision of County Surveyor McBride.

STREET WORK AWARDED.

SANTA BARBARA, Santa Barbara Co., Cal.—The F. R. Ritchey Company of San Francisco has been awarded the contract to improve Valerio street and Grand avenue in Santa Barbara on their bid of \$47,919.63. The street will be paved with an asphalt pavement and 1-inch concrete base and a pavement of vitrified brick ten feet wide.

TILE PLANT IN FRESNO.

FRESNO, Fresno Co., Cal.—J. P. Phillips, Plant Manager of the Dennison Block Co., manufacturers of interlocking tiles in North Sacramento, is investigating the plant of the Fresno Brick and Tile Company with a view of opening negotiations for its purchase. The local plant is anxious to have a branch in Fresno to handle its trade in that section of the State.

BIG SALE IN GOVERNMENT FOREST NEAR HOBART MILLS.

1,100,000 Feet of Timber to be Cut.

HOBART MILLS, Nevada Co., Cal.—A contract has just been issued to the Sierra Nevada Wood & Lumber Company of Hobart Mills, which provides for cutting of 1,100,000 feet, board measure, of yellow pine; 600,000 feet of white fir, and 10,000 feet of red fir, from lands within the Tahoe National Forest.

A. E. Engebretsen of Lyonsville has contracted to cut \$110,000 feet of yellow pine, white fir, Douglas fir and incense cedar from an area within the Lassen Forest adjacent to his present operations.

FIRE AT LINDSAY.

LINDSAY, Tulare Co., Cal.—Fire destroyed half a block of the business district in this city last Wednesday. An explosion in the paint room in the basement of the Moore Department store caused the fire. The estimated loss is \$75,000 with insurance covering half the amount.

WILL REPAIR DEPOT.

VALLEJO, Solano Co., Cal.—The Monicello Steamship Company will soon start remodeling their station at the foot of Maine street. The company is also planning to make extensive improvements on their steamer General Frisbee.

The Venezuelan Government has decided to use 1 per cent of the import duties collected for a fund for sanitary purposes.

Slot machines which automatically give receipts for coins that are dropped into them have been installed in several public places in Budapest by a savings bank to attract depositors.

VALUE AND SUPPLY OF MINERAL PRODUCTS.

The value of the mineral production of the United States now exceeds \$2,500,000,000 a year, according to the United States Geological Survey. Though this value falls far below that of the country's farm products, the magnitude and scope of our mineral industry may be best measured by comparing our own mineral production with that of other countries, no one of which can compete with us in abundance or variety of mineral resources. The United States mines nearly 40 per cent of the world's output of coal and produced 65 per cent of the petroleum in 1913. Of the more essential metals, 40 per cent of the world's output of iron ore is raised from American mines, and the smelters of the United States furnish the world with 55 per cent of its copper and at least 30 per cent of its lead and zinc. These are the raw materials on which has been founded a great metallurgical industry, but on which can be built much more extensive chemical and metal-working industries.

Mercurial ointment not only will prevent firearm barrels from rusting, but also will loosen any lead deposits.

A Kansas City man has invented a turntable for garages which requires no pit nor excavating, an automobile being run upon steel runways mounted upon eight casters fitted to a circular track.

A Philadelphia electric company has made a novel advertisement by turning a powerful searchlight upon the streamers of steam that pour from the tall stacks of its centrally located power plant.

No. 13670. Cement, iron work, and steel tubes.—A cable from an American consul in a South American country stated that a person in his district desires 10,000 to 15,000 barrels of cement, 150 tons of iron work, besides steel tubes for waterworks. Those interested should get in touch with the person named in the cable as soon as possible.

MAGNESITE IN 1913.

There was a decrease in the output of magnesia in the United States from 10,512 short tons, valued at \$34,096, in 1912, to 9,632 tons, valued at \$77,056, in 1913. The only production in this country was in California, as heretofore.

With the cutting off of the foreign supplies, due to the European war, however, the demand for the domestic product ought to increase greatly, especially in view of the new and shorter water route by way of the Panama Canal to the eastern United States. It is to be hoped that the sudden stimulus thus given to the domestic mining industry will build up a trade that will withstand the competition that must undoubtedly ensue when normal trade conditions are again established.

The demand for the domestic product is restricted to the Pacific coast and Rocky Mountain region, as it has been impossible at the present railroad freight rates to ship to the points of largest consumption in the East. In answers to inquiries addressed to them by the Geological Survey, many owners

of idle magnesite properties in the far West express the belief that with the opening of the Panama Canal they would be able to ship magnesite by sea to the east at a profit.

Magnesite is used principally in the manufacture of refractory substances, such as brick, furnace hearths, crucibles, etc., as magnesium sulphate, for digesting and whitening wood-pulp paper; in the crude form for making carbon dioxide; calcined and ground for the manufacture of oxychloride cement; and for miscellaneous applications in crude form or as refined magnesium salts. In the toilet and bath rooms of the rest rooms of the Panama-Pacific Exposition at San Francisco, magnesite flooring has been laid, about 5,000 square feet having been put down in each of the main buildings. The domestic product is used in this work.

A copy of the advance chapter from "Mineral Resources for 1913" on the production of magnesite in 1913, just issued by the U. S. Geological Survey, may be obtained upon application to the Director of the Survey, at Washington, D. C.

THE CURTAIN RAISERS.

Behind the great war were the wars in the Balkan peninsula of 1912-13. At least they furnished the excuse, if not the real reason, for the present conflict.

To understand them the condition of the peninsula must be understood. The opening of the last century saw virtually the whole Balkan territory and the kingdom of Greece, under Turkish rule. The peninsula was inhabited by a diversity of races. The most important were the Bulgarians and Servians, kindred Slavic peoples, closely united by language and religion to the Russians. Another important group was the Rumanian, a Latin people, with a language allied to the French and Italian. There were other minor groups, including the Turks themselves, the Spanish-speaking Jews and Italians.

In the course of the century, as a result of much fighting, four small independent states emerged—Bulgaria, Rumania, Servia and Greece. The small state of Montenegro, inhabited by Servians, always had maintained its independence. In addition, Turkey retained territory with perhaps 6 million inhabitants—Bulgarians, Servians, Greeks and others. Long ago these states should have been united into a Balkan federation, like the Swiss federation. But the powers preferred not to see a strong nation in Southeastern Europe, and fomented jealousies to keep the states apart.

Then, in 1908, the reform party in Turkey by a successful revolution overthrew the sultan's despotism and established constitutional government. Unhappily it was possessed by the same insane desire to crush out all diversities within the empire that has marked Russian treatment of Poles and Austrian treatment of Servians. Its attempts to destroy the Albanian language in the schools of that country, coupled with harshness in its treatment of other Christian subjects in its domains, for the first time welded the Balkan states into an alliance.

The four states of Bulgaria, Servia, Montenegro and Greece, normally distrustful of each other and bitterly hos-

tile, signed a treaty under which they presented a successful war. Turkey was overwhelmed and virtually expelled from Europe, retaining only Constantinople and a narrow fortified strip on the European side of the city. The allies had agreed in advance on a division of the spoils. But the outcome did not please Austria, which had its own plans to extend its empire through to the Aegean Sea, and which did not enjoy the prospect of a powerful Balkan alliance. So Austria insisted on erecting part of the conquered territory into the little state of Albania, under its own princeling.

As Albania was to have been divided between Servia, Greece and Montenegro, these nations insisted on having other territory to compensate them for their loss of Albania. Bulgaria objected to their stipulations, and presumably encouraged by Austria, permitted itself to be drawn into war with its previous allies. Rumania took advantage of the situation to take a hand and capture Bulgarian territory which it long had coveted. Bulgaria had borne the brunt of the fighting of the first war and was exhausted. Assailed on all sides, and with Turkey taking the opportunity to advance, Bulgaria was forced to capitulate. It saved a little of the additional territory captured from Turkey, but the bulk of it was divided between Servia and Greece, thus forming the "Greater Servia" to which Austria took such offense.

If the statesmanship of the Balkan states had been high enough to avert the second war, which the peoples themselves opposed, there might have today existed a Balkan federation with an army sufficient to deter Austria from appealing to arms to settle its dispute with Servia.

AN EXAMPLE IN CITY PLANNING.

From The Kansas City Star.
New York City has a committee on city planning. This committee is composed of the five borough presidents and the president of the board of aldermen of the greater city. Its particular purpose, or hope, at this time is to make the city a capable dwelling place for 12 million persons before this generation is succeeded.

That is a stimulating lesson for little big cities. It proves that "it is never too late to mend." It proves, indeed, that the more a city grows the more it must amend and pay for the shortsightedness of its youth.

If New York (with 6 million people already and all pretty well crowded together, with real estate values up beyond the dreams of avarice) can take up the neglected work of widening streets, creating open air spots and all the rest of it, what is there to daunt Kansas City? Should selfishness of property owners be permitted now to interfere with this city's making itself capable and efficient for all the needs of all the people that are soon to make it so much greater a city?

IRON-ORE OUTPUT IN 1913 LARGEST EVER.

Increase of Six Million Tons.

According to statistics recently compiled by Ernest E. Lurchard, of the United States Geological Survey, the production and shipments of iron ore

In the United States exceeded those of any previous year. The crude iron ore mined in the United States in 1912 amounted to 61,886,157 long tons, compared with 55,150,117 tons mined in 1911—an increase of 6,836,290 tons, or 12.48 per cent. The iron ore shipped from the mines in the United States in 1913 amounted to 59,613,098 long tons, valued at \$139,965,558, compared with 57,017,611 long tons, valued at \$107,050,153, marketed in 1912—an increase in quality of 2,625,484 long tons, or 1.60 per cent, and in value of \$23,855,105, or 22.28 per cent. The average price of ore per ton for the whole country in 1913 was 2.19, compared with \$1.88 in 1912. These quantities of ore, both mined and marketed, include the iron ore used for fluxing other metallic ores at smelters in the Middle and Western States, but do not include the iron ore sold for the manufacture of paint. The iron ore marketed for paint in 1913 amounted to 16,950 long tons, valued at \$44,851. The ore reported as sold for fluxing purposes other than in the manufacture of pig iron amounted to 62,842 long tons, valued at \$235,588, in 1913, compared with 88,449 long tons, valued at \$211,315, in 1912. The domestic iron ore actually marketed for the manufacture of pig iron amounted in 1913 to 59,580,256 long tons, valued at \$130,669,970, compared with 56,929,165 long tons, valued at \$106,805,838, in 1912.

Iron ore was mined in 28 States in 1913, one more than in 1912. Idaho, Montana, and Nevada produced ores for fluxing only; part of Colorado's output was used for fluxing and part for pig iron; a little magnetic ore mined in Utah was shipped to a Salt Lake iron foundry for testing a new method of reduction, and the remainder of the Utah ore was used for fluxing. The other States produced iron ore for blast-furnace use only, except small quantities for paint from Georgia, Michigan, New York, and Wisconsin, which are, however, excluded from the above figures for iron ore.

The rank of the five States producing the largest quantity of iron ore—Minnesota, Michigan, Alabama, New York, and Wisconsin—remained unchanged in 1913, but there were a few changes in the relative rank of certain of the smaller producers.

Minnesota Produced Five-Eighths of Total

The Minnesota iron ranges are yielding at present considerably more iron ore than is produced in all the rest of the States together, having furnished 62.37 per cent of the total for the United States in 1913. The Lake Superior district, comprising all the mines in Minnesota and Michigan and those in northern Wisconsin, mined 52,377,362 tons in 1913, or 84.51 per cent of the total.

Production in the Lake Superior District.

The Lake Superior district includes the Vermilion, Mesabi, Cuyuna, Penokee-Gogebic, Marquette, and Menominee ranges, in Minnesota, Michigan, and Wisconsin. The Menominee range includes the Crystal Falls, Metropoli-ton, Iron River, and Florence areas; the Marquette range includes the Republic and Swanzey areas. The Baraboo and Iron Ridge areas of southern Wisconsin and the Spring

Valley area of northwestern Wisconsin are frequently also included in the Lake Superior district.

In addition to these ranges there are several iron-ore districts on the Canadian side of Lake Superior, the principal ones of which are the Michipicoten, Annikle, Matawin, and Atikokan.

The ranges in the United States which produced ore in 1913 were the Vermilion, Mesabi, Penokee-Gogebic, Marquette, Menominee, and Cuyuna, besides the Iron Ridge area. Much development work was done on the Cuyuna range, which made its first shipment in 1911.

Mesabi Range Largest Producer.

An analysis of the reported quantity mined in 1913 in the Lake Superior district shows that the Mesabi range mined 36,378,671 tons of iron ore, compared with 32,604,756 tons in 1912, an increase of 11.57 per cent; the Menominee range 4,997,246 tons, compared with 4,465,466 tons in 1912, an increase of 11.91 per cent; the Gogebic range 4,713,515 tons, compared with 3,926,632 tons in 1912, an increase of 20.80 per cent; the Marquette range 3,977,898 tons, compared with 3,545,012 tons in 1912, an increase of 12.21 per cent; the Vermilion range 1,536,115 tons, compared with 1,457,273 tons in 1912, an increase of 5.41 per cent; and the Cuyuna range, which in 1913 entered upon its third year as a shipper of ore, 744,067 tons, compared with 369,739 tons in 1912, an increase of 101.22 per cent.

The Mesabi range produced 69.46 per cent of the entire Lake Superior output and nearly 59 per cent of the entire production of the United States. The Menominee, Penokee-Gogebic, and Marquette ranges are next in importance, the Menominee producing in 1912 about 200,000 tons less than the State of Alabama, which is the next State in rank as a producer after Minnesota and Michigan. The Vermilion range, the fifth in importance of the six producing Lake Superior ranges, produced more ore in 1913 than New York, which is fourth in rank as a producing State.

SPECIAL OPENINGS FOR AMERICAN MERCHANDISE.

Owing to restricted trading with European countries, American consuls in the following cablegrams have indicated the lines of goods which offer opportunities for expanding the foreign trade of the United States:

Auckland, New Zealand.—Mercantile needs include drugs, chemicals, glassware, pianos, fencing wire, locomotives, crockery, enameled ware, printing paper, hardware, automobiles, aluminum and chairs.

Calgary, Alberta.—Principal articles which America may supply for Alberta Iron, steel and metals, and manufactures thereof and paint.

Victoria, Canada.—Vancouver Island needs clocks, drugs, cutlery, optical goods, liquors, novelties, toys, barbed wire and wire netting, structural iron and steel, table and window glass, hardware, enameled goods, tin plate, and other goods.

Shanghai, China.—Generally desirable to assist Chinese exports by loans and banking facilities in order to re-suscitate business. Principal articles which the United States may supply or increase its sales of are dyestuffs,



LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
7:00A	Sacramento, Pittsburg, Bay Point.
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only.
9:40A	Concord, Diablo and Way Stations, Sunday only.
11:00A	Sacramento, Pittsburg, Bay Point.
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg, Bay Point.
1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point.
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Oroville and Chico.
5:15P	Concord, Diablo and Way Stations, except Sunday.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg and Way Stations.

OKLAND, ANTIOCH & EASTERN RAILWAY

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chemicals, paper, machinery, railway supplies, steel products, needles, enameled ware, electrical material, etc. The consulate general at Canton wires that import trade depends on export business and there should be greater demand for American railway supplies, machinery, electrical appliances, foodstuffs, canned fruits, piece goods. Shanghai and Canton both urge American representation on spot to study requirements. War rates favorable to American shipping; otherwise shipping is somewhat normal."

J. Heyerdahl-Hansen, commissioner to Norway representing the Norwegian-American organizations of the United States, has returned from Norway and announces that Norway's plans for participation in the Panama-Pacific International Exposition are well advanced. Norway has appropriated \$26,800 for a pavilion and \$13,400 for a battleship to join the international fleet to pass through the Panama Canal to the exposition grounds.

The largest insurance organization in America, the National Association of Life Insurance Underwriters, has chosen San Francisco as the 1915 meeting place. The meeting just adjourned was held in Cincinnati.

Sigma Chi, a national college fraternity with a membership of 16,000, has chosen San Francisco as the meeting place of its grand council in 1915.

While other crowns are tottering over seas a crown of 3,500 jewels is being prepared at the Panama-Pacific International Exposition. This crown is being placed on top of the "Tower of Jewels," 425 feet high. The steel work is being covered with these jewels and when all are in place there will be a total of 125,000 "Novagems."

Spain has just given assurance to the officials of the Panama-Pacific International Exposition that her participation in the exposition will proceed according to original plans and that the war will have no effect on Spanish participation.

STREET WORK ORDERED BY THE SUPERVISORS.

The following street work has been ordered by the Board of Supervisors:

28th street between Castro and Diamond, grading and constructing sewers; Itanoke, between Laidley and Chenery, construction of curbs, a 14-foot strip of basalt blocks and asphalt; Tenth avenue, between Lawton and Moraga, construction of curbs, seven-foot strip of basalt blocks and asphalt on the remainder; Lundy's Lane, between Esmeralda and Fair avenues, construction of sewers; 19th from Douglass, westerly, construction of sewers; Moraga, between 9th and 10th avenues, construction of asphalt roadway; 18 avenue, between Balboa and Cabrillo, construction of asphalt roadway; 19th avenue, between California and Lake streets, construction of asphalt roadway.

RECLAMATION WORK TO START.

FRESNO, Fresno Co., Cal.—A. C. Cranor of Fresno is representing the Summit Lake Investment Company, which owns some 125,000 acres of land located about 28 miles from Fresno in what is known as the Lenare District. This tract is irrigated by 14 artesian wells and the excess waters are to be carried off in newly constructed ditches and canals. The work will cost approximately \$150,000. Mr. Cranor is located in the Griffith-McKenzie Bldg., Fresno.

BIDS FOR STREET PAVING.

SAUSALITO, Marin Co., Cal.—Bids will be received until October 12th, for the construction of approximately 30,000 cubic yards of street paving. Plans are on file at the City Clerk's office.

BIG DREDGER DESTROYED.

WOODLAND, Yolo Co., Cal.—The "Sierra" dredger, which was being operated by the McMillan Company of San Francisco, and owned by the Miners' Union of San Francisco was destroyed two miles northeast of Knights Landing last Sunday morning. The dredger was valued at \$75,000 and was insured for \$50,000. The origin of the fire is unknown.

BRIDGE WORK CONTEMPLATED.

SANTA BARBARA, Santa Barbara Co., Cal.—A \$40,000 bridge, 400 feet long and 77 feet high to carry the State highway across the water at El Guamada, is now being considered by County Surveyor F. F. Flournoy. The bridge has been demanded by the State Highway Commission to enable them to keep the grade along their survey. Plans are also being prepared for a bridge 625 feet in length and 50 feet high to cross the Arroyo Hondo. This structure will cost in the neighborhood of \$75,000. The Chamber of Commerce of Santa Barbara is now circulating a petition for bonding of the county for \$1,000,000, the money to be used in the building of roads.

POSTPONE BOND ISSUE.

MARYSVILLE, Yuba Co., Cal.—Fearing that the placing of the question on the November ballot would be confusing to voters, the Supervisors have decided to postpone the submission of the proposition of a \$287,000 bond issue for

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Conegys, as our advertising manager.

Advertisers will receive his free advice and assistance regarding the advertisements carried in our weekly magazine, in order that they may produce greater results for them, both in advertising trade names and goods, and in getting **direct sales and returns.**

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the proposed road between Riego and Yuba City by way of Nicolaus, until next Spring when a special election will probably be called.

BIDS WANTED FOR ROAD WORK.

SAN JOSE, Santa Clara Co., Cal.—Sealed bids will be received by the Clerk of the Board of Supervisors until October 19th for improving The Alameda from the city of San Jose to Santa Clara in Road District No. 4, Santa Clara County. Henry A. Pfister is Clerk of the Board.

ROAD PLANS ADOPTED.

PALO ALTO, Santa Clara Co., Cal.—Plans and specifications for the paving of University avenue from the State highway to the Circle have been presented by the County Surveyor to the Board of Supervisors. Bids for the work will be opened at San Jose on October 5th. Plans and specifications with complete information can be had from the County Surveyor.

PAVING CONTRACT AWARDED.

STOCKTON, San Joaquin Co., Cal.—Clark & Henery have been awarded the contract for paving of Weber Ave. in this city. The contract price is \$27,500.

BRIDGE BIDS WANTED.

UKIAH, Mendocino Co., Cal.—Bids will be received by the Clerk of the Board of Supervisors at Ukiah until October 6th for the construction of a wooden bridge across Cold Creek. Plans, specifications and full information may be obtained from the Clerk of the Board.

ROAD BOND CAMPAIGN.

SACRAMENTO, Sacramento Co., Cal.—Plans for the campaign for the proposed bond issue of \$2,425,000 for good roads in Sacramento county are now being made by the Chamber of Commerce.

PAVING CONTRACT COMPLETED.

BAKERSFIELD, Kern Co., Cal.—The paving of D street from the city limits to Brundage Lane has been completed by Thompson Bros. of Bakersfield and Fresno.

BIDS WANTED FOR TRUSS BRIDGE.

RIVERSIDE, Riverside Co., Cal.—The Board of Supervisors will receive bids until October 7th for the construction of a combination truss bridge across the San Jacinto River at a point about two and one-half miles northwest of the city of San Jacinto. Plans and specifications may be obtained from the Clerk of the Board.

TANK NEARING COMPLETION.

TAFT, Kern Co., Cal.—The 2,000,000 barrel tank farm which is being erected between Buena Vista and Elk Hills by the Standard Oil Company is fast nearing completion. Forty-three of the forty-eight tanks are now up and the greater number are receiving oil.

BRIDGE WORK TO START.

MARYSVILLE, Yuba Co., Cal.—The Clinton Fireproofing Company of San Francisco will soon start work on the new bridge to be constructed across the Yuba river at D street, according to a local newspaper.

Efficiency and Advertising

by Lloyd C. Comegys

The Greatest of Business Problems.

The greatest of business problems is the obtaining of NET PROFITS. All other matters are details toward the attainment of this end.

It is the object of the business man, and he is succeeding or failing in accordance with the amount of his NET PROFITS. That's what he is in business for.

In seeking to obtain NET PROFITS, certain ways have been learned to be more successful than others, and it is these MORE SUCCESSFUL WAYS, SPECIAL METHODS AND DEVICES for attaining NET PROFITS that have been given the designation of EFFICIENCY.

Efficiency is the Scientific Method of Securing Increased NET PROFITS.

Efficiency is new. Very little of it has been written down in books. As a general tendency it is everywhere, but as a system of thought, it exists only in the minds of a comparatively small number of men.

Those in business, as owners or employees, who understand Efficiency, are inclined to keep this valuable new knowledge to themselves, just as the gold miner, who has struck a rich vein of yellow treasure, is inclined to be secretive about his good luck.

And there are only a few men, as yet, who are practicing as a profession, the installing of Efficiency in offices, business houses, plants and factories.

What Efficiency is NOT.

Efficiency is not a new name for an old truth so far as it relates to industry and to individual success. It is an absolutely new point of view in the business world.

It is not Expert Accounting, for the reason that accounting deals only with records and not with methods.

It is not Economy, for the reason that mere saving is often the most suicidal of all business policies.

It is not Energy, for the reason that misdirected energy is the most universal of all industrial wastes.

It is not Slave-driving, for the reason that one of its main benefits is to elevate and profit the wage-workers, not to degrade or oppress them.

And it is not System, for the reason that the most useless and wasteful actions can be done in the most systematic way. There can easily be too much system, but there can never be too much Efficiency.

Efficiency will get a greater percentage of results for you, without adding to expense, and will reduce costs without lessening results.

Efficiency is needed in the one-man business, as in the concern employing thousands of men. It is as important to the one, as to the other, to increase NET PROFITS.

LOOK INTO THIS SUBJECT OF EFFICIENCY.

It means greater NET PROFITS for YOU!

Efficiency Methods.

As applied to business, and considering individuals only as one of the parts of business used to produce the NET PROFITS desired, Efficiency approaches the particular firm it is called in to assist from every angle, large and small.

Almost the first matter to be considered is the question of OVERHEAD CHARGES. This subject, though almost the controlling feature as to whether or not the firm is to make NET PROFITS—is probably the most neglected and wrongly handled of all business subjects. The subject is a difficult one and in consequence many avoid looking it squarely in the face, as soon as they have made a semblance of settling upon a percentage for their firm.

Efficiency takes hold of this subject and in a scientific way lines the facts about it up in connection with the other features of the business.

Another difficult problem is Salesmanship and the other one advertising. These are constructive and productive forces and the most valuable.

Here it is that Efficiency gains greater results without increased costs, and lesser costs without reducing results.

And the modern Salesmanager and Advertising manager approaches his work from an Efficiency standpoint.

The Small Firm.

The small firm having less margin in the way of expense for a large office force, needs to utilize the time of its employees to the very best advantage. This means that without the employee working harder or longer, that the results he produces may be made much greater, simply by a change of his methods of Work or the Facilities to work with. The small firm therefore needs EFFICIENCY Methods as much, if not actually more than the larger ones.

What Trade Name Advertising can do as Efficient Sales Co-operation.

It can give general publicity to your trade name and goods in the locality you desire to cover, through the use of newspaper, magazine, program, mail and bill-board advertising. The results would come to you through the sales made by your representatives or selling-houses in those localities. Such advertising so establishes the character and value of your offerings or products as to largely relieve your selling-houses, representatives and salesmen from so establishing or informing regarding who you are and the general lines that you offer.

This leaves the salesmen or selling-houses free to devote their entire time to actual sales making and eliminates a large amount of waste effort on their part in connection with your offerings.

Advertising may be very profitably used in obtaining inquiries regarding your offerings and getting in touch with live prospects or those whose minds have already been directed or centered upon taking your proposition. These inquiries or leads to prospects may then be turned over to your representatives or salesmen, who thus can produce many times the results that they otherwise could if left alone to scatter their efforts in a general way.

GOOD WILL:

The good will of a firm that is established through advertising coming directly from the house is the most valuable kind, in that it cannot be materially affected by the presence or absence of any particular salesman.

ADVERTISING:

In plain words means explaining to possible customers of whatever you have to offer, who you are, and what you have to offer. Notice, I say to possible customers and it is right here where so much money is lost in advertising, even when it is properly done and contains real pulling or selling power. Be sure you are advertising to possible customers of your particular offerings and not to the general public or to those who would under most circumstances not want them. A trade magazine is one of the very best mediums for reaching the exact people in your line.

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..... Efficiency and Time Saving Methods and Devices

..... Advice On Business Problems-Adjustments-Collection

LOYD C. COMEGYS, Commercial Attorney
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Fourteenth Year, No. 41.

BUILDING AND INDUSTRIAL NEWS

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Engineering and Industrial Activities of the Pacific Coast.

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"CALIFORNIA ARCHITECT"

"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

Wednesday, October 14, 1914.

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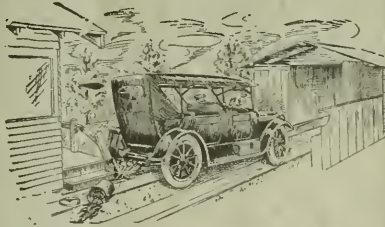
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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, October 14, 1914

Fourteenth Year, No 41



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CONTRACTORS' AND DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

What a strange array of arguments the reactionaries offer to the public with reference to the coming State election. One day the press speaks of the vindictiveness of Governor Johnson towards all legitimate capital invested in the state. The next day it is a tirade against freaks and freak legislation; and then they turn around and claim that the Republican party is responsible for all this beneficent legislation and that they are the Republican party. So there it is. It is up to the people to decide who they believe to be the people with a sincere desire to have the state give every man an equal chance and who is capable of doing what they promise to do.

Forty-eight propositions for proposed laws and amendments are to be submitted to the people this fall on the ballot. Some of them are initiative and some are referendum propositions. Among the former are the prohibition amendment and the universal eight-hour law. Among the latter are the Redlight Abatement and the Blue Sky laws.

The Initiative measures are necessarily not administration measures. The referendum measures are laws that have been passed and held up in their operation by having the referendum clause invoked by petition. It will be necessary for every voter to read these propositions and study out how he intends to vote on each separate one.

Of many striking things said of the Kaiser from time to time, and revived during the present war, perhaps none is more interesting than this from Prince Bismarck, spoken after the dismissal of that able "pilot."

I pity the young man—he is like a young fox-hound that barks at everything, that smells at everything, that touches everything and that ends by causing complete disorder in the room in which he is, no matter how large it may be.

William is no longer young, and has grown more sedate. But his faculty for creating disorder evidently has not diminished with years. —Sacramento Bee.

Miss Jane Addams has just spoken of the setback to social service in this country that the "explosion" in Europe has given. Implying the psychology of this, Miss Addams said: "When a million men are suffering with cold and wounds in the trenches what are a few children suffering under hard conditions in factories?" What are old age pensions and the problem of infant mortality?"

This statement emphasizes the claim that socialists all the world over have

always made, that periods of social agitation have always been followed by wars for the reason that the ruling classes find this means of perpetuating their power.

When the spirit of patriotism is appealed to and the country is being invaded by a foreign foe, there is no time for agitation for social betterment. When a million men are suffering in the trenches there is no time to better housing conditions. And when posterity is saddled with a war debt of billions of dollars there is no money to be spent for old age pensions. In fact the world stops where it was so far as social betterment is concerned and the nation marks time in its progress toward humanitarian civilization.

"SAFETY FIRST."

The incident in Los Angeles where, under the presidency of the State Industrial Accident commission representatives of employers and organized labor met together to consider the "Safety First" precautions necessary for the proper conduct of industries is a good omen for the solution of the irritations such as have given rise to the present industrial war in Stockton. In the consideration of common interests, both contributors to the public good, the workmen and the employers, may cease to spend their time in quarreling about which one has caused more trouble in the past, by joining together in correcting present and future problems. There is room enough for the activities of both in doing the work that is to be done. Industry cannot afford to have managers, workmen and capitalists at outs. They are all needed now, and they must all get justice and concede justice.

The Chronicle seems to be much concerned because the Secretary of the Treasury is censuring the National Banks for hoarding money and is taking measures to stop it. It fears that making a noise about it will suggest it to everybody and cause them to act accordingly. Apparently it is the banks that the Chronicle is apprehensive about and fears that they may lose some of their control of the finances of the country.

So far as any one can see there is no reason, under the existing monetary regulation, why the banking business should not go on at its usual form. There is no reason why banks should not lend money on good security just as usual. And this fact the Secretary is endeavoring to emphasize. If a property owner wants to put up a building and he has plenty of assets there is no reason why he should not be able to get the money to finance it at a reasonable rate of interest. This the Secretary is trying to bring about and his efforts are to be commended.

The Bay Cities' Water Supply.

Statement by City Engineer M. M. O'Shaughnessy Made Before the Commonwealth Club, San Francisco, February, 1914.

At a dinner at Washington tendered by Mayor Phelan last June to various people from California and Government officials, Secretary Bryan asked what Hetch Hetchy meant, whether it was a new war dance or an Indian dance, and judging from the activities and the amount of oratory that has been expended on the project for the past twelve years, his inquiry is fairly justified.

My connection with the project commenced the first of September, a year ago, when I was appointed City Engineer, succeeding Mr. Manson. At that time there was under presentation by the city to Secretary of the Interior Fisher, reasons why San Francisco should get possession of the Hetch Hetchy valley, and not be excluded from it, as suggested by Secretary Ballinger. At the same time there was an army board of three engineer officers appointed, Colonels Biddle, Cosby and Taylor, who had been working on this proposition and the various alternative projects for a year and a half. In their employ was Mr. Wadsworth, their assistant engineer, who traversed all the water propositions in California possible as alternative sources for a water supply for San Francisco. This board, last February, filed a report, a copy of which I have here, with the Secretary of the Interior, giving their conclusions and all their analysis of the situation and of the different propositions. They practically rejected all the different water schemes and selected Hetch Hetchy as being the most available. In summarizing for you their analysis and conclusions, which are very carefully thought out, and dispassionate, I possibly cannot do better than to recite to you some of the language in their report, especially as regards the all-important proposition of our relations with the irrigationists. Every other antagonist and visible opponent of the city's plans have been possibly eliminated except the irrigationists, and here are the conclusions of this board of pages 34, 35 and 36 of their report, filed February 19, 1913, on that subject:

"Legitimate and proper use of water in the reasonable development of irrigation districts tributary to or which can be made tributary to, the Tuolumne River. The irrigable land between the Merced and Tuolumne rivers, and between the Tuolumne and the Stanislaus will be first considered, excepting Oakdale district, now irrigated from the Stanislaus river. The area of the existing Turlock-Modesto district is 402 square miles. The board estimates that 60 per cent additional could well be added thereto, making a total of 643 square miles. In a recent map issued by the United States Department of Agriculture, in co-operation with the Conservation Commission of California, the total area of irrigable land in this region is given as about 690 miles. Therefore, 643 square miles of land actually to be irrigated within probable districts would seem liberal. It is not claimed, however, that all

possible irrigable land is included in this map. There may be, especially in the foothills, additional land to which water might well be applied.

"Based on water being supplied to 8 per cent of the 643 square miles (or 111,520 acres) a duty of 2½ feet and losses of 23 per cent—the quantity of water needed is estimated by the board at 1,132,000 acre feet per year.

"The Turlock-Modesto district claims to need for its present district alone 1,012,013 acre feet. This is stated to be based on 90 per cent of 402 square miles, a duty of 2.75 feet with losses of 39 per cent. These figures are considered extreme, and those stated by the board would seem ample."

Now, instead of the 411,000 acres which the board of army engineers says there is water available for, as well as the supply of 400,000 gallons a day for San Francisco, the acreage limited in the Raker bill is exactly 300,000 acres, or 110,000 acres less than the army board says was enough water for.

Their final conclusions on this subject were:

"The determination of the amount of water flowing in the Tuolumne has been mainly deduced from records at the La Grange dam, the point of diversion for the Turlock-Modesto district. This was gaged from 1878 to 1884 by the State of California, and by the United States Geological Survey from 1895 to date. Rainfall records at La Grange date from 1878. There are few records for the upper watersheds. The upper Tuolumne has been gaged by the city for only three years. As this is such a short period, the results obtained from applying to other years the same proportion of run-off for upper and lower watersheds as is indicated by the three-year record cannot be considered conclusive. At the same time this is all the direct evidence available. In order to assist further in the estimation of this important result, the records of the upper and lower Stanislaus, from 1905 to date, have been used for comparison. These records are necessarily incomplete, and, therefore, to that extent unsatisfactory, but would seem sufficient to arrive at general conclusions. On the calculations made from these records, it is estimated that with a storage of 750,000 acre feet, the necessary 400 million gallons per day can be taken to San Francisco, while usually giving the full reasonable requirements of 640 square miles of the irrigation district. Of this 750,000 acre feet storage would be necessary for the city to obtain 400 million gallons per day and the remainder for irrigation. Some years the water supply for irrigation would have been short, as for example in 1898, 40 per cent; in 1908, 14 per cent; and in 1912, 14 per cent. With a storage capacity of 900,000 acre feet there would have been sufficient water for irrigation except in 1898. For the latter year a storage capacity of 1,400,000 acre feet would have been required and would be

practically impossible to obtain economically."

The time has come here in California, with the enhanced value of our lands, when all available water will have to be conserved in practicable reservoirs in the mountains and foot hills. Those districts have been rather slow in conservation of storage water. During their entire ten years of life they have only stored 168,000 acre feet. Realizing the importance of changing this policy, they are now spending considerable money in building additional storage reservoirs, and it is not very difficult for them to find very desirable additional ones, which will command their lands at a lower level. Immediately south of Turlock, between the Tuolumne and the Merced rivers on Dry creek, is one storage reservoir with a capacity of 350,000 acre feet, from which flood waters from both the Tuolumne and the Merced rivers may be led by relatively short canals.

One of the most pressing claims by the irrigation districts of Turlock and Modesto, presented at Washington, was their right to share in the use of the Hetch Hetchy reservoir site. During many preliminary discussions in past years of this question by the Board of Supervisors and city officers, the city officials felt disposed to be friendly with the irrigationists, and the present city administration desires to be exactly fair with them. On the other hand, the irrigationists have not been returning kindness for our efforts in that direction, as witness the statement from the Turlock Board of Trade of April 28, 1913: "San Francisco obtained the Garfield grant of reservoir privileges for forty million gallons of water daily. The districts relied on San Francisco's sincerity and had sufficient faith in her to believe that she would never ask for more water than forty million gallons per day. But apparently San Francisco considered this merely an entering wedge, for in 1909 the question of the Garfield grant was reopened and resubmitted. In the short space of four years San Francisco now asks and demands from the Government, instead of forty million gallons of water daily, four hundred million gallons daily, or ten times as much. What reason have the districts to believe that she will not ask a hundred times as much in another four years?"

During the discussion at the hearing at Washington before the House Committee, some of the irrigationists communicated there as follows:

"Hon. Scott Ferris, Chairman Public Land Committee,

"Ebbitt House, Washington, D. C.

"Care of L. L. Dennett,

"God gave San Francisco the Pacific Ocean, the rest of the world to the Standard Oil Company; but the waters of the Tuolumne river belong to Stanislaus county." (Laughter.)

During the past eight or twelve months there has been a very insidious campaign conducted all through the San Joaquin valley propagated ostensibly for the needs of the farmers; but

the real nigger in the woodpile, some of the power companies, have not shown their heads except occasionally. Mr. Hutton, the attorney of the Yosemite Power Company—Mr. Hammond's company—presided at a meeting at Modesto of indignant farmers. So, beside the nature lovers and the real thinking farmers, we have also this hidden and insidious enemy that has been steadily fighting the wishes of the city.

Your representatives in Washington did the very best they could, from an equitable standpoint, in making arrangements with the Turlock and Modesto irrigation districts. After our hearing from the 25th to the 30th of last November, which lasted six days, before Secretary of the Interior Fisher, and in which about twelve hundred pages of testimony were taken, the members of our delegation, after returning to San Francisco and considering the demands of the irrigation district, made a proposition to them in a revised proposal to sell all surplus waters not needed by the city for about two dollars per acre-foot, which would be about the actual cost of storage. The irrigationists, on resuming the discussion of matters before the House Committee, rejected that proposal, and said that they did not know whether the water was worth two dollars a foot or one dollar an acre-foot; they would pay exactly what the water cost; and one of the conditions in this Raker bill is that they do not get any stored water free. What storage water they get they pay the total cost of impounding same, including the cost of the purchase of land, the cost of dam structures, the cost of engineering, and all the other incidental costs necessary to impound water. The Turlock and Modesto districts and their representatives feel that they have been fairly treated by the representatives of San Francisco. Some of their people and constituents do not feel so. They think that they have been injured by this agreement they have made with the city of San Francisco.

Now, besides the organized irrigation districts who have established rights on that river, not one drop of whose water in the flowing stream which they are using have we a right to take, there are a lot of mushroom districts. One of them is the Waterford district, the creation of my friend, Judge Dennett, whom I see here. They were recently organized to make further demands on the city of San Francisco; and your representatives in Washington had to decline to give consideration of any kind to the demands of those gentlemen.

Having built five water systems successfully from the first scratching of dirt to the completion of each project, I feel safe in saying that, with the construction of the Hetch Hetchy dam and the Eleanor dam, there will be enough water for San Francisco—four hundred million gallons per day—over seven times the size of Mr. Grunsky's original project, and also for the irrigationists down below when they complete economic reservoirs in and near their lands.

In reply to a criticism made by Mr. Grunsky as to the rates of payment to the Government; for the first five years the Government gets no payment after that we pay them \$15,000 a year for ten years; after that \$20,000 a year for

ten years; and permanently thereafter we pay them \$30,000 a year. That is 5 per cent interest on \$600,000; and that is what we pay annually to the Government for the right to submerge those lands in those two reservoir basins, for various rights of way and for the right to develop power along the route. Considering that the city's present investment in lands for a portion of those rights aggregates \$1,000,000, or \$70,000 a year, the Government charge, while onerous, is not unreasonable, as proceeds from same go to improve the Yosemite national park, San Francisco and California's outing region.

Now, the present project, as outlined by Mr. Freeman, differs very materially from the original proposition outlined by Mr. Grunsky in 1902. His proposition called for sixty million gallons per day of water, with an ultimate capacity of one hundred and sixty million gallons per day; no power was generated along the route except enough to lift the water over the Altamont pass.

Mr. Manson, at a later date, in 1908, made a revised proposal, very similar to that of Mr. Grunsky's, with power a minor asset.

Mr. Freeman, after giving this project a year and a half of study, and as an engineer who has been identified with the largest water construction works in the United States and the world, after viewing the conditions of all those bay cities, broadened out this proposition and raised the capacity of the project to an ultimate of four hundred million gallons per day. On the route laid out by him are two falls, one of about twelve hundred feet and the other fourteen hundred feet; from which over 150,000 horse-power will be developed. This horse-power has been valued by various people all the way from twenty million dollars to forty million dollars as an asset in the project. True, instead of bringing his line on the surface by open ditch, as recommended by Mr. Grunsky, he bores through the mountains and brings his water in tunnels, which is a much safer way to bring water than through surface ditches, subject to slides, falling trees and falling rocks. Personally I have had experience with several projects owned by San Francisco people who have retained me to construct water projects in Hawaii, and they built all their conduits in tunnels and were not afraid of the cost of tunneling. The wisdom of this type of construction has been well demonstrated by immunity from accidents and damages and consequent interruption of service; and since those works have been built, some of them ten years ago, they have not been one day out of commission.

The city engineers have been so very busy in fighting all the antagonistic systems, that enough thought has not been given to all the phases of Mr. Freeman's project; and before the city embarks in construction, it will be very well to have every feature of this scheme very carefully criticized by a dispassionate board of at least three experienced construction engineers with no prejudices on the subject.

The attitude of the departments in Washington has materially changed with the advent of Mr. Franklin K. Lane to the portfolio of the Secretary of the Interior. (Applause.) During last November your representatives got

the cold shoulder from Mr. Secretary Fisher, who, after putting us to all the expense of spending nearly a quarter of a million dollars in preparing and presenting this project, ignored the recommendation of his own board of army engineers and put it into the waste basket the day before he left his office. Mr. Lane has assumed a different attitude and if it were not for Mr. Lane this proposition would not have advanced where it is today in Washington.

There have been various criticisms by so called experts as to the wisdom of the arrangement made by the city, saying that we have given away all the city's rights, and in order to get the absolute facts as to the amount of water in this watershed and the amount of it available for San Francisco, I have had the hydraulic engineer in my office, Mr. Bartell, who is a very conscientious and scrupulous man, make an unbiased examination of this proposition. Here is his analysis:

"San Francisco, California.

August 4, 1913.

"Mr. M. M. O'Shaughnessy,

"City Engineer,

"San Francisco, California.

"Dear Sir: There is herewith transmitted an analysis of the uses of the waters of the Tuolumne river, California, in accordance with the provisions of the Raker bill, a copy of which is herewith attached.

"In this analysis the following conditions have been assumed:

"San Francisco storage, 689,700 acre-feet.

"Irrigation storage: (a) Foothill, 165,000 acre-feet; (b) Storage above La Grange Dam but not in the San Francisco drainage area, 308,000 acre-feet, total irrigation storage, 476,000 acre-feet.

"Grand total storage, 1,165,700 acre-feet.

"Based on the above storage, the analysis has been made for the period during which stream flow measurements have been made at La Grange, viz., September, 1895, to date.

"A study of the tabulation sheets reveals the following:

"First: During the entire period, there is no time which the irrigation needs require more than their allowance of 2,350 second feet; that is, during the past seventeen seasons, in order to satisfy the full irrigation requirements, it was not necessary for the irrigationists at any time to take advantage of their right to draw up to 4,000 second feet, during the period April 15th to June 15th, inclusive.

"Second: At no time during the past seventeen seasons was it necessary to draw on San Francisco storage to satisfy irrigation requirements.

"Third: It will also be noted that during the high flow of every season, the irrigation storage is completely filled and that the San Francisco storage is completely refilled during every season except 1897-1898, when there was in storage at the end of May, 1898, 619,417 acre-feet, about 90 per cent of the total storage.

"The maximum depletion of the irrigation storage comes in October, 1898, when there is left in storage 152,645 acre-feet. At the end of this same critical period, February, 1899, there is left in San Francisco storage 727,432 acre-feet and in June, 1899, San Francisco storage is again completely filled.

"During the present season, 1912-1913, irrigation storage reached its lowest point in October, 1912, when there was left in storage 215,100 acre-feet and it was completely filled at the end of May, 1913. For the same reason, San Francisco storage reached its lowest point in April, 1913, when there was left in storage 316,540 acre-feet and at the end of June, 1913, there is left in storage 221,210 acre-feet.

"The minimum amount left in San Francisco storage during the past seven seasons, as above noted, was 316,540 acre-feet at the end of April, 1913.

"Around the San Francisco bay, in reservoir sites already developed and proposed, there can be economically made available 144,000,000 gallons or 110,000 acre-feet. This, together with the 316,540 acre-feet (left in storage at the end of the most critical period investigated) leaves San Francisco and the bay cities with enough storage on hand to supply its needs of over 500,000,000 gallons a day for about fifteen months, without the catchment of a single drop of water.

M. J. BARTELL."

Some of the peculiar attitudes developed by statesmen in Washington have been shown by one of our senators from California, Senator Works. On August 8, 1913, Senator Works wrote a letter here to San Francisco, and said the principal reason for opposition to the Hetch Hetchy bill was because San Francisco was not getting enough—the irrigationists were getting too much. The other day he said he had complaints from 99 per cent of the irrigationists that San Francisco was going to rob them. So much for the consistency of one of our senators from California. (Laughter.) But we are very glad that we did not have to rely upon this California Senator to carry this measure through in Washington. We have had very good friends in the East, many of whom came to our hearings prejudiced from reading the deceitful propaganda published against us; but after listening to our representations, and seeing the earnestness of our purpose to be fair to everybody, they came over to our side, and some of the best friends we have now for San Francisco are those who live east of the Mississippi river.

British Columbia Pulp and Paper Industry.

The increased demand for news print paper, on account of the war, has caused increased activity in the pulp industry of British Columbia, which has three pulp mills, with a combined daily capacity of 455 tons. The companies operating these plants have large timber holdings and are in position to furnish supplies up to their mill capacity. Prices have advanced materially during the past month and indications are that there will be a still further increase in the price of pulp and paper.

British Columbia has large tracts of pulp wood, which the provincial government is placing on the market. Nine pulp licenses for timber tracts on the coast, estimated to contain the following number of feet, board measure, are to be sold on November 30 next: Hemlock, 57,361,000 feet; balsam fir, 44,444,000 feet; spruce, 43,244,000 feet; cedar, 27,779,000 feet; Douglas fir, 2,779,000 feet.

DEMAND FOR IMPORTED GOODS IN CHILE.

[Vice Consul Aldis E. Easterling, Valparaiso.]

Supplementing my recent cable (see Daily Consular and Trade Reports for August 15), I wish to state that the increase in demand for articles of trade as enumerated therein is dependent upon the restoration of trade to somewhat normal conditions.

The war has closed Chile's European export market, and hence deprived the Government of one of its chief sources of income, which means that unless further credits are obtained from abroad, the contemplated public works and improvements must be curtailed. Many have been thrown out of employment by the closing of various industries, and this diminishes the buying and hence the consuming power of the people and the Government.

With the closing of the European markets, credit has also been discontinued. Business has been done only for cash payments either in gold or its equivalent in currency at rates very unfavorable to the purchaser.

If the country is to consume a normal amount of imports, employment must be found for its people, and the Government is planning to engage many of them in irrigation and in railway construction work. If this is done the demand should remain normal, and if American interests are prepared to grant long credits there is no reason why they should not benefit from the situation. If American capital could aid the Government of Chile in carrying out its proposed public improvements, the situation would be relieved to some degree and American interests would doubtless profit in increased sales in Chile. To establish a bank and give credit to strong commercial houses would put American interests on a sound footing here, even though the bank itself did not pay well at first. If American interests are prepared to meet these conditions, the increase in demand as mentioned in my cable should be realized.

If public and private enterprises can be carried on, American cement should find a ready market.

France, Germany, and the United Kingdom were heavy exporters of furniture, and the United States should profit by the present conditions in both wooden and metal furniture. The demand for cooking utensils and other domestic articles of iron, steel, and aluminum from the United States should likewise increase.

Later there should be an increase in the demand for building and structural material. The greater portion has been coming from the United States, but much European material is imported and this trade should largely be turned to the United States.

The railway supplies and material to be purchased by the Government may, in view of existing conditions, be ordered from the United States, as it is uncertain that European companies would be able to fill orders.

Implement and light machinery, and parts will be needed if industry is allowed to continue and American interests should be ready to fill the demand.

Shipping and transportation facilities are very nearly normal between this port and the United States. All British lines are operating and the only regular boats being definitely discontinued are those of a German company. American interests should by all means send well-trained salesmen into the field and not depend on correspondence alone.

A wonderful floral wall 1,100 feet long, 20 feet high and six feet thick is almost completed in front of the Panama-Pacific International Exposition. This unique floral rampart is an exposition novelty and comes after many experiments with flowers and vines. The mossy, pink-flowered ice plant, known scientifically as *mesembryanthemum spectabilis* has been used. Irrigation is effected by means of perforated pipes placed on the top of the wall.

ELECTRICAL MATERIALS FOR GUATEMALA.

(Consul General Stuart K. Lupton, Guatemala City.)

It is probable that as a result of the war in Europe there will be an increased demand for certain electrical supplies in this consular district, chiefly in the line of incandescent bulbs, wire, fuses, and fittings, as these supplies have been imported almost wholly from Germany. Bulbs in use are 3, 16, 25, and 23 candlepower, ordinary screw socket, and the current is 120 volts, alternating. No electric fans are used with the possible exception of a few at San Jose. Cooking and heating utensils, such as are used in the United States to such an extent, are forbidden by the electric companies under severe penalties. There is no chance of estimating the possible consumption of these supplies, but I have reason to believe that nearly 100,000 incandescent bulbs are imported each year.

There seems to be a prejudice on the part of some people here against electrical appliances, which are regarded as some kind of infernal machines. Instances have been known of such goods being held at the customhouse for months, notably in the case of an X ray machine for a hospital at Puerto Barrios for over a year.

There is not much chance of any important quantities of the larger electrical machinery such as dynamos, generators, switchboards, etc., being imported for some time, as Guatemala seems to be entering one of the lean periods just at present. The names of importers of electrical goods in the district are forwarded (and may be had on application to the Bureau of Foreign and Domestic Commerce or its branches).

The oldest town in Alaska is Unalak. It was settled in 1778. Its population, according to the census, was 281.

Los Angeles had a rain June 26, the first instance of the kind on that date in thirty-five years.

A Siamese government savings bank has been established to encourage thrift among the people. Interest of 2 per cent is paid on call deposits and 5 per cent for six months' deposits.

The egg production of this country increased from 450,000,000 in 1880 to 1,300,000,000 in 1912.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, Class C construction, \$75,000. Architect, Charles O. Clausen, Hearst Bldg., S. F. Owner, George E. Bennett, 2000 16th street. The building will be erected on the south side of Eddy street east of Leavenworth, having a frontage of 50 feet and a depth of 123½ feet. There will be a total of 59 apartments of two and three rooms. Interior finish will be of pine, blue gum and circassian walnut. Plans provide for steam heat, elevator service, a hot water system, dumb waiters and a vacuum cleaning system. All apartments will have wall beds and private bath rooms. Tile wainscot and floors will be used in the baths. Entrance will be finished in marble and tile. Exterior of the building will be faced with cut stone, pressed brick and terra cotta. Plans are complete and work will be started at once by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. Ayres. The building will be erected at the corner of 13th and Oak streets and has been designed to contain a number of two and three room suites. Interiors will be finished in pine and elm. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$30,000. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owners name withheld. The building will be erected on Euclid avenue at the corner of Ridgeway, and has been designed to contain twenty-one apartments of two and three rooms. Interior finish will be of pine and hardwood veneer with hardwood floors in the principal rooms. Plans provide for steam heat and a hot water supply. Wall beds and private baths are also specified. Entrance will be finished in marble. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$50,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the east side of Mason street north of Sutter, having a frontage of 50 feet and a depth of 100 feet. There will be a number of two and three room apartments on the upper floors. The main floor will be arranged for office, lobby and ball room. Interior

finish will be of pine with hardwood veneer. Hardwood floors will be used in the living rooms and halls. Plans provide for steam heat, an automatic elevator, vacuum cleaning system and hot water supply. All suites will have wall beds and private baths. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick and terra cotta. Entrance will be finished in marble. Plans are complete and figures are now being taken by the architects.

SAN FRANCISCO—Apartment house, 3 story and base, brick and frame, \$20,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of Sacramento and Franklin streets and has been designed to contain twelve suites of two, three and four rooms. Interior will be finished in pine, blue gum and walnut. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the baths. Entrance will be finished in marble and tile. Exterior of the building will be covered with pressed brick veneer and cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, Mrs. O'Leary, 221 Masonic avenue, S. F. The building will be erected on the north side of Grove street east of Cole, and has been designed to contain five apartments of two and three rooms. Interiors will be finished in pine with some hardwood floors. There will be a hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot will be used in the baths. Exterior of the building will be covered with shingles and brick veneer. Plans are complete and the work will be done by Day Labor.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house completion, frame construction. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. The City Council has instructed the City Architect to prepare plans and specifications for the finishing of the second story of the San Rafael Baths.

BONDS.

SANTA BARBARA, SANTA BARBARA CO., CAL.—A petition bearing seven hundred names has been presented to the Supervisors here asking that they call a bond election for the purpose of building good roads. No amount is named in the petition. The matter has been taken under advisement by the Supervisors to be discussed at the next meeting of the Board.

cussed at the next meeting of the Board.

ORLAND, GLENN CO., CAL.—The State Board of Control has in its possession \$8,000,000 in bonds of various kinds from all sections of the State, and an additional block for the construction of a sewer and water system at Orland has been purchased by the Board for \$15,000.

MARYSVILLE, YUBA CO., CAL.—Fearing that the placing of the question on the November ballot would be confusing to the voters, the Supervisors of Sutter County have decided to postpone the submission of the proposition of a \$287,000 bond issue for the proposed road between Riego and Yuba City, by the way of Nicolaus, until next spring, when a special election will probably be held.

OAKDALE, STANISLAUS CO., CAL.—Oakdale has voted bonds of \$400,000, funds which will be used to complete the Oakdale Irrigation District's cement canals and furnish water to the new lands.

PETALUMA, SONOMA CO., CAL.—Two of the three propositions submitted to the voters of Petaluma at a special election were defeated. The proposition to put electroliners along Washington street and to eliminate Thompson Creek by means of a large storm sewer were the propositions which failed to carry. The proposition to improve Washington street received the necessary two-thirds vote. This improvement will cost \$20,000.

YREKA, SISKIYOU CO., CAL.—The voters of Siskiyou County at the November election will decide upon the proposition of bonding the county for \$720,000. The funds to be used in the construction of bridges and good roads. The bonds are to run forty years and bear interest at the rate of 5 per cent, with one-fortieth of the bonds payable every year.

OROVILLE, BUTTE CO., CAL.—The Rideout Bank of Gridley bid submitted to the Board of Supervisors, the only bid made for the bond issue of \$12,000 recently voted by the Manzanita school district, has been accepted. These bonds will run for twenty years and bear interest at the rate of 5 per cent. The proceeds of the bonds will be used in the construction of a new school building.

SALINAS, MONTEREY CO., CAL.—At the coming general election the question of incurring a bonded indebtedness in the amount of \$570,000 for the purpose of building bridges, repairing the present ones and for the construction of new roads and improving the present ones will be voted on here.

WATSONVILLE, SANTA CRUZ CO., CAL.—A bond issue held here recently to vote bonds in the sum of \$22,000 carried. The bonds were voted for the purchase of additional fire equipment and the construction of a bridge over the Pajaro river.

PASADENA, LOS ANGELES CO., CAL.—The Pasadena City School Dis-

strict Trustees have called a special bond election for October 20th to vote bonds in the sum of \$24,000 for refunding the valid indebtedness of the district. W. N. Smith, W. S. Grassie, John J. Hamilton and Frank May are the members of the Board of Education of Pasadena.

SEATTLE, WASH.—The Board of City School Directors has opened bids for the \$325,000 issue of bonds of independent school district No. 1, and has taken the award under advisement.

IMPERIAL, IMPERIAL CO., CAL.—The Board of Directors of the Imperial Irrigation District has set October 29th as the date on which the voters will ballot on the bond issue of \$3,500,000 for the purchase of the property of the California Development Company.

POND SCHOOL DISTRICT, KERN CO., CAL.—The Security Trust Company has purchased the \$6,000 bonds of this district. The funds will be used in the construction of a new school building.

UKIAH, MENDOCINO CO., CAL.—No bids were received here for the purchase of the Two Rivers and Anderson school district bonds. The bonds will be readvertised.

WOODLAND, YOLO CO., CAL.—October 30th has been set as the date for the voting of \$100,000 in bonds for the erection of a school building in this city. From indications it is thought that the issue will carry.

ROSEBURG, ORE.—The \$500,000 bond issue to begin construction of a railroad to Coos Bay carried at the city election. This issue of bonds is unique, inasmuch as it provides that the road must be built from Roseburg to Coos Bay before the bonds are available. Any company wishing to take up a contract to build the road must provide approved securities of \$500,000 as good faith before the bonds are issued. The commissioners to construct the railroad are A. J. Lilburn, J. W. Perkins, A. C. Marsters, Carl D. Shoemaker, L. Wimberly, J. F. Barker, W. H. Fisher, F. H. Churchill, B. W. Strong and W. H. Richardson.

SAN FRANCISCO, CAL.—Sealed proposals will be received by the Board of Supervisors up to the hour of 3 o'clock p. m., on Monday, October 26, 1914, for the purchase of the following described bonds of the City and County:

City Hall bonds to the amount of \$660,000, comprising fifteen bonds of each year's maturity, 1917 to 1960, inclusive.

Municipal Street Railway bonds to the amount of \$857,500, comprising 2,625 bonds of \$100 denomination, maturing 75 bonds each year, 1918 to 1952, inclusive; 700 bonds of \$500 denomination maturing 20 bonds each year, 1918 to 1952, inclusive, and 245 bonds of \$1,000 denomination, maturing seven bonds each year, 1918 to 1952, inclusive.

Water bonds to the amount of \$225,000, comprising five bonds of each year's maturity, 1920 to 1964, inclusive.

BRIDGES AND DAMS.

SUSANVILLE, LASSEN CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer's name not given. Owners, Town of Susanville. The Board of Trustees of Susanville at a meeting to consider a proposed concrete bridge across the Susan River to

the Southern Pacific depot have ordered plans and specifications completed. The plans will be rushed to completion and on approval bids will be called for.

SACRAMENTO, CAL.—Retaining wall, sheet metal piles, \$19,500. Engineer, City Engineer Miller, Sacramento. Owners, City of Sacramento. New plans for the sheet metal pile retaining wall in the levee near the swimming baths, which was washed out last winter, may be adopted by the City Commission. The city may also agree to pay half of the expense of the work. The Southern Pacific put in the work, but before it was accepted the piles were washed out. The railroad company wanted the city to replace the piles and sand, while the city took the position that the work had not been accepted and therefore the railroad company had not completed the work. Now it has been decided that because of a turn in the river the piles must be driven deeper. For this reason City Engineer Miller has been directed to prepare new plans for the work.

DIXON, SOLANO CO., CAL.—Bridge, reinforced concrete, \$10,000. Engineer, County Surveyor, Fairfield. Owners, Solano County. Bids will be opened on October 19th for the construction of the Clausen bridge across Putah creek, north of Kidwell ranch, thereby linking the state highways of Yolo and Solano counties. The bridge will have two arch spans, each 150 feet long and 21 feet above the water.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Bridges, 9, reinforced concrete and pile. Cost not stated. Engineer, County Surveyor Flourney, Santa Barbara. Owners, Santa Barbara County. County Surveyor Flourney is now preparing plans for nine of the most important bridges to be constructed along the State Highway north of this city. He has received from the Engineering Department of the Commission the final locations of the four bridges in de la Cuesta canyon, four in Zaca canyon, and one at Santa Ynez. The plans are well underway and it is thought that bids will be taken on their approval.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications for the construction of a reinforced concrete bridge to be constructed on the Monte Bello road over Stevens creek, have been approved and bids will be taken on November 2nd.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Bids opened by the Board of Supervisors for constructing a reinforced concrete bridge over Los Gatos creek at the Infirmary road show M. E. Kilcourse of San Jose low at \$6,757 on propositions 1 and 2. Otto Schubert was second low at \$6,848 for proposition 1 and \$6,788 for proposition 2. Both bids were taken under advisement.

SAN RAFAEL, MARIN CO., CAL.—Bridges, timber and concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids were opened at Tuesday's meeting of the Board of Supervisors for constructing two sets of bridges. The Marin Rock Co. were low for bridges Nos. 1, 2 and 3 at \$13,764. O. M. Price was low at \$7,652 for bridges Nos. 5 and 6. A complete list

of the bids as opened will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

PORTLAND, ORE.—Bridges, steel and reinforced concrete. Cost not given. Engineer, H. W. Holmes, Bureau of Bridges and Highways, Portland. Owners, City of Portland. Plans for the various bridges to be built across the railroad crossings of the Southern Pacific and Oregon-Washington Railroad and Navigation Co., together with approaches, are being prepared under the supervision of H. W. Holmes, who until recently was engineer for the Bureau of Bridges and Highways for the city, and who will continue in charge of this work. Besides the various structures which will be built, a regrade will be made by the railroad companies. This will extend along Sullivan's Gulch from 28th street to 82nd street, and when completed will be between 10 and 12 feet lower throughout the entire distance. This work will be completed by the railroads. The largest of the structures planned is that at East 37th street, which will be a 150-foot structure, consisting of three spans. These will be steel girders incased in concrete. There will also be four concrete approaches of various lengths, not to exceed 200 feet each. Other structures are planned at East 82nd street, East 47th street and East 52nd street, to be built at an estimated cost of \$10,000 each. Plans will be completed this fall, but in all probability bids will not be called for until in April.

STOCKTON, SAN JOAQUIN CO., CAL. Docks and sheds, steel and frame construction. Cost not stated. Engineer, none. Owners, Stockton and Sacramento River Steamship Co. The Stockton-Sacramento Steamship Company will soon begin the construction of new steel sheds in this city, according to latest reports. The sheds will probably be erected on the wharf space lying directly west of the present California Transportation Company's sheds. H. J. Corcoran is at the head of the company.

Contracts Awarded.

RED BLUFF, TEHAMA CO., CAL.—Bridges, 6, timber and concrete. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners Tehama County. Contractors: Kaufman bridge, C. W. Chambers and W. H. Andrews, \$399.75; Mill Race and Salt Creek Slough bridges, McCartney & Haskell, \$4,650; South Fork bridge, McCartney & Haskell, \$2,789; Burrows Creek bridge, McCartney & Haskell, \$4,174; Flournoy bridge, Ross Construction Co., \$1,250.

PORTLAND, ORE.—Dock, 1 story, mill construction, \$30,600. Engineer, G. B. Hegardt, Public Dock Commission, Portland. Owners, City of Portland. Contractor, Anton Tellar, Builders' Exchange, Portland. Contract price, \$30,600.

SAN FRANCISCO—Wharf, creosoted pile construction, \$108,720. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$108,720. This pier will be known as No. 16.

SAN FRANCISCO—Wharf, creosoted pile construction, \$11,800. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, San Francisco Bridge Co.,

S. F. Contract price, \$111,800. This pier will be known as No. 18.

CHURCHES.

SAN FRANCISCO—Church, 1 story and base, frame and plaster, \$15,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. The building will be erected at the corner of Capp and 19th streets, and has been designed in the classic style. There will be a large main auditorium and Sunday school rooms. Interior finish will be of pine and redwood. A central heating system will be installed. Art glass windows are specified. Exterior of the building will be covered with cement plaster. Plans are being revised and figures will be called for from the three low men who previously figured the work.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Warehouse, 2 story and base, brick, \$15,000. Architect, Alvin J. Stern, 1542 Broadway, Oakland. Owner's name withheld. The building will be erected on 19th street between Telegraph and San Pablo, and will cover a considerable ground area. Construction will be of the mill type. No interior finish will be used. Exterior of the building will be faced with brick. Plans are complete and figures are now being taken by the architect.

CLAREMONT, LOS ANGELES CO., CAL.—Ice and cold storage plant, 1 and 2 story, reinforced concrete, \$100,000. Engineer's name not given. Owners, Union Ice Co., Claremont. This company has secured a site 150 by 600 feet on the north side of the town and adjacent to the railroad yards, and will build a large cold storage plant. The plant will have a capacity of 600 cars for the season of 1915 and this will be increased the following year. Joseph Dehnell is the Claremont representative of the company.

FIRE HOUSES AND JAILS.

CALEXICO, IMPERIAL CO., CAL.—Jail, 1 and 2 story, reinforced concrete, \$20,000. Architect's name not given. Owners, City of Calexico. Provision has been made in the annual budget for \$17,240 for the purpose of constructing a new jail building. A site 60 by 140 feet has been secured and steps will be taken at once to have construction started. The present jail building is badly overcrowded. Definite plans have not been secured but the appointment of an architect will be made shortly. Further mention will be made of this work.

WOODLAND, YOLO CO., CAL.—Jail, 2 and 3 story and base, reinforced concrete, \$30,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. The building will be a part two and part three story structure with offices of the tax collector in the three story section. Construction will be fire proof, with reinforced concrete floors and walls. Interior partitions will be of hollow tile and metal lath and plaster. Interior will be finished in pine. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Special jail equipment will be installed under a separate contract and is not included

in the estimated cost of the building. Exterior will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened the first week in November. Plans and specifications can be secured from the architect.

Contracts Awarded.

MARYSVILLE, YUBA CO., CAL.—Jail cells, \$2,486. Architect, none. Owners, City of Marysville. Contractors, M. G. West Co., San Francisco. Contract price, \$2,486.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Karl Yngve, 133 Alpine street, S. F. The building will be erected on the west side of 17th avenue north of Clement, covering an area of 25 by 60 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flat alteration, 2 story and base, frame. Cost not stated. Architect, C. Cornelius Frye, 20 Montgomery street, S. F. Owner, Georgian Kenney. The present two-story frame dwelling located on 42nd avenue near Clement will be raised and altered into two modern flats. Interior will be finished in pine and redwood. There will be new hardwood floors, open fire places, tile mantels, plastering and plumbing. Exterior of the building will be covered with cement plaster on metal lath. The work will be done by Day Labor. Plans are complete.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. The building will be erected on 19th street near Capp, adjoining the new church, and will be used as a parsonage. Each flat will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, none. Owner, John T. Quigley, 628 Masonic avenue, S. F. The building will be erected on Minna street north of 7th street, covering an area of 25 by 69 feet. There will be three flats of five and six rooms. Interior will be finished in pine and redwood. Some oak floors will be used. Open fire places and tile mantels are specified. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic, shiplap and metal lath and plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats alterations and addition, 2 and 3 story, frame, \$1,500 and \$3,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Mrs. Ackerman and Mr. Bush. These buildings are now on property affected by the Twin Peaks Tunnel and will be removed. One will be placed at the corner of 19th and Diamond streets and the other on Eureka street. The building to be moved to 19th and Diamond will be raised and an additional story constructed. The work will require new plastering, plumbing, electric work, painting, interior finish and mantels. Some exterior work will also be required. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Edward Helms, 5th avenue and California. Owner, W. Briarl. The building will be erected on 5th avenue south of Cornwall, and has been designed to contain two modern flats of five and six rooms. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Edward Helms, 5th avenue and California. Owner, James Gleeson. The building will be erected on Anza street near 5th avenue, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster with a brick veneer base. Plans are complete and figures are being taken.

GARAGES.

SANTA ANA, ORANGE CO., CAL.—Garage, 1 story and base, brick and steel. Cost not stated. Architect, none. Owner, F. E. Farnsworth, Santa Ana. Mr. Farnsworth has purchased the northwest corner of Second and Main streets and will construct a large garage. The building will be a one-story brick structure and will cover an area of 100 by 117½ feet. As yet no architect has been selected.

GOVERNMENT WORK & SUPPLIES.

San Francisco, Cal., Repairs, Etc.
The contract for repairs and painting in the U. S. quarantine station, San Francisco, Cal., has been awarded to I. K. Kissel, 1723 Polk street, San Francisco, Cal., at \$2,550.

Steel Flumes.

The Secretary of the Interior has authorized the reclamation service to execute contract with the Hinman Hydraulic Manufacturing Co., of Denver, Colo., for furnishing steel flumes for

a Matt irrigation project, Nebraska. The contract price is \$6,772.25. b. enrs. Denver, Colo.

Allocations for Improvements.

Announcement has been made concerning the \$20,000,000 appropriated by Congress for river and harbor improvement. The largest single allotment was \$3,750,000 to the Mississippi River Commission. Allotments for the Pacific Coast states are: Los Angeles harbor, \$12,000; Oakland harbor, \$98,000; Humboldt harbor and bay, \$200,000; Sacramento and Feather rivers (work of the California Debris Commission), \$60,000; Coos Bay, \$70,000; Coquille river, \$28,000; Siuslaw river, \$5,000; Snake river, \$5,000; Columbia river and tributaries above Celilo falls to the mouth of Snake river, \$10,000; Columbia river between the foot of the Dalles rapids and the head of Celilo falls, \$525,000; Willamette and Yam Hill rivers, above Portland, \$25,500; Grays harbor and Chehalis river, \$15,000; Grays harbor and bar, \$110,000; Columbia river between Bridgeport and Kettle falls, \$35,000; Cowlitz and Lewis rivers, \$6,000.

MARE ISLAND, CAL.—Temporary pavilions, frame. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to the Commandant of the Mare Island Navy Yard for five temporary frame pavilions to be erected at the Naval Hospital Reservation at Mare Island. Each pavilion will be one story. Bids are now being taken and will be opened on October 21st. Plans and specifications together with complete particulars can be secured from the Commandant of the Mare Island Navy Yard. An official proposal appears in another column of this issue.

SAN FRANCISCO—Whistling buoy. Cost not stated. Engineer, United States Light House Inspector, San Francisco. Owners, United States Government. Plans are complete and figures are now being taken for furnishing F. O. R., San Francisco, two iron mammoth whistling buoys. Plans and complete information can be secured from the Light House Inspector at San Francisco. An official proposal appears in another column of this issue.

SAN FRANCISCO—Government work, frame and brick institutions. Cost not stated. Architect, U. S. Commissioner of Indian Affairs, Washington, D. C. Owners, United States Government. Plans and specifications are on file at the local Indian warehouse, 608 Howard street, for the following buildings: Frame Sanatorium, acetylene gas, heat, etc., at Turtle Mountain Indian Agency, North Dakota. Frame Sanatorium near Blackfeet Indian School, Montana. Frame Sanatorium, Mesalero Indian Agency, New Mexico. Frame Sanatorium, Pima Agency, Arizona. Frame Sanatorium near Carson Indian School, Nevada. Frame Sanatorium near Tascan Day School, San Xavier Indian Agency, Arizona. Bids for this work will be opened by the Commissioner of Indian Affairs at Washington, D. C., on November 3rd.

Contracts Awarded.

SAN FRANCISCO—Officers' quarters, 2 story and base, brick. Cost not stated.

ed. Architect, Constructing Quartermaster's office, Fort Mason. Owners, United States Government. Contractors, Frank M. Garden & Co., 231 Kearny street, general construction, \$21,175. Frank M. Garden & Co., S. F., heating, \$1,366. E. J. Klenk, 215 Sharon Bldg., lighting, \$985. Leach & De Camp, plumbing, \$2,122. American Heat and Power Co., 1862 7th street, Oakland, oil burning, \$486.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Seating for Municipal Auditorium. Cost not stated. Architect, J. J. Donovan, Oakland. Owners, City of Oakland. Bids will be opened on October 15th for furnishing and installing the seats in the new Oakland Auditorium. Plans and specifications can be secured from J. J. Donovan, Supervising Architect.

HOSPITALS.

SAN FRANCISCO—Hospital group, 4 and 6 story and base. Class A construction, \$600,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, University of California. Some time ago the Regents of the University announced that plans would be completed and figures called for on the construction of the new building early in October. Further information from the same source states that plans will be on the market within a week or ten days. Further mention will be made of the building at that time.

SACRAMENTO, CAL.—Hospital group, 2 and 4 story and base. Class A construction, \$70,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, County of Sacramento. Plans for the construction of a new County Hospital that would cost in the neighborhood of \$700,000, including furniture, were discussed by the Board of Supervisors, Architect R. A. Herold and Dr. June B. Harris, County Physician, at a conference held in this city lately. Herold estimated the cost at \$700,000, but some of the Supervisors were of the belief it could be done for less than this. According to Supervisor Mahoney nothing further will be done until the Supervisors have had an opportunity of visiting other hospitals. He believes a hospital can be built for \$250,000.

OAKLAND, CAL.—Old people's home, 3 story and base, brick and reinforced concrete, \$50,000. Architect, Oscar Haupt, Phelan Bldg., S. F. Owners, California German Altenheim. This work has been mentioned here before when plans were first started. The building will be in the nature of an addition to the present group of buildings and will be of similar design and construction. The work will include a steam heating system, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Sanitarium, 2 story and base, frame, \$7,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner W. N. Downey, 219 Sunnyside avenue. The building will be erected on East 5th avenue between 8th and 10th street. There will be a total of twenty-five private rooms, general office and large sun parlor.

Interior finish will be of pine and hardwood. There will be a central heating system and open fire places. Modern hospital plumbing will be installed. Bath rooms will be finished in tile. Exterior of the building will be covered with shiplap. Plans are complete and the work will be done by Day Labor.

HOTELS.

BANDON, ORE.—Hotel, 3 story and base, brick, \$30,000. Architect, J. E. Tourtellotte, Rotchild Bldg., Portland. Owners, Hotel Gallier Co., Bandon. The building will cover an area of 75 by 100 feet. The first floor will be arranged for the office, lobby, dining room, sample rooms, grill and kitchen. Upper floor will contain in the neighborhood of 40 guest rooms and several baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction. Cost not stated. Architect, August Wackerbarth, 202 North Main street, L. A. Owner, Philip Eichholz, 310 North Grand avenue, L. A. The building will be erected at the corner of Grand avenue and Temple street, covering an area of 40 by 73 feet. There will be two stores besides the hotel lobby on the ground floor. Upper floors will contain a total of 24 rooms and a number of baths. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Bath rooms will be finished in tile. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

LIBRARIES.

COLUMBIA CITY, WASH.—Library, 1 story and base, brick and concrete, \$40,000. Architect, W. Marbury Somervell, White Bldg., Seattle. Owners, Columbia City. The main building will contain two reading rooms, office of the librarian, stack room and game room. A rear wing, 20 by 46 feet, will contain work room and children's reading room. Interior will be finished in pine with hardwood floor. There will be a central heating system. Metal book stacks are specified. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for shortly.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Library, 1 story and base, brick, \$10,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of South San Francisco. The building will be of the classic style and will contain one reading room, office for the librarian and stack room. Interior finish will be of pine with a maple floor. There will be a central heating system. Metal book stacks will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on November 2nd. Plans and specifications can be secured from the architect.

Contracts Awarded.

WOODLAND, YOLO CO., CAL.—Library addition, 1 story and base, reinforced concrete, \$11,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Woodland. Contractor, Harvey Klyce, Sheldon Bldg., S. F. Contract price, \$11,000.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO — State Exhibit building, 2 story, frame and plaster, \$10,000. Architect, H. W. Baerresen, Service Bldg., S. F. Owners, State of Colorado. The building will be erected in that section of the Exposition grounds given over to the various state buildings. There will be a large auditorium in which pictures and lectures descriptive of the state will be held, reception hall and display booths. Interior finish will be of pine. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

SAN FRANCISCO — Display booth, frame construction. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for an exhibit booth to be erected in the Transportation Building at the Panama-Pacific Exposition by the Southern Pacific Co. have been completed by the Engineering Department and are now out for figures.

SAN FRANCISCO—Concession buildings, 1 and 2 story, frame and plaster. Costs as follow. Architect's name not given. Plans for several buildings to be erected throughout the Concession District of the Panama-Pacific Fair Grounds have been filed with the Bureau of Building Inspection of the Board of Public Works by the Panama-Pacific Company. The following is a list of the buildings and the estimated cost of each: Marine Gardens and Cafe, \$10,000; Japan Beautiful, \$23,000; Young's Restaurant, \$7,500; Orange Blossom No. 1, \$12,000; Tehautepec Village, \$9,500; Chinese Pagoda and Tea Garden, \$19,000; Alt Nurenberg, \$30,000; M. A. Gunst, \$9,000; Pennsylvania Building, \$38,000; Nevada Building, \$24,000.

POST OFFICES.

PORTLAND, ORE.—Post office, 4 story and base. Class A construction, \$1,000,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, United States Government. Postmaster Myers of Portland has conferred with officials of the Post Office Department and the Supervising Architect regarding the plans for the new Portland Post Office. He suggested several changes in arrangements of floor space in that part of the building allotted to the Post Office, the changes being designed to facilitate the handling of the mails. The plans are to be returned to Architect Lewis P. Hobart for revision in accordance with Mr. Myers' suggestion.

THE DALLES, ORE.—Post Office, 2 story and base, brick and stone. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. The building will be of semi-fireproof construction and will

cover an area of 5,000 square feet. Interior will be finished in pine and hardwood. Plans provide for steam heat and modern plumbing. Hardwood floors will be used. Exterior will be faced with cut stone and pressed brick. Plans are complete and have been forwarded to the west for figures. Bids will be opened in Washington on November 12th. Plans can be secured from either the office of the Supervising Architect or from the Custodian of the site at The Dalles. An official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION AND EQUIPMENT.

HIGHLAND, SAN BERNARDINO CO., CAL.—Electric line. Cost not stated. Engineer, Chief Engineer Pillsbury, Los Angeles. Owners, Pacific Electric Co. With the visit of President Paul Shoup and Chief Engineer Pillsbury of the Pacific Electric Company there has been a rumor circulated that the company has been contemplating the construction of a branch electric line. No additional information can be had at this time.

SAN FRANCISCO — Track specials. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete for furnishing the Municipal Railroads with track specials. Complete information can be secured from the City Engineer. Bids will be opened on October 21st. An official proposal appears in another column of this issue.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500. Architect, none. Owners, Lindberg Bros., 259 street, S. F. Owner, John Little, 1371 5th avenue, S. F. These two houses will be erected on the west side of 11th avenue north of Balboa street. Each house will contain eight rooms and bath. Interiors will be finished in pine and blue gum. Hardwood floors will be used in the living rooms, dining rooms and reception halls. The upper floors will be finished in white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO — Residence, 1½ story and base, frame, \$2,500. Architect, none. Owners, Lindberg Bros., 259 Surrey street, S. F. The dwelling will be erected on 21st street west of Sanchez, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some oak floors will be used. There will be and open fire place and tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,000. Architect, Edward E. Young, 21 Kearny street, S. F.

Owner, Thomas Seoble, 363 14th avenue, S. F. The dwelling will be erected on the north line of Lake street east of 29th avenue, and has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine, redwood, walnut and blue gum. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO — Residence, 2 story, base and attic, frame, \$15,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, M. A. Little, 1347 4th avenue, S. F. The dwelling will be erected at the southwest corner of Divisadero and Green streets on a lot 25 by 67½ feet. There will be in the neighborhood of twelve rooms, three baths and sleeping porch. Interior will be finished in pine, redwood, eastern oak and walnut. Hardwood floors will be used in the principal rooms. Plans provide for steam heat, a hot water system and open fire places. Chambers will be finished in white enamel. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected at the northeast corner of Panassus avenue and Arguello, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Alpheus Duffer, 685 Dolores street, S. F. The dwelling has been designed for a seven-room house and will be erected on the west side of 9th avenue north of Moraga. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Oliver & Thomas Pantages Theatre

Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Piedmont by the Lake, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, H. P. Smith, Blake Bldg., Oakland. Owner, J. F. Wilson. The dwelling will be erected on Taylor avenue, and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. E. Pinger, 1347 Shattuck avenue, Berkeley. The dwelling has been designed for a ten-room house and will be erected on the north side of Rose street east of Arch. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. F. R. Jordan. The dwelling will be erected on Lake Shore avenue near Walavista, and has been designed for an eight-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owner, Mr. Riquenes. The dwelling has been designed for a six-room house and will be erected in Havenscourt Terrace. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be cov-

ered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, Louis O. Hanson, 3211 Ellsworth street, Berkeley. The dwelling will be erected on Fresno street south of Monterey and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and an open fire place. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, R. B. Jones, 11 Fuller avenue, San Jose. The dwelling will be erected on Hartford avenue and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be an automatic water heater. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SACRAMENTO, CAL.—Bungalows, 6, 1 story and base, frame, Cost not stated. Architect, none. Owner, W. H. McMorry, Sacramento. These houses will be erected on property on T street recently purchased by Mr. McMorry. Each house will contain six rooms and bath. Interiors will be finished in pine and redwood. There will be some oak floors. Open fire places are specified. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Seoble, 363 11th avenue, S. F. The dwelling will be erected on the north side of Lake street east of 20th avenue, and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, reinforced concrete, \$15,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected at the corner of Vallejo and Divisadero streets, and has been designed to contain sixteen rooms, several baths and a private garage. Construction will be practically fireproof. Interior will be finished in pine and hardwood with white enamel in the bed rooms. There will be steam heat, a hot water system and vacuum cleaning. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in marble and tile. Exterior of

the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame and plaster, \$25,000. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Mrs. M. Wiley, 1214 Washington Bldg., L. A. Contractor, Thomas K. Miller, 3150 South Figueroa street, L. A. Contract price, \$25,000.

SCHOOLS.

SAN FRANCISCO—School fire escapes. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Webster Iron Works submitted the lowest figures on proposition 1 at \$2,693 and C. J. Hillard Co on proposition 2 at \$1,090 for furnishing fire escapes on the Burnett School. Contract has not been awarded.

RICHMOND, CONTRA COSTA CO., CAL.—School, 1 story, frame, \$2,000. Architect, none. Owners, City of Richmond. Bids will be opened on October 16th by the Board of School Trustees for constructing a kindergarten building. Plans can be secured from the Builders' Exchange at Richmond.

MT. DIABLO, CONTRA COSTA CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, George C. Meeker, First National Bank Bldg., Concord. Owners, Mt. Diablo School District. Plans and specifications have been completed for the new district school to be erected in the Mt. Diablo District. Plans and specifications can be secured from the architect. Bids will be opened on October 20th.

CURTIS CREEK SCHOOL DISTRICT, TOLUENE CO., CAL.—School, 1 story, frame. Cost not stated. Architect, none. Owners, Curtis Creek School District. Plans for a new district school have been completed and are now out for figures. Bids will be opened on October 17th. Plans and specifications can be secured from the office of The Banner, published at Sonora, or from the Clerk of the Board, Charles W. Harvey, Sonora.

COLTON, SAN BERNARDINO CO., CAL.—School, 2 story and base, brick, \$75,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owner, Colton School District. The building will be designed in the classic style and will contain sixteen class rooms, office, a large auditorium and domestic science and manual training departments. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern school plumbing. Plans also provide for vacuum cleaning, program clocks and slate blackboards. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BURLINGAME, SAN MATEO CO., CAL.—School, 2 story and base, frame, \$25,000. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Contractor J. J. Leonard, Phelan Bldg., is taking subfigures on the Burlingame School Building, for which he has been officially awarded the contract. The building will cost in the neighborhood of \$25,000 and it is of frame and plaster construction. Mr. Leonard wants subfigures on the following parts of the work: Electric

work, blackboards, stair work, glass and glazing, painting, plastering and galvanized iron work.

SEWERS, STREET WORK & WATER SYSTEMS.

STRAWBERRY VALLEY, UTAH—Reclamation project. Cost not stated. Engineers, United States Reclamation Service, Provo, Utah. Owners, United States Government. The work to be undertaken is the construction of Divisions 1, 2 and 3 of the Highline canal, Strawberry Valley project, Utah, involving 384,000 cubic yards of excavation, 2,300 cubic yards of excavating for structures, 3,300 cubic yards reinforced concrete, 167,000 square feet canal lining, 230 feet of tunnel, laying 1,700 feet vitrified pipe, 1,400 cubic yards of back filling, stone paving and placing of sluice gates. Bids are now being taken and figures will be opened on November 15th.

BAKERSFIELD, KERN CO., CAL.—Highway work. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids for the grading of 5.6 miles of the Bakersfield-Glenville road will be received by the Board of Supervisors until 2 o'clock p. m. October 25th. The road to be improved under this contract begins at the south end of the Poso creek bridge and extends in a general northerly direction. Its construction will eliminate numerous crossings of the creek, and will necessitate the removal of 35,000 yards of material. Included in the contract are the construction of a pile bridge and the placing of corrugated iron culverts.

DINUBA, TULARE CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Visalia. Owners, Tulare County. Lost Hills and Bitterwaters may soon be connected by a new road, a petition having just been circulated which will mean the building of a highway in the near future. The petition calls for the road to run from the northwest corner of section 1, southwesterly to township 27-19, to the mouth of Bitterwater creek, thence along the creek southwesterly to the west boundary of township 27-18.

BENICIA, SOLANO CO., CAL.—Street lighting. Cost not stated. Engineer, none. Owners, Town of Benicia. Because of a suggestion of Mayor W. L. Crooks, the Chamber of Commerce of this city has instructed its secretary to secure data on the lighting of other cities. It is the intention of the Chamber to place electroliers on First street and other residence streets in this city.

MARTINEZ, CONTRA COSTA CO., CAL.—Highway work. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Action in the construction of the Bay Point-Martinez road has been taken by the Board of Supervisors. The County Clerk has been directed to advertise for proposals for the construction of that highway. Bidders are at liberty to submit proposals for the dredging work and also to offer bids for piling. The date for the opening and consideration of the same is fixed for November 9th.

SANTA ROSA, SONOMA CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. The City

Council here has taken steps to start the construction of a sewer which will cost \$10,000, and has also authorized the paving of Fifth street, from Washington street to the Northwestern Pacific tracks. Chairman Spooner has presented a plan prepared by the City Engineer for the proposed sewer for the south side of town, beginning at Bennett avenue and Temple street, running down Bennett avenue to Lloyd street, thence to Sebastopol, thence to Davidson Lane, thence to and through the Rohrer property to the creek. The estimate provides for 6,121 feet of 14-inch, 5,976 feet of 12-inch, 1,045 feet 10-inch and 1,255 feet 8-inch sewer; a total of 11,400 feet.

TUOLUMNE, TUOLUMNE CO., CAL.—Irrigation reservoirs, concrete construction. Cost not stated. Engineer none. Owners, Oakdale and South San Joaquin Irrigation Districts. Directors and engineers of the Oakdale and South San Joaquin Irrigation Districts have been in the mountains of Tuolumne County looking for sites for reservoirs for holding back Stanislaus River water for late irrigation. Many sites were favored but no definite information can be had until the reports are compared. It is proposed to build joint reservoirs if the scheme can be carried out.

RED BLUFF, TEHAMA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Red Bluff. Owners, City of Red Bluff. A movement is underway in this city to have Main street paved from the Imperial Hotel to the Catholic Church. The question will be taken up at the next meeting of the City Trustees.

MARYSVILLE, YUBA CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Marysville. Owners, Yuba County. C. H. Dam of Wheatland has petitioned the Board of Supervisors here to consider the building of a county road from a point near the Virginia School to the State Highway near Wheatland, a distance of 1½ miles. The road is asked because of the long detour to get to Wheatland from this city. It is necessary, according to Dam, to encircle Beilby hill for a distance of fully four miles, whereas if the new road is constructed it would eliminate this distance. The matter is now being considered by the Supervisors.

SAN JOSE, SANTA CLARA CO., CAL.—Street work, paving, etc. Cost not stated. Engineer, City Engineer, San Jose. Owners, City of San Jose. The Mayor and Council at their regular meeting ordered the following street work done: The paving of the street at the corner of First and Almaden avenue, curbs and gutters; 11th street from William to Reed; River, Carlisle to St. Augustine; Pleasant, Martel to Carlisle; Pleasant, Carlisle to St. Augustine; Santa Teresa, Martel to Carlisle; Carlisle, Santa Teresa to Pleasant; Carlisle, Pleasant to River; Martel, Santa Teresa to Pleasant; Martel, Pleasant to River; St. Augustine, Teraine to Santa Teresa; Pleasant to River, and Santa Teresa to Pleasant, north side Hobson street, First to Spring; Spencer avenue, Brown to Grant. The City Engineer was directed to prepare map and specifications for the improvement of St. James street, from Third to Seventh, and diagram prepared by him was approved.

OKANOGAN, IDH.—Steel pressure pipes. Cost not stated. Engineers, United States Reclamation Service, Federal Bldg., L. A. Owners, United States Government. Plans are complete and figures are now being taken for furnishing and erecting riveted steel pressure pipes in the Okanogan Reclamation District. Plans and specifications can be secured from the engineers at Los Angeles, Cal.

BENTON CITY, WASH.—Canal work, flumes and gates. Cost not stated. Engineers, United States Reclamation Service, North Yakima. Owners, United States Government. The work will consist of constructing approximately 13.25 miles of canal extensions with pipe lines, flumes and other appurtenant structures involving 67,400 cubic yards of earth, 17,550 cubic yards of rock, and the construction of six pipe lines of approximately 4,240 feet. Plans and specifications can be secured from the engineers. Bids will be opened on October 26th.

Contracts Awarded.

CALIFORNIA—Highway work. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. For a complete list of the bids recently opened by the State Highway Commission see Sacramento and Northern California in this issue.

COALINGA TO MARTINEZ, CAL.—Pipe line stations, frame and concrete construction. Cost not stated. Engineers, Sanderson & Porter, Nevada Bank Bldg., S. F. Owners, Valley Pipe Line Co. (Dutch-Shell Co.) Contractors, Shaw & Hudson, L. A. Contract price not stated.

SAN MATEO, SAN MATEO CO., CAL.—Street work, \$12,800. Engineer, City Engineer, San Mateo. Owners, City of San Mateo. Contractor, A. G. Raichs S. F. Contract price, \$12,800.

RICHMOND, CONTRA COSTA CO., CAL.—Street paving, \$11,316.79. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, L. L. Page, Richmond. Contract price, \$11,316.79.

SACRAMENTO, CAL.—Trunk line sewer, \$56,651. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractors, Matthews Construction Co., Forum Bldg., Sacramento. Contract price, \$56,651.

RIVERSIDE, RIVERSIDE CO., CAL.—Street paving, \$31,859.15. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson-O'Shea Co., Riverside. Contract price, \$31,859.15.

STORES AND OFFICES.

SAN FRANCISCO—Office building addition, 1 story. Class A construction, \$20,000. Architect, Albert Pissis (represented by Mr. Bruce), Flood Bldg., S. F. Owners, Mechanics' Institute. An addition of one story will be constructed. The new portion of the building has been leased to the California Society of Engineers. Construction and architectural design will be the same as the present building. Plans are now being prepared.

SAN FRANCISCO—Offices, 9 story and base. Class B construction. Cost not stated. Architect, Norman Conier, 16 Kearny street, S. F. Owner, Joseph Kowalsky. At the present time the steel frame for an eight-story building is complete and an additional story

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of steel will be added. The building will be erected on the east side of Mason street north of Eddy, and has been designed as a combination office building for dentists with living apartments in connection. Interior will be finished in pine and hardwood. There will be steam heat, elevator service and a hot water supply. Walls and floors will be of concrete. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Stores and offices, 8 story and base. Class A construction, \$165,000. Architect not selected. Owners, Sacramento Chamber of Commerce. An offer to finance the Chamber of Commerce in this city has been received by the Board of Directors from J. H. McKibben, representing M. C. McCarthy of Chicago. McKibben is a San Francisco broker, while McCarthy is a Chicago contractor. Architect J. W. Woollett, Newhall Bldg., S. F., is responsible for the offer, having informed McCarthy of the opportunity. McKibben in his communication states that McCarthy is willing to put up \$120,000 for the building, but suggests that a \$165,000 building be built of at least ten stories. The Chamber of Commerce has already received plans and specifications for an eight-story building to cost \$120,000. The Chamber owns a site on Seventh street between I and J, and will build there if the plan goes through.

SANTA MONICA, LOS ANGELES CO., CAL.—Telephone exchange, 3 story and base, brick and concrete, \$50,000. Architect, Engineering Department Pacific Tel. and Tel. Co., 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. The building will cover a considerable ground area and will have a light steel frame with concrete floors and brick exterior walls. The first floor will contain the office of the company and public space. Upper floors will be arranged for the exchange rooms and repair department. There will be steam heat and special electric work. Interior will be finished in pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Bank and offices, 5 story and base. Class C construction, \$115,000. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Mrs. Lucy Hauerway. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. Contract price, \$115,000.

PHILIPPINE TIMBER CONCESSION OFFERED

Sealed proposals in duplicate, will be received at the office of the Directory of Forestry in Manila for the privilege of cutting and removing timber and gathering other products, stone, and earth on 292,000 acres in the

Provinces of Tayabas and Ambos Camarines. While the date of opening bids in Manila is November 14, 1914, if a prospective bidder in the United States finds it impossible to get his bid there by that time he should communicate at once with the Bureau of Insular Affairs, Washington, D. C., stating the circumstances, and if the delay involved will not be too long that bureau may arrange to have the opening of bids postponed long enough for him to reach Manila.

As the terms of the concession require the establishment of sawmills and logging operations, American manufacturers of equipment therefore should follow up this matter in order to obtain orders for machinery.

CALIFORNIA MUST DISPLACE AUSTRIA AND GERMANY.

Cutting Off of Magnesite Imports Should Stimulate Mining of American Deposits.

Up to the present the United States has been dependent largely upon foreign sources for its supply of magnesite or carbonate of magnesia, the imports in 1913 amounting to 172,591 short tons, as compared with only 2,632 tons produced in this country. It is interesting to note that the major portion of the imports (163,715 short tons) came from Austria-Hungary, and the most of the remainder came from Greece, and was landed for calcining at Hamburg and Rotterdam before being reshipped to this country. The question of the adequacy of the domestic supply to meet our needs therefore assumes much importance. Magnesite is valuable for a variety of purposes, such as various refractory uses, as brick, furnace hearths, crucibles, etc.; as magnesium sulphate for the digestion and whitening of wood-pulp paper; in crude form for the manufacture of carbon dioxide; calcined and ground for oxychloride or Sorel cement; miscellaneous applications in crude or calcined form; miscellaneous uses of refined magnesia salts. The magnesite from Austria-Hungary has been received chiefly at Philadelphia and is used in the manufacture of refractory brick. The Grecian magnesite enters chiefly at New York and is used for all purposes enumerated above.

The dependence of American users of magnesite on the foreign supplies is due for one thing to the location of the American deposits in California, at so great a distance from the eastern markets that the freight rates have been prohibitive. The establishment of water transportation through the Panama Canal may be expected to alleviate this difficulty. A second cause is the difference in composition between the magnesites of Austria-Hungary and those of California. The former generally contain 6 to 8 per cent of iron, which appears to be beneficial in the manufacture of refractory brick.

With the cutting off of the Austro-

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Hungarian and possibly of the Grecian supplies there would seem to be every reason why the California industry should be materially advanced. Fortunately the deposits in that State are numerous, and many of them are fairly large and of high grade. In the opening and development of these mines their nearness to railroad transportation seems to have been of more importance than the character or extent of the deposits. Certain deposits, notably in Santa Clara and San Benito counties, are known to be large in extent and of good character of material, but they lie idle owing to the distance the mineral must be hauled to a railroad, while smaller mines close to railroad stations are being worked. (Bulletin 599, U. S. Geological Survey.)

Architect C. H. Miller, Dalziel Bldg., Oakland, is preparing plans for a one-story and basement frame residence to be erected in Havenscourt for Mr. Kidques. The dwelling will contain six rooms and sleeping porch. The interior will be finished in Oregon pine. There will be hardwood floors, one open fire place, tile mantel and composition floor in the bath room. The exterior will be covered with cement plaster. The estimated cost is \$3,000.

A potato shortage in England caused prices to advance June 1 in Manchester to \$30 per ton against \$12.90 a ton the same time last year.

The number of cattle in this country has decreased in recent years, while the poultry flock has grown larger.

PROPOSALS

Bids Wanted

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Sunnyside, Wash.—Sealed proposals will be received at the office of the United States Reclamation Service, Sunnyside, Wash., until 2 o'clock p. m. **October 26, 1914**, for the construction of about 13.25 miles of main canal extension of the Sunnyside Canal, near Benton City, Wash., with pipe lines, flumes and other appurtenant structures, involving the excavation of approximately 67,400 cubic yards of earth and 17,350 cubic yards of rock, the construction of 6 pipe lines, the total length of which is approximately 1,240 feet; 630 lineal feet of metal flume and the incidental iron structures. Particulars may be obtained at the offices of the United States Reclamation Service at North Yakima and Sunnyside, Wash. **CHARLES H. SWIGART**, supervising engineer.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed bids will be received at the office of the United States Reclamation Service at Provo, Utah, until **November 15, 1914**, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 354,000 cubic yards of canal excavation, 2,300 cubic yards of excavation for structures, 3,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel, complete, with concrete lining, laying approximately 1,700 feet of vitrified pipe of miscellaneous sizes; also 1,400 cubic yards of back-filling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service, near the mouth of Spanish Fork Canyon, to Station 700 plus 00, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. **WILL R. KING**, chief counsel.

PROPOSALS FOR BUOYS.

WHISTLING BUOYS—Sealed proposals will be received at the office of the light house inspector, San Francisco, Cal., until 2 o'clock p. m. **October 28, 1914**, and then opened, for furnishing two iron mammoth whistling buoys. Blank proposals and particulars may be obtained by addressing the light house inspector, San Francisco, Cal.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. **October 31, 1914**, and then there publicly opened, for five temporary one-story wooden ward pavilions at the naval hospital reservation, Mare Island Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. **H. R. STANFORD**, chief of bureau.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 21st day of October,**

1914, for furnishing and delivering the following material:

A quantity of track special work for the Municipal Railway System.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be completed within eighty (80) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of the contract has been fixed at \$1,500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

PROPOSALS FOR TOWER AND TANK.

TOWER AND TANK—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. **October 27, 1914**, and then opened, for the construction of a concrete water tower, concrete tank, etc., at the quarantine station, Honolulu, Hawaii, in accordance with the specification and drawing, copies of which may be obtained at this office, at office of superintendent of repairs, U. S. post office, San Francisco, Cal., or at the office of the custodian of the station at Honolulu, Hawaii, in the discretion of the supervising architect. **O. WENDEROTH**, supervising architect.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. **October 28, 1914**, for the reconstruction of Dodson South Canal at Dodson Bridge. The work involves about 71,000 cubic yards of excavation, 12,000 cubic yards of puddled filling, 5,200 cubic yards of riprap, 40 cubic yards of concrete and the moving of two steel bridge spans, abutments and pier. Construction is situated on the south side of Milk River, about one and one-quarter miles south of Dodson, Mont., a station on the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Malta, Mont. **F. H. NEWELL**, director.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 602 Burke Building, Seattle, Wash.—Sealed proposals for dredging and jetty construction in Port Townsend Bay and Oak Bay, Wash., will be received at this office until 12 m. **October 16, 1914**, and then publicly opened. Information on application. **J. R. CAVANAUGH**, major, engineers.

SEALED BIDS will be received by **W. F. McClure**, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, **Monday, October 19th, 1914**, said bids then and there to be publicly opened and read for furnishing all plant, materials, labor, and doing the work required for the construction and erect-

tion of a building to be known as **Cottage for Epileptic Girls**, Sonoma State Home, Eureka, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering. Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

IMPROVEMENTS CONTEMPLATED.

WOODBAND, Yolo Co., Cal.—Hither indefinite plans are being prepared by the officials of the Pacific Gas & Electric Company to improve the gas service in this city. The project is either to construct a new plant altogether or to lay a pipe line from Sacramento and discontinue the making of gas here. Whichever plan is put into effect the cost will be between \$50,000 and \$75,000.

BRIDGE BIDS WANTED.

RIVERSIDE, Riverside Co., Cal.—Bids will be received by the Board of Supervisors until October 10th, for the construction of a concrete bridge over the San Jacinto River near the San Jacinto Hot Springs in accordance with plans and specifications which may be obtained from the county surveyor.

WILL REPAIR CANALS.

FRESNO, Fresno Co., Cal.—More than seventy-five men will be put to work on cleaning and repairing the 450 canals controlled by the Fresno Canal and Irrigation Company. New headgates on concrete foundations will be installed.

LATERAL TO BE CONSTRUCTED.

MARYSVILLE, Yuba Co., Cal.—At a meeting of the M. M. and E. a resolution was adopted favoring the construction of a lateral from the main trunk of the State highway from Marysville to Downieville via Smartsville, Nevada City and Camptonville. Among those working on the committee to have the lateral built is **James K. O'Brien** of Smartsville and Commissioner Miller of Nevada City.

ELECTRIC ROAD PLANNED.

BENICIA, Solano Co., Cal.—The City Trustees have been asked by President **A. T. Bowen** of the Benicia Land & Terminal Company for a franchise for an electric road through the city streets to the city limits on the Vallejo Road. Bowen proposes to build a road from Benicia to Vallejo and a line from Benicia to Winters. Officials of the company state that the road will be in operation within one year.

A portable searchlight supplied with gas from a tank carried on a man's back has been invented to enable linemen to see the tops of poles at night without having to climb them.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

STATE EXHIBIT BUILDING—2 story, frame and plaster, \$10,000. San Francisco. Architect, H. W. Baerresen, Service Bldg., S. F. Owners, State of Colorado. The building will be erected in that section of the Exposition Grounds given over to the various state buildings. There will be a large auditorium in which pictures and lectures descriptive of the state will be held, reception hall and display booths. Interior finish will be of pine. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

DISPLAY BOOTH—Frame construction. Cost not stated. San Francisco. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for an exhibit booth to be erected in the Transportation Building at the Panama-Pacific Exposition by the Southern Pacific Co. have been completed by the Engineering Department and are now out for figures.

CONCESSION BUILDINGS—1 and 2 story, frame and plaster. Costs as follows. San Francisco. Architect's name not given. Plans for several buildings to be erected throughout the Concession District of the Panama-Pacific Fair Grounds have been filed with the Bureau of Building Inspection of the Board of Public Works by the Panama-Pacific Company. The following is a list of the buildings and the estimated cost of each: Marine Gardens and Cafe, \$10,000; Japan Beautiful, \$23,000; Young's Restaurant, \$7,500; Orange Blossom No. 1, \$12,000; Tehautepec Village, \$9,500; Chinese Pagoda and Tea Garden, \$49,000; Alt Nurenberg, \$30,000; M. A. Gunst, \$9,000; Pennsylvania Building, \$38,000; Nevada Building, \$24,000.

APARTMENT HOUSE—6 story and base. Class C construction, \$75,000. San Francisco. Architect, Charles O. Clausen, Hearst Bldg., S. F. Owner, George E. Bennett, 2000 16th street. The building will be erected on the south side of Eddy street east of Leavenworth, having a frontage of 50 feet and a depth of 123½ feet. There will be a total of 59 apartments of two and three rooms. Interior finish will be of pine, blue gum and circassian walnut. Plans provide for steam heat, elevator service, a hot water system, dumb waiters and vacuum cleaning system. All apartments will have wall teds and private bath rooms. Tile wainscot and floors will be used in the baths. Entrance will be finished in marble and tile. Exterior of the building will be faced with cut stone, pressed brick and terra cotta. Plans are complete and work will be started at once by Day Labor.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, none. Owner, Karl Yngve, 133 Alpine street, S. F. The building will be erected on the west side of 17th avenue north of

Clement, covering an area of 25 by 60 feet. There will be two modern flats of five and six rooms. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLAT ALTERATION—2 story and base, frame. Cost not stated. San Francisco. Architect, C. Cornelius Frye, 20 Montgomery street, S. F. Owner, Georgian Kenney. The present two story frame dwelling located on 42nd avenue near Clement will be raised and altered into 2 modern flats. Interior will be finished in pine and redwood. There will be new hardwood floors, open fire places, tile mantels, plastering and plumbing. Exterior of the building will be covered with cement plaster on metal lath. The work will be done by Day Labor. Plans are complete.

HOSPITAL GROUP—4 and 6 story and base. Class A construction, \$600,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, University of California. Sometime ago the Regents of the University announced that plans would be completed and figures called for on the construction of the new building early in October. Further information from the same source states that plans will be on the market within a week or ten days. Further mention will be made of the building at that time.

WHISTLING BUOYS—Cost not stated. San Francisco. Engineer, United States Light House Inspector, San Francisco. Owners, United States Government. Plans are complete and figures are now being taken for furnishing F. O. B., San Francisco, two mammoth whistling buoys. Plans and complete information can be secured from the Light House Inspector at San Francisco. An official proposal appears in another column of this issue.

RESIDENCES—2, 2 story and base, frame, \$5,500 each. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Little, 1371 5th avenue, S. F. These two houses will be erected on the west side of 11th avenue north of Balboa street. Each house will contain eight rooms and bath. Interiors will be finished in pine and blue gum. Hardwood floors will be used in the living rooms, dining rooms and reception halls. The upper floors will be finished in white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—1½ story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Lindberg Bros., 239 Surrey street, S. F. The dwelling will be erected on 21st street west of Sanchez, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Seoble, 363 14th avenue, S. F. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood, walnut and blue gum. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story, base and attic, frame, \$15,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, M. A. Little, 1371 5th avenue, S. F. The dwelling will be erected at the southwest corner of Divisadero and Green streets on a lot 25 by 67½ feet. There will be in the neighborhood of twelve rooms, three baths and sleeping porch. Interior will be finished in pine, redwood, eastern oak and walnut. Hardwood floors will be used in the principal rooms. Plans provide for steam heat, a hot water system and open fire places. Chambers will be finished in white enamel. Bath rooms will have tile floors and wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—6 story and base, brick and steel, \$50,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the east side of Mason street north of Sutter, having a frontage of 50 feet and a depth of 100 feet. There will be a number of two and three room apartments on the upper floors. The main floor will be arranged for offices, lobby and ball room. Interior finish will be of pine with hardwood veneer. Hardwood floors will be used in the living rooms and halls. Plans provide for steam

heat, an automatic elevator, vacuum cleaning system and private baths. The wainscot and composition floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick and terra cotta. Entrance will be finished in marble. Plans are complete and figures are now being taken by the architects.

APARTMENT HOUSE—3 story and base, brick and frame, \$20,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of Sacramento and Franklin streets, and has been designed to contain twelve suites of two, three and four rooms. Interior will be finished in pine, blue gum and walnut. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water supply. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the baths. Entrance will be finished in marble and tile. Exterior of the building will be covered with pressed brick veneer and cement plaster on metal lath. Plans are now being prepared.

CHURCH—1 story and base, frame and plaster, \$15,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. The building will be erected at the corner of Capp and 19th streets and has been designed in the classic style. There will be a large main auditorium and Sunday school rooms. Interior finish will be of pine and redwood. A central heating system will be installed. Art glass windows are specified. Exterior of the building will be covered with cement plaster. Plans are being revised and figures will be called for from the three low men who previously figured the work.

FLATS—2 story and base, frame, \$1,500. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Emanuel Evangelical Association. The building will be erected on 19th street near Capp, adjoining the new church, and will be used as a parsonage. Each flat will contain seven rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, John T. Quigley, 628 Masonic avenue, S. F. The building will be erected on Minna street north of 7th street, covering an area of 25 by 69 feet. There will be three flats of five and six rooms. Interiors will be finished in pine and redwood. Some oak floors will be used. Open fire places and tile mantels are specified. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic, shiplap and metal lath and plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

FLATS ALTERATIONS AND ADDITION—2 and 3 story, frame, \$4,500 and

\$3,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Mr. Ackerman and Mr. Bush. These buildings are now on property affected by the Twin Peaks Tunnel and will be removed. One will be placed at the corner of 19th and Diamond street and the other on Eureka street. The building to be moved to 19th and Diamond will be raised and an additional story constructed. The work will require new plastering, plumbing, electric work, painting, interior finish and mantels. Some exterior work will also be required. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Edward Helms, 5th avenue and California. Owner, W. Briarl. The building will be erected on 5th avenue south of Cornwall, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms and kitchens. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Edward Helms, 5th avenue and California. Owner, James Gleeson. The building will be erected on Anza street near 8th avenue, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be large open fire places in the living rooms. Mantels will be of tile or brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster with a brick veneer base. Plans are complete and figures are being taken.

GOVERNMENT WORK—Frame and brick institutions. Cost not stated. San Francisco. Architect, U. S. Commissioner of Indian Affairs, Washington, D. C. Owners, United States Government. Plans and specifications are on file at the local Indian Warehouse, 608 Howard street, for the following buildings: Frame Sanitarium, acetylene gas, heat, etc., at Turtle Mountain Indian Agency, North Dakota. Frame Sanitarium near Blackfoot Indian school, Montana. Frame Sanitarium, Mescalero Indian Agency, New Mexico. Frame Sanitarium, Pima Agency, Arizona. Frame Sanitarium near Carson Indian school, Nevada. Frame Sanitarium near Tuscan day school, San Xavier Indian Agency, Arizona. Bids for this work will be opened by the Commissioner of Indian Affairs at Washington, D. C., on November 3rd.

LIBRARY—1 story and base, brick, \$10,000. South San Francisco. San Mateo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of South San Francisco. The building will be of the classic style and will contain one main reading room, office for the librarian and stack room. Interior finish will be of pine with a maple floor.

There will be a central heating system. Metal book stacks will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on November 2nd. Plans and specifications can be secured from the architect.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, E. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected at the northeast corner of Parnassus avenue and Arguello, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Alpheus Duffee, 685 Dolores street, S. F. The dwelling has been designed for a seven-room house, and will be erected on the west side of 9th avenue north of Moraga. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL FIRE ESCAPES—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Webster Iron Works submitted the lowest figures on Prop. 1 at \$2,693 and C. J. Hillard Co. on Prop. 2 at \$1,090 for furnishing fire escapes on the Burnett School. Contract has not been awarded.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, Mrs. O'Leary, 221 Masonic avenue, S. F. The building will be erected on the south side of Grove street east of Cole, and has been designed to contain five apartments of two and three rooms. Interiors will be finished in pine with some hardwood floors. There will be a hot water supply. All apartments will have wall beds and private bath rooms. Tile wainscot will be used in the baths. Exterior of the building will be covered with shingles and brick veneer. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Seoble, 263 14th avenue, S. F. The dwelling will be erected on the north side of Lake street east of 20th avenue, and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms.

There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 2 story and base, reinforced concrete, \$15,000, San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected at the corner of Vallejo and Divisadero streets and has been designed to contain sixteen rooms, several baths and a private garage. Construction will be practically fireproof, interior will be finished in pine and hardwood with white enamel in the bed rooms. There will be steam heat, a hot water system and vacuum cleaning. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in marble and tile. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

OFFICE BUILDING ADDITION — 1 story, Class A construction, \$30,000, San Francisco. Architect, Albert Pissis, (represented by Mr. Bruce) Flood Bldg., S. F. Owners, Mechanics' Institute. An addition of one story will be constructed. The new portion of the building has been leased to the California Society of Engineers. Construction and architectural design will be the same as the present building. Plans are now being prepared.

OFFICES — 9 story and base, Class B construction. Cost not stated, San Francisco. Architect, Norman Coulter, 46 Kearny street, S. F. Owner, Joseph Kowalski. At the present time the steel frame for an eight-story building is complete and an additional story of steel will be added. The building will be erected on the east side of Mason street north of Eddy, and has been designed as a combination office building for dentists with living apartments in connection. Interior will be finished in pine and hardwood. There will be steam heat, elevator service and a hot water supply. Walls and floors will be of concrete. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

WHARF — Creosoted pile construction, \$108,720, San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$108,720. This pier will be known as No. 16.

WHARF — Creosoted pile construction, \$111,800, San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, San Francisco Bridge Co., S. F. Contract price, \$111,800. This pier will be known as No. 18.

OFFICERS' QUARTERS — 2 story and base, brick. Cost not stated, San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractors, Frank M. Garden & Co., 231 Kearny street, general construction, \$21,178; Frank M. Garden & Co., heating, \$1,366; F. J. Klenk, 215 Sharon Bldg., lighting, \$985; Leach & De Camp, plumbing, \$2,122; American Heat and Power Co., 1862 7th street, Oakland, oil burning, \$456.

City Bids Opened

Bids Received by the Board of Public Works for Fire Escape Work and Paving School Yard.

Bids were opened at Wednesday's session of the Board of Public Works for furnishing and installing fire escapes at the Burnett School and for paving with asphalt the school yard at the Polytechnic High School. The following is a complete list of the figures as opened:

Fire Escapes, Burnett School.		
L. W. Pillegrin.....	\$3,000	\$2,215
T. W. McClenahan.....	4,372	3,472
Rudgear-Merle Co.....	3,960	3,825
Central Iron Works.....	2,887	2,150
Vulcan Iron Works.....	3,661	2,933
Ralston Iron Works.....	3,948	2,998
Webster Iron Works.....	2,693	1,888
C. J. Hillard Co.....	3,757	1,090

Asphalt Paving, Yard at Polytechnic High School.

Raise Improvement Co.....	\$3,200
Fay Improvement Co.....	2,424

Exposition Building Plans Are Filed?

Ten Sets of Plans Received by The Building Inspector for Work in Concession District.

Plans for several buildings to be erected throughout the Concession District of the Panama-Pacific Fair Grounds have been filed with the Bureau of Building Inspection of the Board of Public Works by the Panama-Pacific Company.

The following is a list of the buildings and the estimate cost of each:		
Marine Gardens and Cafe.....	\$10,000	
Japan Beautiful	23,000	
Young's Restaurant	7,500	
Orange Blossom No. 1.....	12,000	
Tehuantepec Village	9,500	
Chinese Pagoda and Tea Garden	49,000	
Alt Nurenberg	30,000	
M. A. Gunst.....	9,000	
Pennsylvania Building	38,500	
Nevada Building	24,000	

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
3348	Trouillet	Trouillet	\$800
3349	Seal Rock	Seal Rock	6000
3350	Perrison	Perrison	8000
3351	Turel	McLaren	25000
3352	Pacific G & E Co., Owner		39000
3353	Same	Same	25000
3354	Geary	Cannon	3000
3355	Campion	Bruck	5000
3356	Bd Miss Ind.	Gaspard	24247
3357	Fuller	Allyn	17371
3358	Harney	Secor	3015
3359	Same	Same	2442
3360	Remington	Hall	14000
3361	Crocker	Pac Drill	1500
3362	Becker	Ratto	4880
3363	Chit	Ralston	1223
3364	Morris	Leticia	5028
3365	Same	Beck	20900
3366	Newman	Cal Elec	248
3367	Same	Elam	10034
3368	Same	Ahhbach	1425
3369	Same	Agmar	619
3370	Harder	Roberts	3000
3371	Same	Same	3000
3372	Same	Same	3000
3373	Same	Same	3000
3374	Same	Same	3000
3375	Gr S F	Brumfield	450
3376	Nal Supply	Van Sant	750
3377	Williams	Ryan	500
3378	Scoble	Scoble	4000
3379	Morehouse	Owner	400

3380	Poheim	Faber	400
3381	S F Home Incr.	Burnham	7626
3382	Guignl	Liebert	7675
3383	Stern	Grant	7655
3384	Beulah	Olson	7936
3385	Young	Sinnott	7500
3386	Hogan	Montgomery	1500
3387	Tuned	Demarais	885
3388	Tucker	Coburn	17300
3389	Same	Scott	1395
3390	Sahlgren	Sahlgren	600
3391	Goddard	Goddard	1200
3392	Rivard	Hicks	400
3393	Laplace	Lavesque	1020
3394	Sheldon	Sheldon	400
3395	Yngve	Yngve	4000
3396	Cowley	Montgomery	400
3397	Linberg	Linberg	2500
3398	Person	Person	1850
3399	Nilsson	Person	1850
3400	Traders Rlty	Stranahan	3982
3401	S P Co.	Hicks	3497
3402	Barbier	Emanuel	4061
3403	Bianchi	Dioguardi	5550
3404	Laplace	Lavesque	1020
3405	Evans	Evans	1500
3406	Webster	Webster	400
3407	Solari	Solari	4000
3408	Brown	Brown	2850
3409	Brown	Brown	2850
3410	Little	Little	5000
3411	Same	Same	5000
3412	Nasel	Heden	750
3413	Torrigino	Curran	1000
3414	Munro	Munro	2150
3415	Caissa	Farnochia	8816
3416	Spinnetti	Morchio	1600
3417	Densmore	Densmore	1000
3418	Quigley	Quigley	4500
3419	Nelson	Nelson	5000
3420	Duffie	Duffie	3000
3421	Pacific G & E	Reed	4160
3422	Muller	Zwicker	2500
3423	Scoble	Scoble	5000
3424	O'Leary	O'Leary	7500
3425	Peterson	Peterson	4600
3426	Huquette	Hidishina	400
3427	MsSherry	Sharnan	850
3428	St Francis Hospital ..	Higginson	1815
3429	Counihan	Cavaglieri	2950
3430	De Young	O'Neill	1400
3431	Westgate Pk.	City St. Imp	

ADDITION

(3348) S SUTTER 75 W Larkin. Add one-story tar and gravel roof, etc., to be used as assembly hall.

Owner.....J. P. Trouillet, 1228 Sutter, San Francisco.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Day's work.....COST, \$8000

ALTERATIONS AND ADDITIONS

(3349) NE BALBOA & GREAT HIGHWAY. Alterations and additions to present building.

Owner.....Seal Rock Incorporation, 68 Post, San Francisco.

Architect...Alexander A. Cantin, 68 Post, San Francisco.

Day's work.....COST, \$6000

FRAME APARTMENTS

(3350) SE CHURCH AND 24TH. Two-story and basement frame (4) apartments and store.

Owner.....Edwin S. Perrison, Care of Architect.,

Architect...Albert Schroeffer, 68 Post, San Francisco.

Day's work.....COST, \$9000

ALTERATIONS

(3351) NO. 186 O'FARRELL. Additions and alterations to present brick building.

Owner.....A. M. and E. S. Turel, Alaska Commercial Bldg., San Francisco.

Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor, McLaren & Peterson, Sharon Bldg., San Francisco.

COST, \$25,000

ADDITION

(3352) NE TWENTY-THIRD AND Georgia. Add Class "A" electric

switch house to present building.
Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.
Architect...E. H. Meyer, Bankers' In-
vestment Bldg., S. F.
Day's work. COST, \$39,000

BRICK POWER HOUSE
(3353) NW TWENTY-FOURTH AVE
and Balboa. One-story brick power
house.
Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.
Architect...General Constr. Dept., 445
Sutter, San Francisco.
Day's work. COST, \$25,000

FRAME RESIDENCE
(3354) W TWENTY-THIRD AVE 125
S Clement. One and one-half-story
and basement frame residence.
Owner.....Aida Geary, Capitola, Cal.
Architect...C. O. Clausen, Hearst
Bldg., San Francisco.
Contractor...Richard Cannon.
COST, \$3000

FRAME DWELLING
(3355) S HUGO 65 W Second Ave.
Two-story and basement frame dwlg.
Owner.....Rose Campion, 45 Kearny,
San Francisco.
Architect...John J. Foley, 46 Kearny,
San Francisco.
Contractor...Michael Brueck, 600 Char-
ter Oak Ave., S. F.
COST, \$3242

BRICK BUILDING
(3356) BLK 163, LOT 5 on Stockton
St., bet. Sacramento and Clay. All
work for Class "C" frame and brick
building.
Owner.....Christian Woman's Board
of Missions of City of In-
dianapolis.
Architect...Robert H. Orr, 340 Van
Nuys Bldg., Los Angeles.
Contractor...Gaspard & Hammond,
Sharon Bldg., S. F.
Filed Oct. 5, '14. Dated Sept. 18, '14.
On last of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$24,247
Bond, \$12,123.50 material men; \$6061.25
owner. Surety, Southwestern Surety
Insurance Co. Limit, forfeit, none.
Plans and specifications filed.

FRAME RESIDENCE
(3357) N VALLEJO 73 E Fillmore E
22xN 137-6. All work except plumb-
ing, etc., for three-story frame resi-
dence.
Owner.....Geo. P. Fuller, 2250 Vallejo
San Francisco.
Architect...Ward & Blohm, Alaska-
Commercial Bldg., S. F.
Contractor...Stockholm & Allyn, Mo-
nadnock Bldg., S. F.
Filed Oct. 5, '14. Dated Sept. 29, '14.
Frame completed\$3000.00
Enclosed, roof on and exterior
plaster on 3500.00
Interior plaster completed... 1500.00
Completed and accepted..... 5028.25
Usual 35 days..... 4342.75
TOTAL COST, \$17,371.00
Bond, \$8685. Surety, The Aetna Acci-
dent & Liability Co. Limit, 110 days.
Forfeit, \$10. Plans and specifications
filed.

FRAME RESIDENCE
(3358) E THIRD AVE 129 N Fulton N
25xE 120. Brick, lumber, hardware,
glass, plumbing, painting, plaster,
tinting, roofing, etc., for two-story
frame residence.

Owner.....Fannie M. Harney, 1629
Lyon, San Francisco.
Architect...W. F. Harney.
Contractor...L. A. Secor, 80 Cassell,
San Francisco.
Filed Oct. 5, '14. Dated Oct. 3, '14.
Frame up\$753
Brown coated 753
Completed and accepted..... 753
Usual 35 days..... 754
TOTAL COST, \$3015
Bond, none. Limit, 90 days. Forfeit,
\$2. Plans and specifications filed.

RESIDENCE
(3359) E NINETEENTH AVE 125 S
Geary S 25xE 120 O L 266. All work
for seven-room and bath residence.
Owner.....John D. and Norah Harriss
410 19th Ave., S. F.
Architect...None.
Contractor...D. Houle, 660 Market,
San Francisco.
Filed Oct. 5, '14. Dated Oct. 1, '14.
Frame up\$795
Brown coated 795
Completed 795
Usual 35 days..... 795
TOTAL COST, \$3180
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

EXHIBIT BOOTH
(3360) EXPOSITION SITE. All work
for exhibit booth in Palace of Liberal
Arts.
Owner.....Remington Typewriter Co.,
238 Rush, San Francisco.
Architect...None.
Contractor...Hall & Glendon.
Filed Oct. 5, '14. Dated Oct. 2, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,000
Bond, \$7000. Surety, American Surety
Co. Limit, Jan. 15, 1915. Forfeit, none.
Plans and specifications filed.

WELL
(3361) LOT BDED ON N BY POST, E
by Powell, S by Geary and known as
St. Francis Hotel. Boring and con-
struction of well partially completed
to a depth of 1,000 feet.
Owner.....Crocker Hotel Co., 1st Na-
tional Bank Bldg., S. F.
Architect...None.
Contractor...Pacific Drilling & Pros-
pecting Co., 51 Minna, S. F.
Filed Oct. 5, '14. Dated Oct. 3, '14.
Hole drilled to depth of 800 ft...\$800
Hole drilled to depth of 900 ft... 200
Usual 35 days..... 600
TOTAL COST, \$1500
Bond, \$750. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 3 months
after Oct. 3rd. Forfeit, plans and
specifications, none.

FRAME FLATS
(3362) W GUERRERO 89 N Cumber-
land N 25xW 120. All work for two-
story and basement frame flats.
Owner.....Adam and Amelia Becker,
3730 20th, S. F.
Architect...C. O. Clausen, Hearst Bldg
San Francisco.
Contractor...Ratto & Ratto, 232 Harl-
ford, San Francisco.
Filed Oct. 5, '14. Dated Sept. 29, '14.
Frame up\$1220
Brown coated 1220
Completed and accepted..... 1220
Usual 35 days..... 1220
TOTAL COST, \$4880

Bond, \$2410. Surety, Fidelity & De-
posit Co. Limit, 75 days. Forfeit,
\$5. Plans and specifications filed.

HOTEL
(3363) SE GEARY AND TAYLOR S
137-6xE 87-6. Structural steel for
extension of one-story structure on
roof of 12-story hotel building.
Owner.....Chft Realty Co., 1st Na-
tional Bank Bldg., S. F.
Architect...G. A. Applegarth, Claus
Speckels Bldg., S. F.
Contractor...Italston Iron Works, 20th
and Indiana, S. P.
Filed Oct. 5, '14. Dated Oct. 3, '14.
Semi-monthly payments of.... 75%
36 days after 25%
TOTAL COST, \$1225
Bond, \$612. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as fast
as required. Forfeit, \$50. Plans and
specifications filed.

FRAME APARTMENTS
(3364) S CLAY 85 E Franklin E 39-3
S 187-8 1/2 W 37-3 N 27-8 1/2 W 2 N 100.
Sewering, water and gas piping,
plumbing fixtures, heating and oil
burning equipment for three-story
and basement frame apartments.
Owner.....Mrs. S. Morris.
Architect...Fabre & Bearwald, Mer-
chants National Bk. Bldg.,
San Francisco.
Contractor...J. M. Lettich, 681 Market,
San Francisco.
Filed Oct. 5, '14. Dated Oct. 1, '14.
Roughing in done.....\$2000
Completed and accepted..... 1778
Usual 35 days..... 1260
TOTAL COST, \$5038
Bond, \$2519. Surety, Massachusetts
Bonding & Insurance Co. Limit, as re-
quired. Forfeit, \$25. Plans and spec-
ifications filed.

(3365) EXCAVATING, GRADING,
trenching, concrete, brick, iron, com-
position flooring, marble, carpenter
work, mill, hardware, painting, elec-
tric work etc., on above.
Contractor...John E. Beck, 110 Jessie,
San Francisco.
Filed Oct. 5, '14. Dated Oct. 1, '14.
Enclosed and roof on.....\$5225
Brown coated 5225
Completed and accepted..... 5225
Usual 35 days..... 5225
TOTAL COST, \$20,900
Bond, \$10,450. Sureties, S. Persson and
P. P. Quinn. Limit, 110 days. Forfeit,
\$25. Plans and specifications filed.

DWELLING AND GARAGE
(3366) W COMMONWEALTH AVE 225
N Geary N 40xW 120. Electrical work
conduits, wiring and switches for 2-
story and basement frame dwelling
and one-story frame garage.
Owner.....Edwin S. Newman, 2205
Sacramento, S. F.
Architect...Henry H. Meyers, Clunle
Bldg., San Francisco.
Contractor...California Elec. Constr. Co.,
641 Mission, San Francisco.
Filed Oct. 5, '14. Dated Oct. 2, '14.
Rough wiring, iron cabinets and
conduit work installed.....\$150
Completed and accepted..... 111
Usual 35 days..... 87
TOTAL COST, \$348
Bond, \$174. Surety, Southwestern
Surety Insurance Co. Limit, 90 days.
Forfeit, \$10. Plans and specifications
filed.
(3367) EXCAVATING, CONCRETE,
brick, tile partitions, carpenter, mill,

glass, glazing, hardware, patent flues chimneys, stairs, tin, galvanized iron, skylights, wrought iron, lath and plaster, cementing grates, tiling, marble, mosaic, terrazzo, roofing, etc., on above.

Contractor...Thomas Elam & Son, 180 Jessie, San Francisco.

Filed Oct. 5, '14. Dated Sept. 30, '14.

On 10th of each month..... 75%

Usual 35 days, 25%.....\$2508.50

TOTAL COST, \$10,034.00

Bond, \$5017. Surety, Southwestern Surety Insurance Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(3368) PLUMBING, DRAINS, PLUMBING fixtures, hot and cold water piping, gas piping, etc., on above.

Contractor...Ahlbach & Mayer, 75 Dorland, San Francisco.

Filed Oct. 5, '14. Dated Sept. 30, '14.

Rough piping installed.....\$534.00

Completed and accepted..... 534.75

36 days after..... 356.25

TOTAL COST, \$1425.00

Bond, \$713. Surety, National Surety Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(3369) PAINTING, POLISHING, TINTING, staining, etc., on above.

Contractor...Paul Agmar, 2872 California, San Francisco.

Filed Oct. 5, '14. Dated Sept. 30, '14.

One-half completed.....\$345.00

Completed and accepted..... 344.25

36 days after..... 229.75

TOTAL COST, \$919.00

Bond, \$460. Surety, Maryland Casualty Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

FRAME DWELLING

(3370) W CASTRO 14 N 22nd. Two-story and basement frame dwelling.

Owner.....Louis B. Harder, 2528 Mission, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.

COST, \$3000

FRAME DWELLING

(3371) W CASTRO 75 N 22nd. Two-story and basement frame dwelling.

Owner.....Louis B. Harder, 2528 Mission, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.

COST, \$3000

FRAME DWELLING

(3372) W CASTRO 148 N 22nd. Two-story and basement frame dwelling.

Owner.....Louis B. Harder, 2528 Mission, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.

COST, \$3000

FRAME DWELLING

(3373) W CASTRO 124 N 22nd. Two-story and basement frame dwelling.

Owner.....Louis B. Harder, 2528 Mission, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.

COST, \$3000

FRAME DWELLING

(3374) W CASTRO 100 N 22nd. Two-story and basement frame dwelling.

Owner.....Louis B. Harder, 2528 Mission, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.

COST, \$3000

ELECTRIC SIGN

(3375) NE MARKET AND TAYLOR.

Electric sign.

Owner.....Greater San Francisco Cloak Co. Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$450

STEEL STATION

(3376) NW FINE & VAN NESS AVE.

One-story steel station.

Owner.....National Supply Stations, 2400 Broadway, Oakland.

Architect...None.

Contractor...Van Sant-Houghton Co., 503 Market, San Francisco.

COST, \$750

ALTERATIONS

(3377) NOS. 1211-1211½ DEVISADERO

Alter basement to store and minor changes.

Owner.....Williams & Ryan, Prem.

Architect...None.

Day's work.

COST, \$500

FRAME DWELLING

(3378) N LAKE 60 E 20th Ave. Two-story and basement frame dwelling.

Owner.....Thos. Soehle, 363 14th Ave San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.

COST, \$4000

ALTERATIONS

(3379) N FOLSOM 200 E Fifth. Alter for shop.

Owner.....C. C. Morehouse, Crocker Bldg., San Francisco.

Architect...None.

Day's work.

COST, \$400

ALTER STORES

(3380) NOS. 994-996 VALENCIA. Alter stores.

Owner.....Fohelm Estate.

Architect...None.

Contractor...A. G. Faber, 4 Eddy, S. F.

COST, \$400

CONCRETE HOSPITAL

(3381) NE GEARY AND WOOD. Plumbing and heating for two-story and basement reinforced concrete hospital.

Owner.....San Francisco Home for Incurables, 1442 Fulton, San Francisco.

Architect...Loring P. Rixford, Sharon Bldg., San Francisco.

Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.

Sub-Contractor...Burnham Plumbing Co., Inc., 1220 Webster, San Francisco.

Filed Oct. 5, '14. Dated Sept. 30, '14.

On 10th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$7625

Bond, \$3813. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications, none.

FRAME FLATS

(3382) E FRANKLIN 150 S Lombard S 25 E 109-6 N 50 W 39-4 S 25 W 70-2. All work for three-story and basement frame flats.

Owner.....Celeste Giugni, 217 Columbus Ave., San Francisco.

Architect...Chas. Fantoni, 916 Kearny San Francisco.

Contractor...H. Liebert and J. Martinelli, 406 Vallejo, S. F.

Filed Oct. 5, '14. Dated Oct. 3, '14.

Building roofed.....\$1818.75

Brown coated..... 1818.75

Completed and accepted..... 1818.75

Usual 35 days..... 1818.75

TOTAL COST, \$7275.00

Bond, \$3637.50. Sureties, N. Capurro and P. Carnignani. Limit, 90 days after Oct. 7. Forfeit, \$4. Plans and specifications filed.

FRAME STORE AND FLATS

(3383) SW SCOTT & CHESTNUT 25 on Scott by 100. All work for alteration and additions for three-story frame store and flats.

Owner.....E. and Mrs. E. Stern, 3299 Scott, San Francisco.

Architect...None.

Contractor...W. E. Grant, 1032 Irving, San Francisco.

Filed Oct. 5, '14. Dated Sept. 30, '14.

As work progresses..... 50%

On completion..... 25%

Usual 35 days..... 25%

TOTAL COST, \$3655

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS AND ADDITIONS

(3384) E EUREKA 150 S 18th. All work or alterations and additions except removal of buildings.

Owner.....Beulah Real Estate Co.

Architect...Albert Schroepfer, 68 Post, San Francisco.

Contractor...A. E. Olson, 125 Jersey, San Francisco.

Filed Oct. 6, '14. Dated Sept. 21, '14.

Foundations on 1st house.....\$1485

Foundations on 2nd house..... 1486

Electric wiring and plumbing

roughed in..... 1486

Completed and accepted..... 1486

Usual 35 days..... 1993

TOTAL COST, \$7936

Bond, \$3962.50. Sureties, Jno. T. Miller and H. A. Norman. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

FRAME RESTAURANT BUILDING

(3385) EXPOSITION SITE. Frame work, hardware, painting, fixtures, plaster, electric work, plumbing, etc., for two-story frame restaurant building.

Owner.....Young Restaurant Co.

Architect...Wm. Beasley, 127 Montgomery, San Francisco.

Contractor...Richard Sinnott, 1323 Guerrero, San Francisco.

Filed Oct. 6, '14. Dated Oct. 5, '14.

Frame up.....\$1406.25

Ready for plastering..... 1406.25

Standing finish on..... 1406.25

Usual 35 days..... 1875.00

TOTAL COST, \$7500.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS AND ADDITIONS (3386) NO. 2026 LOMBARD. Alterations and additions to building.

Owner.....Jno. Hogan.

Architect...Banks & Hermann.

Contractor...Elmer J. Montgomery, 1318 Broadway, S. F.

Filed Oct. 6, '14. Dated Oct. 6, '14.

New roof on.....\$550

Completed and accepted..... 575

Usual 35 days..... 375

TOTAL COST, \$1500

Bond, guarantee bond in favor of owner, Sureties, Chas. Schlesinger & J. B. Brickwedel. Limit, 60 days. Forfeited, none. Plans and specifications filed.

FRAME STORE

(3387) E CONNECTICUT 75 N Marinosa 25 feet frontage Bldg 243. All work except excavation and plumbing for one-story frame store.

Owner.....Mary Cunco, 288 Connecticut, San Francisco.

Architect...B. W. Demarais, Contractor...B. W. Demarais, 732 Page, San Francisco.

Filed Oct. 6, '14. Dated Sept. 24, '14.
Frame up\$225
Brown coated 225
Completed 225
Usual 35 days..... 210

TOTAL COST, \$885

Bond, none. Limit, 90 days after Oct. 1. Forfeited, none. Plans and specifications filed.

FRAME APARTMENTS

(3388) NW BUSH AND GOUGH. Excavation, foundation, marble, carpenter, wrought iron, tin and sheet metal, garbage chute, tiling, composition floors, plumbing, electric, glass plaster, glazing, shades, painting for three-story and basement frame apartment building.

Owner.....Rebecca C. Tucker, 2858 Washington, S. F.

Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Ira W. Coburn, Inc., Hearst Bldg., San Francisco.

Filed Oct. 6, '14. Dated Oct. 3, '14.
Frame sheathed and roofed....\$4325
Brown coated 4325
Completed and accepted..... 4325
Usual 25 days..... 4325

TOTAL COST, \$17,300

Bond, \$8650. Surety, American Surety Co. Limit, Feb. 1, 1915. Forfeited, none. Plans and specifications filed.

(3389) BOILERS, HOT WATER heaters, hot water storage tank, radiators, oil burning plant, electric wiring, etc., on above.

Contractor...Scott Co., 243 Minna, S. F.

Filed Oct. 6, '14. Dated Oct. 3, '14.
Piping and radiator stubs roughed in\$523
Completed and accepted..... 523
Usual 35 days..... 349

TOTAL COST, \$1395

Bond, \$700. Sureties, H. S. Tittle and Wm. P. Scott. Limit, forfeited, none. Plans and specifications filed.

FRAME DWELLING

(3390) E INGALLS 25 N Jamestown. One-story and basement frame dwlg.

Owner.....W. Sahlgren, 225 Collingwood, San Francisco.

Architect...None.
Day's work. COST, \$600

FRAME DWELLING

(3391) N JOOST 125 W Congo. One-story and basement frame dwelling.

Owner.....J. W. Goddard, 40½ Arlington, San Francisco.

Architect...None.
Day's work. COST, \$1200

ALTERATIONS

(3392) S GEARY 100 E Devisadero. Raise and make alterations to dwlg.

Owner.....Mrs. E. M. Rivard.
Architect...None.

Day's work. COST, \$400

ALTERATIONS AND ADDITIONS

(3393) S GALVEZ 100 W Mandell W 50x8 100. Alterations and additions to building.

Owner.....Hemi Laplace, 1511 Galves, San Francisco.

Architect...None.
Contractor...Lavesque & Pedenpe, 997 Cambridge, S. F.

Filed Oct. 7, '14. Dated Oct. 1, '14.
Foundations and underpinning in\$255
Ready for lathing..... 255
Brown coated 255
Completed and accepted..... 257

TOTAL COST, \$1020

Bond, none. Limit, 40 days. Forfeited, none. Plans and specifications filed.

ALTERATIONS

(3394) NO. 614 KEARNY. Alter front and interior.

Owner.....M. Sheldon, Sheldon Bldg., San Francisco.

Architect...None.
Day's work. COST, \$400

FRAME FLATS

(3395) W SEVENTEENTH AVE 125 N Clement. Two-story and basement frame (2) flats.

Owner.....Karl Yngve, 133 Alpine Terrace, San Francisco.

Architect...None.
Day's work. COST, \$4000

ALTER FLATS

(3396) NO. 3 CHARLTON COURT. Alter flats.

Owner.....Mrs. Crowley, 1215 Union, San Francisco.

Architect...None.
Contractor...E. J. Montgomery, 1318 Broadway, S. F.

COST, \$400

FRAME DWELLING

(3397) N TWENTY-FIRST 155 W Sanchez. One and one-half-story and basement frame dwelling.

Owner.....Lindberg Bros., 259 Surrey San Francisco.

Architect...None.
Day's work. COST, \$2500

FRAME DWELLING

(3398) S NEY 100 W Congdon. One and one-half-story and basement frame dwelling.

Owner.....Martin Person, 515 Dolores San Francisco.

Architect...None.
Day's work. COST, \$1850

FRAME DWELLING

(3399) S NEY 75 W Congdon. One and one-half-story and basement frame dwelling.

Owner.....N. F. Nilsson, 2367 Mission San Francisco.

Architect...None.
Contractor...Martin Person, 515 Dolores San Francisco.

COST, \$1350

APARTMENT HOUSE

(3400) S ELLIS 137-6 W Jones W 82-6 xS 137-6. Painting and papering for six-story and basement brick and steel apartment house.

Owner.....Traders Realty Co., 905 1st National Bank Bldg., San Francisco.

Architect...J. R. Miller, Lick Bldg., San Francisco.

Contractor...Stranahan & Son, 619 Arguello Blvd, S. F.

Filed Oct. 7, '14. Dated Oct. 6, '14.

Monthly payments of
Usual 35 days

TOTAL COST, \$4005

Bond, \$1992.50. Surety, Pacific Coast Casualty Co. Limit, as fast as required. Forfeited, \$60. Plans and specifications filed.

ELECTRIC WIRING

(3401) BLACK HOLE BY THIRD, 10th Townsend and King. Electric wiring of depot building.

Owner.....Southern Pacific Co., Flood Bldg., S. F.

Architect...None.
Contractor...Hicks & Folte, 320 Market San Francisco.

Filed Oct. 7, '14. Dated Sept. 16, '14.

End of each month..... 750
Usual 35 days..... 250

TOTAL COST, \$5490

Bond, \$1800. Sureties, G. J. O. Folte and W. W. Hicks. Limit, 80 days. Forfeited, none. Specifications only filed.

ALTERATION AND ADDITIONS

(3402) NO. 101 GRANT AVE. Alterations and additions and fixtures for store.

Owner.....H. F. Barbier Co.
Architect...Carl Werner, Phelan Bldg., San Francisco.

Contractor...L. & E. Emanuel, Inc., 141 12th, San Francisco.

Filed Oct. 7, '14. Dated Oct. 6, '14.

Work ready at shop.....\$1000
Bulk of work delivered..... 1000
Completed and accepted..... 1045

Usual 35 days..... 1016

TOTAL COST, \$4961

Bond, \$2032. Sureties, Walter W. Clute and Maurice Greenberg. Limit, 36 days. Forfeited, \$10. Plans and specifications filed.

FRAME DWELLING

(3403) COM AT END OF LINE LOT 23 Map Lyon & Hoag Sub Ashbury Terrace and SW Congress S 78 deg 11 min W 71.15 N 14 deg 24 min E 77.86 SE 77.65 SW 10.15 SE 25 Pin Lots 22 and 23 Lyon & Hoags Sub, Ashbury Terrace. All work for two-story and basement frame dwelling.

Owner.....A. B. Bianchi, 559 Monadnock Bldg., S. F.

Architect...W. W. Rednall, Scott and Union, San Francisco.

Contractor...L. Dioguardi, Daly City.

Filed Oct. 7, '14. Dated Sept. 30, '14.

Frame up and roof on.....\$1200
Brown coated 1200
Completed 1200

Usual 35 days..... 1750

TOTAL COST, \$2350

Bond, none. Limit, 75 days. Forfeited, none. Plans and specifications filed.

DWELLING

(3404) S GILMAN 75 W Ingalls. One-story and basement frame dwelling.

Owner.....P. Evans, 1103 31st Ave. (South), San Francisco.

Architect...None.
Day's work. COST, \$1500

BRICK GARAGE

(3405) NO. 3740 CLAY. One-story brick garage.

Owner.....Mr. Webster, Premises.
Architect...None.

Day's work. COST, \$150

ADDITIONS AND REPAIRS

(3406) S EIGHTEENTH 300 W Douglass. Move, alter, repair and add to present building.

Owner.....Gulissana Solari, 4551
18th, San Francisco.
Architect.....None.
Contractor.....Chas. F. Solari, 75 Dia-
mond, San Francisco.
COST, \$1000

FRAME DWELLING

(3107) E SIXTH AVE 25 S Kirkham.
Two-story and basement frame dwlg
Owner.....Little E. Brown, 1434 6th
Ave., San Francisco.
Architect.....Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor.....S. E. Brown, 1434 6th Ave.
San Francisco.
COST, \$2850

FRAME DWELLING

(3408) E SIXTH AVE 50 S Kirkham.
Two-story and basement frame dwlg
Owner.....Little E. Brown, 1434 6th
Ave., San Francisco.
Architect.....Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor.....S. E. Brown, 1434 6th Ave.
San Francisco.
COST, \$2850

FRAME DWELLING

(3409) W ELEVENTH AVE 300 N
Balboa. Two-story and basement
frame dwelling.
Owner.....John Little, 1371 5th Ave.,
San Francisco.
Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.
Day's work.....COST, \$5500

FRAME DWELLING

(3110) W ELEVENTH AVE 275 N
Balboa. Two-story and basement
frame dwelling.
Owner.....John Little, 1371 5th Ave.,
San Francisco.
Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.
Day's work.....COST, \$3500

FRAME DWELLING

(3411) SW GREEN & DEVISADERO.
Two-story basement and attic frame
dwelling.
Owner.....M. A. Little, 1437 4th Ave.,
San Francisco.
Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.
Day's work.....COST, \$15,000

ALTER AND REPAIR DWELLING

(3412) NO. 4023 ARMY. General
alterations and repairs to dwelling.
Owner.....J. Nagel, Premises.
Architect.....None.
Contractor.....G. Heden.
COST, \$750

FRAME FLATS

(3413) E JASPER PLACE 93-1½ N
Green: E Jasper Place 115-1½ N
Green. Plumbing and gas fitting for
two three-story frame flats.
Owner.....F. Torrigino.
Architect.....None.
Contractor.....A. Curran.
Filed Oct. 8, '14. Dated July 31, '14.
Rough plumbing in.....\$250
Completed and accepted.....375
Usual 35 days.....375
TOTAL COST, \$1000
Bond, \$500. Surety, Jos. O. Granville.
Limit, 60 days. Forfeit, \$3. Plans and
specifications filed.

ALTERATIONS AND ADDITIONS

(3414) W NOE 120 N 18th. Alterations
and additions to make a three-story
frame building.

Owner.....Emma Munro, 172 Noe,
San Francisco.

Architect.....None.

Contractor.....J. M. Bailey, 310 Excelsior,
San Francisco.

Filed Oct. 8, '14. Dated Oct. 5, '14.
Raised and foundations and rat
proof on.....\$537.50
Outside standing in place and
roof on.....537.50
Plaster on and doors hung.....537.50
Usual 35 days.....537.50
TOTAL COST, \$2150.00

Bond, \$1075. Sureties, Jno. E. Martin
and Jas. Geary. Limit, 60 days. For-
feit, none. Plans and specifications
filed.

FRAME STORES AND FLATS

(3415) SW COLUMBUS AVE 81-4½
NW Filbert NW 97-7¼ W 8-10½ S
75 E 22-4½ S 62-6 E 46-4½ N 62-6
E 2-6½. All work except finish
hardware, shades, lighting fixtures
for two-story and basement frame
stores and flats.

Owner.....D. J. Casassa, 751 Filbert,
San Francisco.

Architect.....Paul J. Capurro, 1844
Powell, San Francisco.

Contractor.....Farnocchia Petri & Co.,
397 Chestnut, S. F.

Filed Oct. 8, '14. Dated Oct. 8, '14.
Frame up and roof hoards on.....\$2204
Brown coated.....2204
Completed and accepted.....2204
Usual 35 days.....2204
TOTAL COST, \$8816

Bond, \$4408. Sureties, J. Mosca and
L. Lombardi. Limit, 90 days after Oct.
12. Forfeit, \$5. Plans and specifica-
tions filed.

FRAME FLATS

(3416) S GREEN 25 E Laguna S 100X
E 23-3; No. 1889 Green. Alterations
and additions to make two-story
frame flats.

Owner.....Maria A. and Flavio P.
Spinetti, 1889 Green, S. F.

Architect.....None.
Contractor.....John Morchio, 237 10th
Ave., San Francisco.

Filed Oct. 8, '14. Dated Oct. 7, '14.
Alterations roughed in, enclosed
and roofed.....\$400
Plastering on.....400
Completed.....400
Usual 35 days.....400
TOTAL COST, \$1600

Bond, none. Limit, as soon as possi-
ble. Forfeit, none. Plans and speci-
fications filed.

FRAME DWELLING

(3417) E THIRTY-THIRD AVE 375
N Taraval. One-story frame dwlg.
Owner.....Mrs. Ada Densmore, 1889
Eddy, San Francisco.
Architect.....None.
Contractor.....W. A. Mansfield.
COST, \$1000

FRAME FLATS

(3418) E MINNA 250 N Seventh.
Three-story and basement frame (3)
flats.

Owner.....John T. Quigley, 628 Ma-
sonic Ave., S. F.

Architect.....None.
Day's work.....COST, \$1800

FRAME DWELLING

(3419) NE PARNASSUS & ARGUELLO
Blad. Two-story and basement
frame dwelling.
Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.

race, San Francisco

Architect.....None.
Day's work.....COST, \$5000

FRAME DWELLING

(3420) W NINTH AVE 275 N Moraga.
Two-story and basement frame dwlg
Owner.....Alpheus Duffie, 685 Dolores
San Francisco.

Architect.....None.
Day's work.....COST, \$3000

EXTEND STATION

(3421) BLK BDED BY HUMBOLDT,
23rd, Georgia and Louisiana P N 464.
Brick work for extension to Station
"A."

Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.

Architect.....Fredk. H. Meyer, Bankers'
Investment Bldg., S. F.

Contractor.....Reed & White, Monadnock
Bldg., San Francisco.

Filed Oct. 9, '14. Dated Sept. 29, '14.
On completion.....75%
Usual 35 days.....25%
TOTAL COST, \$4160

Bond, \$2080. Surety, Globe Indemnity
Co. Limit, 30 days. Forfeit, none.
Plans and specifications filed.

CAFE

(3422) EXPOSITION SITE. All work
for one-story frame building with
mezzanine over kitchen for Muller-
Luxus Cafe.

Owner.....Otto and Charles Muller
and Fritz Muller, Jr.

Architect.....None.
Contractor.....J. G. Zwicker.

Filed Oct. 9, '14. Dated Oct. 8, '14.
End of each month.....75%
Usual 35 days.....35%
TOTAL COST, \$2500

Bond, \$1250. Surety, Hartford Accident
& Indemnity Co. Limit, 36 days from
notification. Forfeit, none. Plans and
specifications filed.

FRAME DWELLING

(3423) N LAKE 32-6 E 20th Ave. Two-
story and basement frame dwelling.

Owner.....Thos. Scoble, 363 14th Ave.,
San Francisco.

Architect.....E. E. Young, 251 Kearny,
San Francisco.

Day's work.....COST, \$5000

FRAME APARTMENTS

(3424) S GROVE 125 E Cole. Three-
story and basement frame (5) apart-
ments.

Owner.....Mrs. O'Leary, 1221 Masonic
Ave., San Francisco.

Architect.....None.
Day's work.....COST, \$7500

FRAME FLATS

(3425) W SIXTEENTH AVE 253-11 N
Clement. Two-story and basement
frame (2) flats.

Owner.....Elizabeth Peterson, 765
11th Ave., San Francisco.

Architect.....None.
Contractor.....Gustav Peterson, 765 11th
Ave., San Francisco.

COST, \$4600

ADD TO BUILDING

(3426) NO. 1647 POST. Alter and add
to building.

Owner.....Mrs. E. Huquette, Belmont,
San Mateo Co., Cal.

Architect.....Y. Ishi, 1675 Post, S. F.

Contractor.....S. Hildishina, 1647 Post,
San Francisco.

COST, \$400

FRAME DWELLING

(3427) W FLORA 275 S Bay View.
One-story and basement frame dwlg.
Owner.....John McSherry, 1365 Shafter
Ave., San Francisco.
Architect...None.
Contractor...J. L. Sharman, 1454 Shafter
Ave., San Francisco.
COST, \$550

FRAME BUILDING

(3428) N BUSH 102-6 E Hyde E 35 N
187-6 W 61-6 S 40 E 17 S 26 E 9-6 S
121-6. All work except heating, electrical
work and painting for three-story
and basement frame building
(additional wing to nurses' home.)
Owner.....St. Francis Hospital Co.,
cnn., Premises.
Architect...Alfred I. Coffey, Humboldt
Bank Bldg., S. F.
Contractor...Higginson Co., Humboldt
Bank Bldg., S. F.
Filed Oct. 10, '14. Dated Sept. 24, '14.
Basement walls up, east bulk-
head wall up and 1st story joists
set\$2000.00
Frame up and brick veneer on 2000.00
Sash set and glazed and inside
plastering completed 2000.00
Completed and accepted..... 2861.25
Usual 35 days..... 2953.75
TOTAL COST, \$11,815.00
Bond, \$5908. Surety, U. S. Fidelity &
Guaranty Co. Limit, 130 days. Forfeit,
\$10. Plans and specifications filed.

FRAME RESIDENCE

(3429) E MISSOURI 150 N 20th N 25x
E 100. All work for two-story and
basement frame residence.
Owner.....Daniel Counihan, 1801 18th,
San Francisco.
Architect...H. C. Baumann, 605 Chronicle
Bldg., San Francisco.
Contractor...G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Filed Oct. 10, '14. Dated Oct. 5, '14.
Frame up and rustic on.....\$737.50
Plastering completed 737.50
Completed and accepted..... 737.50
Usual 35 days..... 737.50
TOTAL COST, \$2950.00
Bond, \$1475. Sureties, Benj. F. Suel-
flood and J. B. Bourdieu. Limit, 90 days
Forfeit, \$5. Plans and specifications
filed.

ALTERATIONS AND ADDITIONS

(3430) NO. 1919 CALIFORNIA; S Calif-
ornia 137-6 W Gough W 137-6x8
137-6. Alterations and additions to
garage and servants' quarters at resi-
dence.
Owner.....M. H. De Young, Premises.
Architect...L. B. Dutton, Chronicle
Bldg., San Francisco.
Contractor...Daniel O'Neill, 278 Natoma,
San Francisco.
Filed Oct. 10, '14. Dated Oct. 10, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1400
Bond, \$700. Surety, Globe Indemnity Co.
Limit, none. Forfeit, \$25. Plans and
specifications filed.

ROAD WORK

(3431) N ½ MONTEREY BLVD., bet.
Junipero Serra Blvd, Santa Clara
Ave and on S ½ Monterey Blvd from
E Balboa to Santa Clara Ave. Pavement
on roadway of N ½.
Owner.....Westgate Park Company.
Architect...None.
Contractor...City Street Improvement
Co., 166 Geary, S. F.
Filed Oct. 10, '14. Dated Oct. 9, '14.

Paid on completion
COST, 16½¢ per sq. ft. for 6 in. con-
crete and 2 in. asphalt surface and 9½¢
per sq. ft. for 6 in. concrete founda-
tion without asphalt.
Bond, \$3350. Surety, United States Fi-
delity & Guaranty Co. Limit, 90 days.
Forfeit, none. Plans only filed.

INCORPORATIONS.

Associated Advertising Agencies of
the Pacific Coast. To create and de-
velop community and associational ad-
vertising on the Pacific Coast. Capital
Stock, \$10,000; 10,000 shares at \$1 each;
amount subscribed, \$5. Place of busi-
ness, San Francisco. Directors—L.
Honig, S. P. Johnston, H. Fulton, Jr.,
F. H. Lynch and Wm. F. Sawyer, 1
share each.

Farmers' Service Bureau. To deal
in agricultural implements, supplies
and machinery. Capital Stock, \$10,000;
1000 shares at \$10 each; amount sub-
scribed, \$70. Place of business, San
Francisco. Directors—A. J. Street, L.
H. Bell, N. B. Ellery, H. R. Broden, C.
Dye, J. E. Willey and G. C. Colden, 1
share each.

Wonderland Mines Company. General
Mining and Milling Business. Cap-
ital Stock, \$50,000; 50,000 shares at
\$1 each; amount subscribed, \$15. Place
of business, San Francisco. Directors
—L. F. Johnson, H. F. Edwards and
Rees P. Daniels, 5 shares each.

Alco Film Corporation of California.
To deal in films for moving pictures.
Capital Stock, \$15,000; 1500 shares at
\$10 each; amount subscribed, \$50.
Place of business, San Francisco. Di-
rectors—S. L. Lesser, H. G. Meyer, E.
Salomon, J. Samuels and O. Samuels,
1 share each.

Braidwood Realty Company. To deal
in real estate. Capital Stock, \$10,000;
1000 shares at \$10 each; amount sub-
scribed, \$30. Place of business, San
Francisco. Directors—R. J. Cross, J.
E. Cross and G. V. Lomax, 1 share each.

Kerman Live Stock and Farm Com-
pany. General farm and real estate
business. Capital Stock, \$50,000; 500
shares at \$100 each; amount subscribed
\$500. Place of business, San Francisco.
Directors—J. Talt, R. Green, V. Rou-
merte, A. S. Weiss, D. Zelinsky and I.
Freeman, 1 share each.

Pacific Coast Barium Co. To deal
on commission in crushed rock, barium
compounds, etc. Capital Stock, \$100,-
000; 1000 shares at \$100 each; amount
subscribed, \$500. Place of business,
San Francisco. Directors—E. E. Smith,
F. J. Whiting, R. B. Putnam, I. Magnes
and A. Conetanter, 100 shares each.

Santa Margarita Land and Cattle
Company. To do a general cattle and
farming business. Capital Stock, \$1,-
000,000; 10,000 shares at \$100 each;
amount subscribed, \$500. Place of
business, San Francisco. Directors—J.
Sontag, Wm. B. Reis, I. R. Sontag, C.
R. Huie and W. H. T. Huie, 1 share
each.

National Manufacturing Company. To
manufacture and deal in machinery of
all kinds. Capital Stock, \$75,000; 7500
shares at \$10 each; amount subscribed,
\$50. Place of business, San Francisco.
Directors—C. H. Holt, J. P. Lavelle, J.
H. Rice, L. A. Fitzgerald and J. S.
Kellogg, 1 share each.

The Soko Club. Social. No Capital.
Place of business, San Francisco. \$1.00
membership fee. 7 directors.

Omnes Publishing Company. General
publishing business. Capital Stock,

\$5,000; 2500 shares at \$20 each.
Amount subscribed, \$500. Place of
business, San Francisco. Directors—
W. Davis, R. R. Henderson, 1 share
each, A. Wallace, 40 shares.

Sonora Phonograph Company. To
generally deal in talking machines
and records for same. Capital Stock,
\$75,000; 7500 shares at \$10 each;
amount subscribed, \$2100. Place of
business, San Francisco. Directors—
F. M. Steers, E. B. Folsom, F. Moulin,
10 shares each; F. B. Travers, C. H.
Coffey and J. B. Coffey, 30 shares each.

Albert Cerf Investment Co. To deal
in real estate. Capital Stock, \$25,000;
25,000 shares at \$1 each; amount sub-
scribed, \$5. Place of business, San
Francisco. Directors—M. Cerf, A. E.
Cerf, B. M. Cerf, E. M. Cerf, Estelle M.
Cerf, 1 share each.

Philip Fishman Co., Inc. To man-
ufacture wearing apparel for ladies,
men and children. Capital Stock, \$10,-
000; 1000 shares at \$1 each; amount
subscribed, \$2001. Place of business,
San Francisco. Directors—P. Fish-
man, I. Burkheim, M. P. O'Neill, R.
Birnback 500 shares each; A. Fanger,
1 share.

California Citrus Products Company.
To manufacture and market citrus
products. Capital Stock, \$1,000,000;
1,000,000 shares at \$1 each; amount
subscribed, \$100. Place of business,
San Francisco. Directors—C. E. Burke,
D. E. Fogg, J. E. Graves, H. Weinber-
ger, 70 shares each; H. G. McMahon, C.
E. Ryan, 5 shares each; J. T. Overbury,
10 shares.

Dear Investment and Insurance
Agency. To handle insurance and real
estate and to contract for advertising.
Capital Stock, \$75,000; 75,000 shares at
\$1 each; amount subscribed, \$5. Place
of business, San Francisco. Directors—
C. J. Norwood, F. Lynn, F. Farnoch-
chia, J. V. Powers and H. C. Catlin, 1
share each.

First Funds Company. To deal in
real estate and loan money. Capital
Stock, \$25,000; 250 shares at \$100 each;
amount subscribed, \$500. Place of
business, San Francisco. Directors—
J. L. McNab, C. J. Wood, J. R. Long,
R. M. Reid and T. Healy, 1 share each.

PARTNERSHIPS.

T. W. McClenahan, J. W. Clarke as
T. W. McClenahan & Co.
J. I. Mitrovich as J. I. Mitrovich
Building Co.

Frank Davison, Wm. Pearce as Acme
Plumbing Company.

M. J. Kochman, A. Mortensen as M.
J. Kochman & Co.

CERTIFICATE OF ARCHITECTURE.

Ernest L. Norberg has filed his cer-
tificate of architecture for San Francisco
County. Filed Oct. 7, 1914.

BUILDINGS ERECTED SINCE THE FIRE.

Report Compiled By Board of Public
Works Show 52,867 Buildings at
\$200,165,361.

A report compiled from the Records
of the Bureau of Building Inspection of
the Board of Public Works show that
from May, 1906, to September 30th, 1914,
there was \$260,165,561 invested in
building operations throughout the
city and county. Of this amount \$241,-

Get It From Bacon



"A Mix a Minute"
BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations,
bridges, walls, culverts, etc.

—O—
The Best in Contractors Equipment

—O—
EDWARD R. BACON COMPANY

38-40 NATOMA STREET

Telephone Sutter 1675

San Francisco

SCHRADER
INC. **IRON**
WORKS

Structural Steel Contractors

Works at
HARRISON ST.,
bet. 8th & 9th
San Francisco

Telephone Market 337

\$501,168 was spent in the erection of
28,843 new buildings.

The following is a complete and
segregated list of figures, as compiled
by the Bureau:

Class	No. Bldgs.	Amount
Class "A"	176	\$ 33,355,004
Class "B"	200	11,731,186
Class "C"	2766	82,350,568
Frames	25628	97,359,470
Alterations	24021	18,661,493
Exposition Bldgs.	65	3,427,277
Public Bldgs.	8	4,277,663
Total	52867	\$260,165,661

CONTRACTS AWARDED BY THE BOARD OF PUBLIC WORKS.

J. H. O'Brien for installing under-ground conduit in the Fire Alarm Station at \$3,115.50; Butte Engineering and Electric Company for the installation of switchboards in the Fire Alarm Station at \$7,322.13; General Electric Company for the installation of dynamos in the Fire Alarm Central Station at \$928.00.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Oct. 1, 1914—SW ELEVENTH AVE and Anza. Alfred T Morris to whom it may concern...Sept. 30, 1914
Oct. 1, 1914—E JONES 125 N Lombard N 25xE 137-6. P Bacigalupi to G Caranza & Bro and A CurranSeptember 23, 1914
Oct. 1, 1914—SE MARKET 375 SW Third SW 25xSE 100. P Berges, Jeanne, Juliette H. Henry J and Alice Berger and Eugenie B Muller to C D Rankin Constr Co. Sept. 26, '14
Oct. 2, 1914—E SIXTEENTH AVE 180-3 N Clement N 26x135. Jeanette Yates to whom it may concern...Sept. 30, 1914
Oct. 2, 1914—LOT 12 BLK 18 Alfred's Sub Bldgs 17 and 18 West End Map No. 1. Watson A Titus to whom it may concern...Oct. 2, 1914
Oct. 2, 1914—LOT 13 BLK 8, De Boom Tct. Andrew Olsen to C W HansenSept. 26, 1914
Oct. 2, 1914—E DIAMOND 25-6 N 28th

25x105; No. 1543 Diamond. Francis Beldon to whom it may concern...Sept. 26, 1914
Oct. 2, 1914—N JACKSON 137-6 E Maple E 67-6 N 170 W 67-6 S 162. Alfred Sutro to J Harold Johnson and Harry G Graper...Oct. 2, 1914
Oct. 2, 1914—E MISSION 75-1½ N 22nd E 122-6 N 30-5½ W 123 m or l S 23-0½. Jens P Nissum to whom it may concern...Oct. 1, 1914
Oct. 2, 1914—S MINNA 125 W 8th S 80xW 25. P S O'Rourke to Walker Props...Oct. 1, 1914
Oct. 2, 1914—E COLLINS 125 S Point Lobos Ave S 25xE 120. Mary A Ashurst to J D Bell...Oct. 2, 1914
Oct. 3, 1914—S CHESTNUT 47 E Dupont E 48-9 S 120 W 25-9 N 48 W 13 N 72. J D Brown to Johnston & Co...Oct. 2, 1914
Oct. 3, 1914—E TWENTY-SECOND Ave 200 N California N 25xE 120. James Welsh to James Welsh & Co...Sept. 24, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 100 N Anza N 25xW 120. Thos Hamill to whom it may concern...Sept. 3, 1914
Oct. 3, 1914—SE THIRD AVE AND Hugo. Hazel C Bayles to John D Bayles...Oct. 1, 1914
Oct. 3, 1914—S LOMBARD 137-6 E Powell E 68-9xS 137-6. Hugh McKevitt to Currie & Currie...Oct. 2, 1914
Oct. 3, 1914—SW FRANKLIN AND Washington W 137-6xS 55. Sophie Grannis, extrx Estate Frank R Grannis, dec'd to whom it may concern...Oct. 2, 1914
Oct. 3, 1914—W WHITNEY 575 S 30th S 25xW 125. Fairmount Bldk 26. Mary Krucovsky (wife John) to G Cavaglieri...Oct. 2, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 109 N Anza N 25xW 120. Thos Hamill to whom it may concern...Oct. 3, 1914
Oct. 5, 1914—BELCHER NOS. 29, 31, 33 and 35. Dora Brady and Aaron Bercovitz to F A Klein...Sept. 28, 1914
Oct. 5, 1914—W SEVENTEENTH AVE 255-11 N Clement N 25xW 120. Michael Costello to whom it may concern...Oct. 5, 1914
Oct. 5, 1914—LOT 22 BLK "E" Add'n to Castro Street Add'n and Glen Park Terrace. Hans Heiser to whom it may concern...Oct. 2, 1914
Oct. 5, 1914—N LAKE 25 E 17th Ave E 27-6xN 71-6. Jeanette G Meyerfeld to G G Moren...Sept. 26, 1914
Oct. 5, 1914—E CAPITOL AVE 137-6 S Grafton S 37-6xE 112-6, being Lot 23 and S ½ Lot 24 Blk 13, Lakeview Frank P and Mary Rescho to A Merlin...Oct. 2, 1914
Oct. 5, 1914—LOT 2 BLK 36, Crocker Amazon Tract. John H Nelson to whom it may concern...Oct. 3, 1914
Oct. 5, 1914—NW POWELL AND Sutter N 112-6xW 77-6. W F Perkins and H O Trowbridge to Ralph McLeran & C H Peterson...Sept. 30, 1914
Oct. 5, 1914—E SIXTEENTH AVE 60 N Judah 25x100. Joseph Mignola to whom it may concern...Sept. 29, 1914
Oct. 5, 1914—E HOLLIS 90 N Ellis 23 x65. Jacob Ladenheim and Morris Kugelmann to John Ratto, Inc...Sept. 25, 1914
Oct. 6, 1914—N BROADWAY 68-9 W Webster W 118-8xN 275. James L Flood to California Artistic Metal & Wire Co...Sept. 26, 1914
Oct. 6, 1914—W TWENTY-FIFTH Ave 125 S Geary S 25 W 84 NW

25 m or 1 E 86-7 being Lot 6 Blk 259, Homestead Union. Joseph C Kirby to whom it may concern...
 Oct. 6, 1914—E THIRTY-FIFTH AVE 25 N Anza N 75xE 95. Leigh & Schultz to whom it may concern...
 Oct. 6, 1914—SE GEARY & TAYLOR S 137-6xE 87-6. CHET Realty Co to N Clark & Sons...
 Oct. 7, 1914—BROADWAY No. 2517. Latham McMullin to Daniel O'Neill...
 Oct. 7, 1914—E THIRTEENTH 80 N Harrison. Wm Y Lawton to Chas G Adams...
 Oct. 7, 1914—NW VAN NESS AVE & Chestnut W 125.8 m or 1 S 206.1 m or 1 W 1124.8 S to N Lombard th along N Lombard to W Lyon N to S shore of Bay of S F, E to W Van Ness Ave S to beg, excepting ptn U. S. Government Fort Mason Reserv. lying N of Fort Mason as same is now existing, excepting also Blks 249 and 250, Harbor View Add'n. Panama-Pacific International Exposition Co to G R Boller...
 Oct. 7, 1914—N CLAY 50 W Mason 29-6x120. Rosa Arata to J Salanave...
 Oct. 7, 1914—E COMMONWEALTH AVE 298.67 N Geary N 40 E 159.14 to a point on a line drawn parallel with W Parker Ave 120 W Parker Ave S 39.16 W 5 0-6 3/4 W along a line drawn through pt of beg at right angles to E Commonwealth Ave 158.20. Jeannette A Jordan to L V Riddle...
 Oct. 7, 1914—E NINTH AVE 225 N Fulton N 25xE 120. Joseph A De La Fontaine to J Harold Johnson...
 Oct. 8, 1914—W NINETEENTH AVE 150 S Anza S 50xW 120. Wilhelmina Bahrs to whom it may concern...
 Oct. 8, 1914—NE SIXTEENTH AND Mission N 260xE 240. Henry Investment Co to H S Tittle...
 Oct. 8, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris Hyman, Joseph, Julia Hyman, Theresa Stone, Emilie Baruch and Henry W Hyman Estate to Malott & Peterson...
 Oct. 8, 1914—S CALIFORNIA 107-6 W 24th Ave W 25xS 100. W A Smith to Thos Hamill...
 Oct. 8, 1914—NE SIXTEENTH AND Mission N 260xE 240. Henry Investment Co to C W and H F Wagner...
 Oct. 8, 1914—S PACIFIC AVE 32-6 E Walnut E 100xS 127-8 1/4. Katherine P Hooker to John Foster...
 Oct. 8, 1914—THE EMPORIUM on S Market, bet 4th and 5th. The Emporium, lessee to J R Wilson and Jas T Ludlow...
 Oct. 8, 1914—N PACIFIC 114-6 W Hyde W 22xN 87-6. A C Lomelino to J W Lomelino...
 Oct. 9, 1914—S O'FARRELL 120 E Van Ness Ave E 52-6xS 120. Martin S Show to T E Davis & Son...
 Oct. 9, 1914—E MISSION 215 S 16th S 25xE 105. David Jacobs to Schroder & McIntosh...
 Oct. 9, 1914—Lot 2 BLK 24 Crocker Amazon Tract. Abraham Arenson to whom it may concern...
 Oct. 9, 1914—LOT 432 Gift Map No. 2. Charles W Anderson to whom it may concern...
 Oct. 9, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Mangrum & Otter...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. M Bertolino vs David and Cathie, Philipelli, Henry W Jansen, Peter J M and Andrew Bertelson...
 Oct. 9, 1914—W MISSIOW AVE 120 W Mission W 25xN 100. R W Kinney Co vs Nils Jacobson and Axel Davis...
 Oct. 9, 1914—W MISSION 75 N Santa Rosa Ave N 25xW 100. R W Kinney vs Jacques Narbebury and Axel Davis...
 Oct. 9, 1914—N ROLPH 51 E Paris E 25xN 100. R W Kinney Co vs Rose Kirk, A Olson and Axel Davis...
 Oct. 9, 1914—N ROLPH 79 E Paris E 25xN 100. R W Kinney Co vs Rose Kirk, A Olson and Axel Davis...
 Oct. 9, 1914—S MISSION & GENOVA Ave SE 55.102 SW 50 NW 96.66 NE 50.28. R W Kinney Co vs V Bolchell J I Mitrovich and Axel Davis...
 Oct. 9, 1914—N MOHAWK AVE 145 W Mission W 25xN 100. R W Kinney Co vs Nils Jacobson and Axel Davis...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Dave Jacoby vs J J and Mary E Silvey and P J Durham...
 Oct. 9, 1914—S HAYES 165 W Laguna W 27-6xS 45. Joost Bros vs J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Joost Bros vs J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. A Lettich, 249.10, M A Eichler, 116 vs F J Durham, J J and Mary E Silvey...
 Oct. 9, 1914—N MARIPOSA 50 W Potrero Ave W 50xN 100. G Cavaglieri vs The John Center Co, Gus and Minna Heier...
 Oct. 9, 1914—NW POTTERIA AVE & Mariposa N 100xW 50. G Cavaglieri vs The John Center Co, Gus and Minna Heier...
 Oct. 9, 1914—NW ATTENS 150 NE Brazil NW 100xNE 50. Reinhardt Lumber & Planing Mill Co vs Gottfried Hillblom and Carl A Johnson...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. M H Gnecco, 220; E A Howard, 146.37; C J Hillard Co, 1150 vs F J Durham, J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Herman J Axi vs James J, Mary E Silvey and Paul L Andra...
 Oct. 9, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. G Pianchini vs Eisenbach Co and The General Bldg Work Co...
 Oct. 9, 1914—E TWENTY-SECOND AVE 170 N Anza N 25xE 120. J H Kruse vs L Mollath...
 Oct. 9, 1914—SW POWELL AND Broadway W 100xS 93-6. Mark Lally Co vs Katie Grim, Kate Wetmore, Geo J Panario, C A Jeffers, L Lomelino and C Marchi...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Herbert A Norman (as F G Norman & Sons) vs David and Catherine Philipelli, Henry W Jansen, Peter J M and Andrew Bertelson...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Mangrum & Otter vs F J Durham...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Mangrum & Otter vs H W Jansen...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Akard Door Opener vs H W Jansen, David and Catherine Philipelli, Rose and John Doe Getz...
 Oct. 9, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. Al Johnson and A Lawson (as Western Woodworking Co) vs Rose M McGough and Lincoln U Grant...
 Oct. 9, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. Arden Plaster Co vs Eisenbach Co and J J Philbin...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. B Winter vs F J Durham...
 Oct. 9, 1914—E GRANT AVE 77-6 N Bush E 50xN 30. J Picconi vs Herman Heskins, The McMullin von Voorhies Co (or McMullin & von Voorhies) Co...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. J Jacobsen vs David and Cathie, Philipelli, Henry W Jansen, Peter J M and Andrew Bertelson...
 Oct. 9, 1914—N PAGE 154 E Lyon E 27-6xN 137-6. N Clark & Sons vs Rosa M McGough and Lincoln U Grant...
 Oct. 9, 1914—COMG 75 N LOMBARD and 137-6 W Larkin W 68-9xN 30. Cazzaretto & Co vs James and Annie Meares and Western Union Home Bldrs, Inc...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Mangrum & Otter, Inc vs F J Durham, J J and Mary E Silvey...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. Mangrum & Otter vs Henry W Jensen, David and Cathie, Philipelli, Peter J M and Andrew Bertelson...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement W 120xN 25. Daniel J Brennan vs David and Cathie, Philipelli and Henry W Jansen...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. J W Schouten Co vs F J Durham, J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 160 W Laguna W 27-6xN 45. W F Porter vs J J and Mary E Silvey...
 Oct. 9, 1914—N PACIFIC AVE, bet Laguna and Buchanan; No. 2118 Pacific Ave. Fred T Knoles vs J C Wilson...
 Oct. 9, 1914—W NINETEENTH AVE 100 N Clement 25x100. Duncan Cameron vs David and Catherine Philipelli and Henry W Jansen...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. M Bertolino vs David and Cathie, Philipelli, Henry W Jansen, Peter J M and Andrew Bertelson...
 Oct. 9, 1914—W MISSION AVE 120 W Mission W 25xN 100. R W Kinney Co vs Nils Jacobson and Axel Davis...
 Oct. 9, 1914—W MISSION 75 N Santa Rosa Ave N 25xW 100. R W Kinney vs Jacques Narbebury and Axel Davis...
 Oct. 9, 1914—N ROLPH 51 E Paris E 25xN 100. R W Kinney Co vs Rose Kirk, A Olson and Axel Davis...
 Oct. 9, 1914—N ROLPH 79 E Paris E 25xN 100. R W Kinney Co vs Rose Kirk, A Olson and Axel Davis...
 Oct. 9, 1914—S MISSION & GENOVA Ave SE 55.102 SW 50 NW 96.66 NE 50.28. R W Kinney Co vs V Bolchell J I Mitrovich and Axel Davis...
 Oct. 9, 1914—N MOHAWK AVE 145 W Mission W 25xN 100. R W Kinney Co vs Nils Jacobson and Axel Davis...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Dave Jacoby vs J J and Mary E Silvey and P J Durham...
 Oct. 9, 1914—S HAYES 165 W Laguna W 27-6xS 45. Joost Bros vs J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. Joost Bros vs J J and Mary E Silvey...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. A Lettich, 249.10, M A Eichler, 116 vs F J Durham, J J and Mary E Silvey...
 Oct. 9, 1914—N MARIPOSA 50 W Potrero Ave W 50xN 100. G Cavaglieri vs The John Center Co, Gus and Minna Heier...
 Oct. 9, 1914—NW POTTERIA AVE & Mariposa N 100xW 50. G Cavaglieri vs The John Center Co, Gus and Minna Heier...
 Oct. 9, 1914—NW ATTENS 150 NE Brazil NW 100xNE 50. Reinhardt Lumber & Planing Mill Co vs Gottfried Hillblom and Carl A Johnson...
 Oct. 9, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. M H Gnecco, 220; E A Howard, 146.37; C J Hillard Co, 1150 vs F J Durham, J J and Mary E Silvey...
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 Oct. 9, 1914—E TWENTY-SECOND AVE 170 N Anza N 25xE 120. J H Kruse vs L Mollath...
 Oct. 9, 1914—SW POWELL AND Broadway W 100xS 93-6. Mark Lally Co vs Katie Grim, Kate Wetmore, Geo J Panario, C A Jeffers, L Lomelino and C Marchi...
 Oct. 9, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. M Bertolino vs David and Cathie, Philipelli, Henry W Jansen, Peter J M and Andrew Bertelson...
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Owner, Dr. Ayres. The building will be erected at the corner of 14th and Oak streets and has been designed to contain a number of two and three room suites. Interiors will be finished in pine and elm. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$30,000. Berkeley, Alameda Co., Cal. Architect, Leonard H. Ford, 2136 Center street, Berkeley. Owner's name withheld. The building will be erected on Euclid avenue at the corner of Ridgeway, and has been designed to contain twenty-one apartments of two and three rooms. Interior finish will be of pine and hardwood veneer with hardwood floors in the principal rooms. Plans provide for steam heat and a hot water supply. Wall beds and private baths are also specified. Entrance will be finished in marble. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

WAREHOUSE—2 story and base, brick, \$15,000. Oakland, Cal. Architect, Alvin J. Stern, 1542 Broadway Oakland. Owner's name withheld. The building will be erected on 19th street between Telegraph and San Pablo, and will cover a considerable ground area. Construction will be of the mill type. No interior finish will be used. Exterior of the building will be faced with brick. Plans are complete and figures are now being taken by the architect.

SEATING FOR MUNICIPAL AUDITORIUM—Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Oakland. Owners, City of Oakland. Bids will be opened on October 15th for furnishing and installing the seats in the new Oakland Auditorium. Plans and specifications can be secured from J. J. Donovan, Supervising Architect.

OLD PEOPLE'S HOME—3 story and base, brick and reinforced concrete, \$50,000. Oakland, Cal. Architect, Oscar Haupt, Phelan Bldg., S. F. Owners, California German Altenheim. This work has been mentioned here before when plans were first started. The building will be in the nature of an addition to the present group of buildings and will be of similar design and construction. The work will include a steam heating system, hot water supply and vacuum cleaning. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

SANITARIUM—2 story and base, frame, \$7,000. Oakland, Cal. Architects, Elite Planners, 1511 5th avenue, Oakland. Owner, W. N. Downey, 219 Sunnyside avenue. The building will be erected on East 5th avenue between 5th and 10th streets. There will be a total of twenty-five private rooms, general office and large sun parlor. Interior finish will be of pine and hardwood. There will be a central heating system and open fire places. Modern hospital plumbing will be installed. Bath rooms will be finished in tile. Ex-

terior of the building will be covered with shiplap. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architects, Oliver & Thomas, Pantages Theatre Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Piedmont by the Lake, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BUNGALOW—1 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, H. P. Smith, Blake Bldg., Oakland. Owner, J. F. Wilson. The dwelling will be erected on Taylor avenue, and has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$1,500. Architeca, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. E. Pinger, 1547 Shattuck avenue, Berkeley. The dwelling has been designed for a ten-room house, and will be erected on the north side of Rose street east of Arch. Interior finish will be of Pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$7,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. F. R. Jordan. The dwelling will be erected on Lake Shore avenue near Walavista, and has been designed for an eight-room house with three baths and sleeping porch. Interior finish will be of pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used throughout. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$3,000. Oakland, Cal. Architect, C. H. Miller, Dalziel Bldg., Oakland. Owner, Mr. Ridguez. The dwelling has been designed for a six-room house and will be erected in Havenscourt Terrace. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic

water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BUNGALOW—1½ story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Louis O. Hanson, 3211 Ellsworth street, Berkeley. The dwelling will be erected on Fresno street south of Monterey, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire place. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2429	Flittner	Owner	1850
2430	Glani	Valente	2000
2431	Larsen	Larsen	1800
2442	Hollidge	Hollidge	2500
2443	Same	Same	2500
2446	Evans	Hopper	2150
2447	Logan	Prang	3350
2452	Chamberlain	Owner	1950
2453	Brown	Brown	2500
2454	Gladding	St. Mary	1000
2455	People	Hancock	3000
2456	People	Hunter	500
2457	Schmidt	Walker	400
2458	Gregory	Champlay	400
2459	Alder	Alder	1600
2460	Eyer	Malick	1000
2462	Welsh	Welsh	1900
2463	Lewis	Smith	1800
2464	Lewis	Lewis	1800
2465	S. P.	Harris	650
2466	Creever	Getty	400
2476	Michael	Legault	1100
2478	Stand Chem	Owner	500
2479	Martin	Crow	3200
2480	Brush	Brush	500
2481	Olson	Olson	2000
2482	Murdoch	Higgins	1000
2483	Gross	Armstrong	400
2484	Dagggett	Dagggett	2500
2485	Barker	Baccus	1225
2487	Downey	Downey	6500
2490	Sisters	Baccus	1000
2492	Anderson	Van Zandt	400
2493	Mori	Carlsen	1000
2494	Bradbury	Bradbury	400
2495	Pitvel Domet Ref.	Owner	500
2496	Linen	Rubenstein	500
2497	Fuller	Lodge	1740

DWELLING

(2439) E THIRTY-FIFTH AVE 300 S
E-15th, Oakland. One-story 5-room dwelling.

Owner, Valentine Flittner, Panama Iowa.

Architect, None.
Contractor, Jos. Flittner, 1700 35th Ave., Oakland.

COST, \$1850

DWELLING

(2440) W WEST 26 N 41st, Oakland.
One-story 5-room dwelling.

Owner, Umberto Glani, Oakland.

Architect, None.
Contractor, M. E. Valente, 5882 Valjejo, Oakland.

COST, \$2000

DWELLING

(2441) NO. 3245 ELMWOOD AVE., Oakland. One-story 5-room dwlg.

Owner, R. K. Larsen, 3241 Elmwood Ave., Oakland.

Architect, None.
Day's work.

COST, \$1800

DWELLING
(2442) N MANILA 240 E College, Oakland. One-story 5-room dwelling.
Owner.....Geo. H. Hollidge, 5742 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2443) N MANILA 200 E College Ave., Oakland. One-story 5-room dwlg.
Owner.....Geo. H. Hollidge, 5742 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2446) W MONTGOMERY 200 S John, Oakland. One and one-half-story 6-room dwelling.
Owner.....E. Evanis, 4237 Montgomery, Oakland.
Architect...None.
Contractor...M. E. Hopper & Sons, 90 Glen Ave., Oakland.
COST, \$2150

DWELLING
(2447) W PARK BOULEVARD 250 N El Centro, Oakland. One-story 7-room dwelling.
Owner.....J. L. Logan, Oakland.
Architect...None.
Contractor...C. J. Pfirang, 5487 Claremont Ave., Oakland.
COST, \$3350

DWELLING
(2452) N FORTY-SIXTH 115 E West, Oakland. One-story 5-room dwlg.
Owner.....W. H. Chamberlain, 1036 73rd Ave., Oakland.
Architect...None.
Day's work. COST, \$1950

DWELLING
(2453) W THIRTY-FIFTH AVE 50 S Harper, Oakland. One-story 6-room dwelling.
Owner.....W. C. Brown, 1624 64th Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2454) S PEACH 200 E 92nd Ave., Oakland. One-story 4-room dwelling
Owner.....Mrs. F. S. Gladding, 2132 92nd Ave., Oakland.
Architect...None.
Contractor...Joe St. Mary, 2220 92nd Ave., Oakland.
COST, \$1000

DWELLING
(2455) W PARK BOULEVARD 100 N Hampel, Oakland. One-story 5-room dwelling.
Owner.....Eleanor M. Kerr, Sebastopol.
Architect...None.
Contractor...Hancock & Vaughan, 3330 Park Boulevard, Okd.
COST, \$2000

ALTERATIONS
(2456) NO. 163 FIFTH, Oakland. Alterations.
Owner.....Peoples' Water Co., 9th & Broadway, Oakland.
Architect...None.
Contractor...G. A. Hunter, 9th & Broadway, Oakland.
COST, \$500

ALTERATIONS
(2457) NO. 427 TWELFTH, Oakland. Alterations.

Owner.....C. E. Schmidt, Premises.
Architect...None.
Contractor...T. G. Walker, 566 4th, Okd
COST, \$400

GARAGE
(2458) NO. 850 CALMAR AVE., Oakland. Garage.
Owner.....Miss J. Gregory, Premises
Architect...None.
Contractor...Champley Bros.
COST, \$400

DWELLING
(2459) W SIXTY-SECOND AVE 160 N Avenal Ave., Oakland. One-story four-room dwelling.
Owner.....A. Alder, 2487 62nd Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

DWELLING
(2461) E NINETY-FOURTH AVE 75 S Olive, Oakland. One-story 4-room dwelling.
Owner.....J. R. Byer, 1950 94th Ave., Oakland.
Architect...None.
Contractor...Malick & Begier, 2000 90th Ave., Oakland.
COST, \$1000

DWELLING
(2462) W KINGSLEY 165 S E-37th, Oakland. One-story 5-room dwlg.
Owner.....E. M. Welsh, 3905 Mera, Oakland.
Architect...None.
Day's work. COST, \$1900

DWELLING
(2463) E EIGHTY-SIXTH AVE 120 N E-14th, Oakland. One-story 5-room dwelling.
Owner.....Lewis & Mitchell, 1520 Broadway, Oakland.
Architect...None.
Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.
COST, \$1800

DWELLING
(2464) E EIGHTY-SEVENTH AVE 160 N Holly, Oakland. One-story 5-room dwelling.
Owner.....Lewis & Mitchell, 1520 Broadway, Oakland.
Architect...None.
Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.
COST, \$1800

ROOFING ON OIL TANKS
(2465) WEST OAKLAND YARD, Oakland. All work for roofing on oil tanks.
Owner.....Southern Pacific Co.
Architect...None.
Contractor...B. S. Harris, 329 Clementina, San Francisco.
Filed Oct. 7, '14. Dated Sept. 30, '14.
15 days after completed and accepted\$488.00
Usual 35 days..... 162.90
TOTAL COST, \$650.90
Bond, none. Limit, 90 days. Forfeit, none. Plans only filed.

SHOP
(2466) E MIDVALE 80 N Kansas, Oakland. Shop.
Owner.....M. Creever, San Francisco.
Architect...None.
Contractor...N. W. Getty, 3864 E-14th, Oakland.
COST, \$400

FRAME DWELLING
(2476) W MAGNOLIA 162 S 30th S 38 XW 132, Oakland. All work for one-story five-room frame dwelling.
Owner.....Henry Michard, 865 27th, Oakland and Mrs. M. Henri Oakland.
Architect...None.
Contractor...Oliver Legault, 3136 West, Oakland.
Filed Oct. 8, '14. Dated Oct. 6, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1100
Bond, none. Limit, 70 days. Forfeit, \$2. Plans and specifications filed.

ALTERATIONS
(2478) TWELFTH AVE & E-11TH, Oakland. Alterations.
Owner.....Standard Chemical Co., Premises.
Architect...None.
Day's work. COST, \$500

DWELLING
(2479) S FIFTY-SIXTH 175 W Telegraph Ave., Oakland. Two-story 8-room dwelling.
Owner.....M. G. Martin.
Architect...None.
Contractor...J. W. Crow, 511 66th, Okd.
COST, \$2200

DWELLING
(2480) W EIGHTY-FIFTH AVE 170 S "A," Oakland. One-story 4-room dwelling.
Owner.....Geo. W. Brush, 1243 85th Ave., Oakland.
Architect...None.
Day's work. COST, \$500

DWELLING
(2481) W SHEFFIELD 154 from Hopkins, Oakland. One-story five-room dwelling.
Owner.....A. E. Olson, 721 10th, Okd.
Architect...None.
Day's work. COST, \$2000

REPAIRS
(2482) NO. 582 THIRTY-FIFTH, Oakland. Repairs.
Owner.....F. Murdock, Cor. 36th and Market, Oakland.
Architect...None.
Contractor...W. H. Higgins, 2477 94th Ave., Oakland.
COST, \$1000

ADDITION
(2483) NO. 345 PERRY, Oakland. Addition.
Owner.....Chas. Gross, Premises.
Architect...None.
Contractor...Chas. Armstrong, 952 28th, Oakland.
COST, \$400

DWELLING
(2484) W HANOVER 160 S Brooklyn, Oakland. Two-story 7-room dwlg.
Owner.....Dr. E. H. Daggett, Clay & San Pablo Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

BRICK GARAGE
(2485) NO. 739 TWENTY-SIXTH, Oakland. One-story brick garage.
Owner.....W. C. Barker, Premises.
Architect...None.
Contractor...Bacuss & Kennedy, 565 16th, Oakland.
COST, \$1925

FRAME SANATORIUM

(2487) E FIFTH AVE, bet. E 8th and E 10th, Oakland. Two-story 25-room frame sanatorium.

Owner.....W. N. Downey, 219 Sunny-side Ave., Oakland.

Architect...Elite Planners, 1844 5th Ave., Oakland.

Day's work. COST, \$6500

ADDITION

(2490) TWENTY-THIRD & HARRISON, Oakland, Addition.

Owner.....Sisters of Holy Name, Premises.

Architect...None.

Contractor...Bacus & Kennedy, 365 16th, Oakland.

COST, \$1000

GARAGE AND ADDITION

(2492) NO. 1070 WARFIELD, Oakland. Garage and addition.

Owner.....A. C. Anderson.

Architect...None.

Contractor...Robt. Van Zandt, 3768 Alhendale Ave., Oakland.

COST, \$400

DWELLING

(2493) W EIGHTY-THIRD AVE 275 N "A," Oakland. One-story 4-room dwelling.

Owner.....Peter G. Mort, Oakland.

Architect...None.

Contractor...O. M. Carlsen, 1456 82nd Ave., Oakland.

COST, \$1000

ALTERATIONS

(2494) NO. 1721 THIRTY-SEVENTH AVE., Alterations.

Owner.....Fred H. Bradbury, 1634 40th Ave., Oakland.

Architect...None.

Day's work. COST, \$400

PLATFORM

(2495) S LIVINGSTON 250 E Livingstone Wharf, Oakland. Loading platform.

Owner.....Pinal Dome & Refining Co Premises.

Architect...None.

Day's work. COST, \$500

ADDITION

(2496) NO. 2335 MARKET, Oakland, Addition.

Owner.....H. Litven, Premises.

Architect...None.

Contractor...K. Rubenstein, 668 6th, Oakland.

COST, \$500

DWELLING

(2497) NW MILLS 105 SE Seminary Ave SE 33XNE 105, Oakland. One-story five-room dwelling.

Owner.....Mrs. Ruth A. Fuller, Okd.

Architect...None.

Contractor...C. F. Lodge, 5471 Princeton, Oakland.

Filed Oct. 10, '14. Dated Oct. —.

Frame up and enclosed..... 1/4

Brown coated..... 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$1740

Bond, none. Limit, 80 days after Oct. 12. Forfeit, \$5. Plans only filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
2438	MacDonald	Owner	450
2444	Kennedy	Madox	3000
2445	Smith	Ahnfeld	4000
2449	Kenne	Wright	450

BUILDING AND INDUSTRIAL NEWS.

2118	Hansson	Hansson	3000
2130	Schmidt	Buskirk	400
2151	Doyle	Sattin	1750
2460	Snell	Porter	2500
2473	Coffage	Thaxter	2500
2474	Peake	Broderick	2950
2475	Andersen	Werner	1675
2477	Roach	Kernan	400
2486	Meuzel	Diggs	2500
2488	Fedderwitz	Nelson	2200
2489	White	Noah	400
2491	Donogh	Montgomery	7900

DWELLING

(2438) E SPAULDING 269 N Dwight Way, Berkeley. One-story three-room dwelling.

Owner.....Geo. A. MacDonald, 1822 Virginia, Berkeley.

Architect...None.

Day's work. COST, \$450

DWELLING

(2444) NE EUCLID & BUENA VISTA, Berkeley. Two-story 5-room dwlg.

Owner.....Mrs. Alma Schmidt-Kennedy.

Architect...Maybeck & White, 35 Montgomery, San Francisco

Contractor...H. I. Maddox, 1915 University Ave., Berkeley.

COST, \$3000

FRAME DWELLING

(2445) SE SHATTUCK & WALNUT, being Lot 1 Blk 1 Map Grand View Terrace, Berkeley. All work for two story frame dwelling.

Owner.....Z. P. Smith, Berkeley Business College, Berkeley.

Architect...Samuel Arnold, 521 Sharon Bldg., S. F.

Contractor...H. Ahnfeld & Son, 3005 King, Berkeley.

Filed Oct. 5, '14. Dated Oct. 3, '14.

Frame up, sheathed and roof on 1/4

Plastering & masonry completed 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$4450

Bond, none. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

DWELLING

(2448) W FRESNO 200 S Monterey, Berkeley. One-story 6-room dwlg.

Owner.....Louis O. Hansson, 3211 Ellsworth, Berkeley.

Architect...None.

Day's work. COST, \$3000

ALTERATIONS AND ADDITIONS

(2449) N OREGON 80 W Telegraph Ave., Berkeley. Alterations and additions.

Owner.....Mrs. Kenne, 2820 Telegraph Ave., Berkeley.

Architect...None.

Contractor...C. Wright, 2246 Fulton, Berkeley.

COST, \$450

ALTERATIONS

(2450) N HASTE 100 W Dana, Berkeley. Alterations.

Owner.....Sophie Schmidt, 2327 Haste, Berkeley.

Architect...None.

Contractor...J. W. Buskirk, 3535 Meadow, Oakland.

COST, \$400

DWELLING

(2451) E NORTHSIDE AVE 300 N Hopkins, Berkeley. One-story four-room dwelling.

Owner.....Howard Doyle, 3051 Hille-gass Ave., Oakland.

Architect...None.

Contractor...H. J. F. Sattin, 2536 Chilton Way, Berkeley.

COST, \$1750

DWELLING

(2460) NW OXFORD & EUNICE, Berkeley. Two-story 6-room dwelling.

Owner.....Mrs. J. E. Snell, 1443 Rockwell, Berkeley.

Architect...None.

Contractor...Porter Bros., 1914 Virginia, Berkeley.

COST, \$2500

DWELLING

(2473) SE WOOLSEY AND COLE, Berkeley. Two-story 6-room dwlg.

Owner.....C. L. Coffage, 3014 Danville, Berkeley.

Architect...None.

Contractor...F. W. Thaxter, 2454 Ashland Ave., Berkeley.

COST, \$2500

DWELLING

(2474) N WARD 180 W Ellsworth, Berkeley. One and one-half-story six-room dwelling.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.

Contractor...W. L. Broderick, 2127 University Ave., Berkeley.

COST, \$2500

DWELLING

(2475) E NINTH 141-2 S Allston Way, Berkeley. One-story 5-room dwlg.

Owner.....Andrew Andersen, 2100 2nd St., San Francisco.

Contractor...Chas. A. Werner, 2416 10th, Berkeley.

COST, \$1000

DWELLING

(2477) E FIFTH 155 N Page, Berkeley. One-story 3-room dwelling.

Owner.....Mrs. Roach, 1415 5th, Berkeley.

Architect...None.

Contractor...H. Kernan, 839 Bristol, Berkeley.

COST, \$500

DWELLING

(2486) N ASHBY AVE 250 W Claremont Ave., Berkeley. Two-story 8-room dwelling.

Owner.....Mrs. Meuzel, 2945 Ashland Ave., Berkeley.

Architect...M. P. Diggs.

Contractor...J. P. Diggs, 2444 Bowditch, Berkeley.

COST, \$3500

DWELLING

(2488) E TENTH 200 N University Ave., Berkeley. One-story five-room dwelling.

Owner.....Geo. Fedderwitz, 10 University Ave., Bkly.

Architect...Eugene K. Martin, 21 Shattuck Ave., Berkeley.

Contractor...Nelson & Carlson, 16 Parker, Berkeley.

COST, \$2500

ADDITION

(2489) NO. 620 LAKE SHORE AV, Berkeley. Addition.

Owner.....Mae White, Premises.

Architect...None.

Contractor...J. Noah, 551 22nd, Oakland.

COST, \$1000

DWELLING

(2491) S TUNNELL ROAD 180 Domingo Ave., Berkeley. Two-story 12-room dwelling.

Owner.....A. O. Donogh, 2213 Shattuck Ave., Berkeley.

Architect...None.

Contractor...W. S. Montgomery, 23 Ward, Berkeley.

COST, \$7500

Alameda.

o.	Owner	Contractor	Amt.
67	Ruf	.....Fish	1800
68	Lions	.....Strang	500
69	Williams	.....Muzzioni	1000
70	Frank	.....Overea	3100
71	Massetto	.....Deluchi	600
72	Powell	.....Powell	1700

WELLING

467) NO. 1132 POST, Alameda. One-story six-room dwelling.
wner.....Walter Ruf, Premises.
rchitect...None.
ontractor..M. H. Fish, 1528 Court, Alameda.

COST, \$1800

LTERATIONS

468) NO. 912 PARU, Alameda. Alter wner.....Carrie Lions, Premises.
rchitect...None.
ontractor..P. N. Strang, 800 Central Ave., Alameda.

COST, \$500

WELLING

469) BANK ALLEY, Alameda. One-story six-room dwelling.
wner.....Mrs. M. Williams, S. F.
rchitect...None.
ontractor..Jos. Mazzini, 1515 Post, Alameda.

COST, \$1000

WELLING

470) NO. 2604 SANTA CLARA AVE., Alameda. One-story 5-room dwlg.
wner.....A. T. Frank, Reno, Nev.
rchitect...Lewis M. Gardner, Phelan Bldg., San Francisco.
ontractor..Carl Overea, Richmond.

COST, \$3100

WELLING

471) BAY FARM ISLAND, Alameda. One-story 2-room dwelling.
wner.....T. Massetto, Alameda.
rchitect...None.
ontractor..P. Deluchi, 99 Wheat St., San Francisco.

COST, \$600

WELLING

472) OAK ST., Alameda. One-story 5-room dwelling.
wner.....Powell Bros., 2708 Harrison, Alameda.

rchitect...None.

COST, \$1700

COMPLETION NOTICES.

ALAMEDA COUNTY

ct. 1, 1914—LOT 158 Map Crocker Highlands, Oakland Tp. Alta Piedmont Land Co vs C A Anderson and B G Larson....Sept. 29, 1914
ct. 1, 1914—PTN N 22 LOT 2 and part S 5 Lot 10 Map Werner Tract, being No. 3192 Adeline St., Bkly. Thomas M Luke to H J Sattin....Sept. 22, 1914
ct. 1, 1914—SW SAN ANTONIO AVE and Chestnut, Ala. Rev J B Praught to A C Wocker....Sept. 16, 1914
ct. 1, 1914—LOT 2 Map Crocker Highlands, Oakland Tp. Pearl Fillmore to C J Krieger, Sept. 21, '14
ct. 2, 1914—W BROADWAY, bet Garnet and 41st, being Nos. 4157-59 Broadway, Okd. Joseph J Costodio to whom it may concern....Sept. 15, 1914
ct. 2, 1914—S LINDA AVE 40 W Lake, Okd. Wm J Clarke by Harry C Knight to Harry C Knight....Sept. 26, 1914
ct. 3, 1914—LOTS 6 AND 7 BLK 1

Map Thousand Oaks Heights, Oakland Tp. J H Spring Co to Spring Constr Co.....Oct. 2, 1914
Oct. 5, 1914—MERCEDES NO. 1052, being Lot 14 Blk 13 Northbrae Tract, Bkly. A Y Skee to whom it may concern.....Oct. 5, 1914
Oct. 6, 1914—E TELEGRAPH AVE and W Broadway N 108.53 NW 36.56 S 194 SE 8.70, Okd. Federal Realty Co to Judge & Stevenson....Oct. 5, '14
Oct. 6, 1914—SW 16 1/2 LOT 14 and NE 16 1/2 Lot 15 Blk 2 Map East Oakland Heights, Okd. Ernest M Welsh to whom it may concern....Completed—
Oct. 6, 1914—N STUART 147 E College Ave, being Lot 4 Blk "A" Map Ptn Prospect Hill Tract, Bkly. Mabel R White to F R Peake Co.....Oct. 5, 1914
Oct. 6, 1914—N FIFTY-SIXTH, being Lot 220 Blk "G" Bowles & Fitzgerald Addn. Althea L Grant to whom it may concern....Oct. 6, 1914
Oct. 7, 1914—LOT 42 and S 5 Lot 41 and N 10 Lot 43 Blk "F" Map Broadway Terrace, Okd. I Kessler to whom it may concern....Oct. 7, 1914
Oct. 7, 1914—SW SIXTEENTH and Clay S 60xW 100, Okd. M Friedman Realty Co to Frederick W Snook.....Oct. 1, 1914
Oct. 7, 1914—SW SIXTEENTH and Clay S 60xW 100, Okd. M Friedman Realty Co to Martin Peterson.....Oct. 3, 1914
Oct. 7, 1914—NW HEARST AVE and Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to H I Kyle.....Oct. 6, 1914
Oct. 7, 1914—LOT 7 BLK 2 Map Colusa Ave Ext., Bkly. F R Peake Co to whom it may concern....Oct. 5, 1914
Oct. 8, 1914—S PTN LOT 6 BLK 4 Amended Map Part La Loma Park and Wheeler Tract, Bkly. Elnora E Fisher to Junk Riddell Investment Co.....Oct. 1, 1914
Oct. 8, 1914—PTN LOTS 22 AND 23 Blk 5 Map 4th Ave Heights, Okd. John Lehman to whom it may concern....Oct. 8, 1914
Oct. 8, 1914—LOT 13 BLK 3 Rock Ridge Place, Okd. Wm M Hatfield to whom it may concern....Sept. 25, 1914
Oct. 8, 1914—SE PARK AVE 634-9 SW Central Ave SE 150-4 1/2 NE 37-6 NW 150-2 1/2 SW 37-6, Ala. J E Van Horn to Flettner & Winlund....Sept. 24, 1914
Oct. 8, 1914—LOT 4 BLK 2 Map Haddon Hill, Okd. Eliza H Montague to Wm Converse.....June 5, 1914
Oct. 9, 1914—TWENTY-SECOND AND Filbert, Okd. Union Ice Co to Andrew Wiklie Co.....Oct. 7, 1914
Oct. 9, 1914—LOTS 5 AND 6 BLK "B" Broadway Terrace, Okd. Jessie B Norton to W A Haynes....Oct. 8, 1914
Oct. 9, 1914—E BROADWAY 52 N Santa Clara Ave N 48x E 63-6, Okd. Louis Johnson to Louis Johnson....Oct. 9, 1914
Oct. 9, 1914—LOT 14 BLK "A" Map Triangle Park Tract, Bkly. Donald P Wingate to H Goranson....Oct. 5, 1914

LIENS FILED.

ALAMEDA COUNTY.

Oct. 2, 1914—PTN LOTS 1, 2 AND 3 lying bet Claremont Ave and Vicente Reserve line, being gore Telegraph and Claremont Aves,

Map Vicente Peralta Reservation Tract, Okd. Pacific Fuel & Ice Material Co vs Anna B Majora, A Torgersen and N J Lindstrom, \$10.10
Oct. 5, 1914—SE PTN LOT 39 BLK 16 Map Boulevard Park, Okd. W M Shelton, \$57; M Soares and J Fernandez (M Soares & Co), \$207.50 vs O M Bullock and Ada F Simpson....Oct. 5, 1914—SE PTN LOT 39 BLK 16 Map Blvd Park, Okd. H F Long, \$115; C G Bush, \$60 Fuller & Dinger, \$410; Ed Maxwell, \$267.50, F F Haub, \$50, E L Thompson, \$65, California Door Co, \$137.55 vs Ada F Simpson, O M Bullock and A F V Real Estate Co.....
Oct. 8, 1914—LOTS 27 AND 28 BLK 75 Kellersberger's Map of Oakland, Okd. Cobbleclick-Kibbe Glass Co vs F A Will, Lulu Will and A A Pike.....\$220.50
Oct. 8, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Wm R Bell vs H K and J C Bowman and Bay City Bldg Co.....\$1264.70
Oct. 8, 1914—LOT 30 BLK 16 Map Boulevard Park, Okd. E L Blackman Co vs Ada F Simpson and O M Bullock.....\$31.80
Oct. 8, 1914—LOT 16 BLK 2 Map No. 3 of Bissell Tract, Okd. W L Taylor vs R J Morrison and W S Zolsky.....\$66.30
Oct. 9, 1914—SE PTN LOT 39 BLK 16 Map Boulevard Park, Okd. Rhodes-Jamieson & Co, \$70.70; Rhodes-Jamieson & Co, \$54.25 vs Ada F Simpson, O M Bullock, M Soares and J Fernandez.....

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications for the construction of a reinforced concrete bridge to be constructed on the Monte Bello road over Stevens creek, have been approved and bids will be taken on November 2nd.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Bids opened by the Board of Supervisors for constructing a reinforced concrete bridge over Los Gatos creek at the Infirmary road show M. E. Kilcourse of San Jose low at \$6,757 on propositions 1 and 2. Otto Schubert was second low at \$6,848 for proposition 1 and \$6,788 for proposition 2. Both bids were taken under advisement.

"BUNGALOW"—1 story and base, frame, \$3,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, R. B. Jones, 11 Fuller avenue, San Jose. The dwelling will be erected on Hartford avenue, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be an automatic water heater. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

STREET WORK, PAVING, ETC.—Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, City Engineer, San Jose. Owners, City of San Jose. The

Mayor and Council at their regular meeting ordered the following street work done. The paving of the street at the corner of First and Almaden avenue, curbs and gutters; 11th street from William to Reed; River, Carlisle to St. Augustine; Pleasant, Carlisle to St. Augustine; Santa Teresa, Martel to Carlisle; Carlisle, Santa Teresa to Pleasant; Carlisle, Pleasant to River; Martel, Santa Teresa to Pleasant; Martel, Pleasant to River; St. Augustine, Teraine to Santa Teresa; Pleasant to River, and Santa Teresa to Pleasant; north side Hobson street, First to Spring; Spencer avenue, Brown to Grant. The City Engineer was directed to prepare map and specifications for the improvement of St. James street, from Third to Seventh, and diagram prepared by him was approved.

SCHOOL—2 story and base, frame, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Thomas Edwards and Ernest Norberg, Bank Bldg., Burlingame. Contractor J. J. Leonard, Phelan Bldg., is taking subfigures on the Burlingame School building, for which he has been officially awarded the contract. The building will cost in the neighborhood of \$25,000, and it is of frame and plaster construction. Mr. Leonard wants subfigures on the following parts of the work: Electric work, blackboards, stair work, glass and glazing, painting, plastering and galvanized iron work.

Contracts Awarded.

STREET WORK—\$12,800. San Mateo, San Mateo Co., Cal. Engineer, City Engineer, San Mateo. Owners, City of Mateo. Contractor, A. G. Raisch, S. F. Contract price, \$12,800.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

BUILDING

LOT 92 Binder Sub. San Jose. All work for building and improvements of every kind and description.

Owner.....L. M. Leddy, San Jose.

Architect...None.

Contractor, E. L. Slaght, 752 S-9th St., San Jose.

Filed Oct. 2, '14. Dated Sept. 22, '14.

Building enclosed\$463.25

2nd coat plaster on..... 463.25

When completed..... 463.25

Usual 35 days..... 463.25

TOTAL COST, \$1853.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

LOT 8 BLK 17 Washington Sub. of Cook and Brnham Sub., San Jose.

All work for frame dwelling.

Owner.....J. Russo, San Jose.

Architect...R. E. Carter, 347 S-10th St., San Jose.

Contractor...R. E. Carter, 347 S-10th St., San Jose.

Filed Oct. 1, '14. Dated Oct. 1, '14.

Frame up\$550

Brown mortar on..... 550

When completed..... 550

Usual 35 days..... 550

TOTAL COST, \$2200

Bond, limit, forfeit, none. Plans and specifications filed.

BRICK GARAGE

FRANKLIN, bet. Lafayette and Washington Sts., Santa Clara. All work for one-story brick garage.

Owner.....V. A. Scheller, 1st National Bank Bldg., San Jose.

Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor...J. O. Thorp, Porter Bldg., San Jose.

Filed Sept. 30, '14. Dated Sept. 28, '14.

Foundation in and brick work 1/2

completed\$1021

Roof foundation ready for gal-

vanized iron 1021

When completed..... 1021

Usual 35 days..... 1021

TOTAL COST, \$4084

Bond, \$2050. Sureties, F. B. and A. L. Hubbard. Limit, 45 days. Forfeit, \$5 per day. Plans and specifications filed.

FRAME COTTAGE

E SIDE OF FIFTH ST. San Jose. All work for frame cottage.

Owner.....Chas. Brehner, 56 Viola Ave., San Jose.

Architect...None.

Contractor...P. J. Schmidt, 1222 Delmas Ave., San Jose.

Filed Oct. 3, '14. Dated Oct. 3, '14.

Frame up\$743.50

1st coat plaster on..... 743.50

When contract completed..... 743.50

Usual 35 days..... 743.50

TOTAL COST, \$2974.00

Bond, \$1487. Sureties, P. J. Schmidt & W. M. Stalker. Limit, forfeit, none. Plans and specifications filed.

COTTAGE

DEVINE AND PLEASANT STS. San Jose. Five-room cottage.

Owner.....Phil Maloney, 45 Prosper, San Francisco.

Architect...None.

Contractor...W. J. Moore, 75 Duane St., San Jose. COST, \$1867

TWO ROOM ADDITION

NO. 165 PIERCE AVE. San Jose. Two-room addition.

Owner.....M. Brodel, Premises.

Architect...None.

Day's work. COST, \$100

COTTAGE

HARTFORD AVE & PALM HAVEN. San Jose. Six-room cottage.

Owner.....L. B. Jones, 11 Fuller Ave., San Jose.

Architect...None.

Day's work. COST, \$2500

BUILDING CONTRACTS.

SAN MATEO COUNTY.

SCHOOL

HOWARD AVE GRAMMAR SCHOOL.

Building, being Lots 9, 10, 11, 12, 13 and 14, Town of Burlingame. All work for school.

Owner.....Burlingame Grammar School Dist., Burlingame.

Architect...Thos. M. Edwards and E. L. Norberg, Burlingame.

Contractor...J. J. Leonard, Phelan Bldg., San Francisco.

Filed Oct. 2, '14. Dated Sept. 8, '14.

2nd floor joists on.....\$3787.50

Ready for all sheathing..... 3787.50

Lathed & ready for plastering 3787.50

Plastering finished 3787.50

Completed and accepted 3787.50

Usual 35 days..... 3787.50

TOTAL COST, \$25212.00

Bond, \$12,625. Surety, The Aetna Accident & Liability Co. Limit, Jan. 15, 1915. Forfeit, \$5. Plans and specifications filed.

GAS HOLDER

LOT NO. 4 Embarcadero Subdivision,

Redwood City. All work for concrete and pile foundation for steel tank gas holder.

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect...None.

Contractor...Duncan-Harrleson Co., Inc., Chronicle Bldg., S. F.

Filed Oct. 6, '14. Dated Oct. 1, '14.

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$10,960

Bond, \$5500. Surety, Massachusetts Bonding & Insurance Co. Limit, 35 working days. Forfeit, none. Plans and specifications filed.

ASSIGNMENT OF BUILDER'S CONTRACT.

SAN MATEO COUNTY.

LOT 7 BLK 9, Crocker Estate Tract,

San Mateo Co., All work for two-story frame building. Owner, L. Rancatori with B. B. Wickersham, contractor; assigned to J. W. Schouten Co by B. B. Wickersham Sept. 24, 1914. Recorded October 1, 1914.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED

Oct. 2, 1914—BLK 7 HANCOCK'S ADDITION to Redwood City. Charles I Rider to Frank J. Zimmerman...

.....Oct. 5, 1914

SANTA CLARA COUNTY.

RECORDED

Oct. 1, 1914—SE FOURTH AND SAN

Salvadore, San Jose. Mrs E A Northam to R E Carter. Sept. 22, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED

Sept. 28, 1914—LOT 3 BLK 36, City of

Palo Alto. G Deean vs R B Ramsay

.....\$118.75

LIENS FILED.

SAN MATEO COUNTY.

RECORDED

Oct. 3, 1914—PTN LOT 4 Valparaiso

Park Tract, Menlo Park. D J Byron vs Academy of the Sacred

Heart and Smyth Bros, Inc....\$72.60

Oct. 7, 1914—LOTS 32, 33 BLK 1 Jene-

vein Shdyn, Redwood City. H W

McCracken vs Mrs John Griffin...\$160

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED

Oct. 3, 1914—PTN LOT NO. 4, Val-

paraiso Park Tract, Menlo Park.

Frank Alberson to Smyth Bros, Inc

C A Ingerson and Academy of the

Sacred Heart\$309.10

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGES—Timber and concrete

Cost not stated. San Rafael, Marin

Co., Cal. Engineer, County Surveyor.

E. H. Williams Chalmer Munday

Munday & Williams
Attorneys-at-LawSpecial Attention Given to Building
Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

an Rafael. Owners, Marin County. Bids were opened at Tuesday's meeting of the Board of Supervisors for constructing two sets of bridges. The Marin Rock Co. were low for bridges Nos. 1, 2 and 3 at \$13,764. O. M. Price was low at \$7,652 for bridges Nos. 5 and 6. A complete list of the bids as opened will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

BRIDGE—Reinforced concrete, \$40,000. Dixon, Solano Co., Cal. Engineer, County Surveyor, Fairfield. Owners, Solano County. Bids will be opened on October 19th for the construction of the Clausen bridge across Putah creek, north of Kidwell ranch, thereby linking the state highways of Yolo and Solano counties. The bridge will have two arch spans, each 150 feet long and 21 feet above the water.

TEMPORARY PAVILIONS—Frame. Cost not stated. Mare Island, Cal. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to the Commandant of the Mare Island Navy Yard for five temporary pavilions to be erected at the Naval Hospital reservation at Mare Island. Each pavilion will be one story. Bids are now being taken and will be opened on October 31st. Plans and specifications together with complete particulars can be secured from the Commandant of the Mare Island Navy Yard. An official proposal appears in another column of this issue.

SCHOOL—1 story, frame, \$2,000. Richmond, Contra Costa Co., Cal. Architect, none. Owners, City of Richmond. Bids will be opened on October 6th by the Board of School Trustees for constructing a kindergarten building. Plans can be secured from the Builders' Exchange at Richmond.

SCHOOL—1 story and base, frame. Cost not stated. Mt. Diablo, Contra Costa Co., Cal. Architect, George C. Meeker, First National Bank Bldg., Concord. Owners, Mt. Diablo School District. Plans and specifications have been completed for the new district school to be erected in the Mt. Diablo District. Plans and specifications can be secured from the architect. Bids will be opened on October 20th.

STREET LIGHTING—Cost not stated. Benicia, Solano Co., Cal. Engineer, none. Owners, Town of Benicia. Because of a suggestion of Mayor W. L. Crooks, the Chamber of Commerce of this city has instructed their secretary to secure data on the lighting of other cities. It is the intention of the Chamber to place electroliners on First street and other residence streets in this city.

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HIGHWAY WORK—Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Action in the construction of the Bay Point-Martinez road has been taken by the Board of Supervisors. The County Clerk has been directed to advertise for proposals for the construction of that highway. Bidders are at liberty to submit proposals for the dredging work and also to offer bids for piling. The date for the opening and consideration of the same is fixed for November 9th.

SEWER WORK—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. The City Council here has taken steps to start the construction of a sewer which will cost \$10,000 and has also authorized the paving of Fifth street, from Washington street to the Northwestern Pacific tracks. Charles Spooner has presented a plan prepared by the City Engineer for the proposed sewer for the south side of town, beginning at Bennett avenue and Temple street, thence to Sebastopol, thence to Davidson Lane, thence to and through the Rohrer property to the creek. The estimate provides for 6,124 feet of 14-inch, 5,976 feet 12-inch, 1,045 feet 10-inch, and 1,255 feet 8-inch sewer, a total of 14,400 feet.

BATH HOUSE COMPLETION—Frame construction. Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, D street, San Rafael. Owners, City of San Rafael. The City Council has instructed the City Architect to prepare plans and specifications for the finishing of the second story of the San Rafael Baths.

Contracts Awarded.

STREET PAVING—\$11,346.79. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, L. L. Page, Richmond. Contract price, \$11,346.79.

**Bids On Marin Co.
Bridges Opened.****Bids For Three Bridges in One Set
and Two in Another Opened by
County Supervisors.**

Bids were opened at Tuesday's meeting of the Board of Supervisors of Marin County for constructing two sets of bridges. The Marin Rock Co. were low for Bridges Nos. 1, 2 and 3 at \$13,764. O. M. Price was low at \$7,652 for

Bridges Nos. 5 and 6. Following is a complete list of the figures received:

Bridges Nos. 1, 2, and 3.

Barrett & Hilt, S. F., total, \$17,678; piles, 48c.

Eaton & Smith, S. F., total, \$17,474.63; piles, 60c.

Marin Rock Co., San Rafael, total, \$13,764; piles, 60c.

R. C. Gorrill, S. F., total, \$15,690; piles, 40c.

Bridges Nos. 5 and 6.

California Constr. Co., S. F., total, \$10,900; piles, \$1.25.

Gorrill & Tuhy, S. F., total, \$8,172; piles, \$1.00.

Marin Rock Co., San Rafael, total, \$8,461; piles, 80c.

Barrett & Hilt, S. F., total, \$9,000; piles, 48c.

O. M. Price, S. F., total, \$7,652; piles, 56c.

NOTE—Barrett & Hilt offer to deduct \$750 if allowed to substitute for steel.

BUILDING CONTRACTS**MARIN COUNTY.****BUNGALOW**

SAN ANSELMO. All work including carpenter work for bungalow. Owner.....Grace Egbert, S. F. Architect...None. Contractor...Watson Bros., San Anselmo.

Filed Oct. 7, '14. Dated Oct. 7, '14. Outside walls enclosed.....\$165 65 days after all carpenter work completed and accepted..... 165 **TOTAL COST, \$330** Bond, \$150. Surety, Chas. O. Jensen. Limit, 40 working days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING

SAN RAFAEL. All work for frame building.

Owner.....M. S. Machado. Architect...None. Contractor...Manuel King.

Filed Oct. 2, '14. Dated Oct. 2, '14. Frame up\$400 When plastered 400 Usual 35 days..... 625 **TOTAL COST, \$1425**

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

DWELLING

HARCOURT ST., San Rafael. All work for one-story 5-room, closets, hall and bath dwelling.

Owner.....Emma M. Gordon, San Rafael. Architect...W. W. Rednall, 2500 Filbert, San Francisco.

Contractor..Hughson & Donnelly, 1608
Stuart, Berkeley.

Filed Oct. 6, '14. Dated Oct. 3, '14.
Frame up\$553
When plastered 553
Contract completed 553
Usual 35 days..... 552
TOTAL COST, \$2211
Bond, \$1106. Surety, Chicago Bonding
& Surety Co. Limit, 60 working days.
Forfeit, none. Plans and specifications
filed.

LIENS FILED.

MARIN COUNTY.

RECORDED	AMOUNT
Oct. 6, 1914—ROSS, Marin County.	
J T Neal vs Harry S Scott, et ex	
and A F Hanson.....	\$57
Oct. 7, 1914—ROSS, Marin Co. J Car-	
roll, \$36.50; C Weber, \$120 vs Harry	
S and Edna L Scott and A F Han-	
son	
Oct. 5, 1914—ROSS, Marin Co. Wm	
C Vahey vs Harry S Scott and A	
F Hanson	\$421.85

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED	ACCEPTED
Oct. 2, 1914—TIBURON. Jenny N	
Gleissner to T M Herrington.....	
.....	Sept. 30, 1914

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—1 story, frame. Cost not stated. Curtis Creek School District, Tuolumne Co., Cal. Architect, none. Owners, Curtis Creek School District. Plans for a new district school have been completed and are now out for figures. Bids will be opened on October 17th. Plans and specifications can be secured from the office of The Banner, published at Sonora, or from the Clerk of the Board, Charles W. Harvey, Sonora.

HIGHWAY WORK—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids for the grading of 5.6 miles of the Bakersfield-Glenville road will be received by the Board of Supervisors until 2 o'clock p. m. October 28th. The road to be improved under this contract begins at the south end of the Poso creek bridge and extends in a general northerly direction. Its construction will eliminate numerous crossings of the creeks and will necessitate the removal of 35,000 yards of material. Included in the contract are the construction of a pile bridge and the placing of corrugated iron culverts.

HIGHWAY CONSTRUCTION—Cost not stated. Dinuba, Tulare Co., Cal. Engineer, County Surveyor, Visalia. Owners, Tulare County. Lost Hills and Bitterwaters may soon be connected with a new road, a petition having just been circulated which will mean the building of a highway in the near future. The petition calls for the road to run from the northwest corner of section 1, southwesterly to township 27-19, to the mouth of Bitterwater creek, thence along the creek southwesterly to the west boundary of township 27-18.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGE—Reinforced concrete. Cost not stated. Susanville, Lassen Co., Cal. Engineer's name not given. Owners, Town of Susanville. The Board of Trustees of Susanville at a meeting to consider a proposed concrete bridge across the Susan River to the Southern Pacific depot have ordered the plans and specifications prepared. The plans will be rushed to completion and on approval bids will be called for.

RETAINING WALL, SHEET METAL PILES—\$10,500. Sacramento, Cal. Engineer, City Engineer Miller, Sacramento. Owners, City of Sacramento. New plans for the sheet pile retaining wall in the levee near the swimming baths, which was washed out last winter, may adopted by the City Commission. The city may also agree to pay half of the expense of the work. The Southern Pacific put in the work, but before it was accepted the piles were washed out. The railroad company wanted the city to replace the piles and sand, while the city took the position that the work had not been accepted and therefore the railroad company had not completed the work. Now it has been decided because of a turn in the river the piles must be driven deeper. For this reason City Engineer has been directed to prepare new plans for the work.

HOSPITAL GROUP—2 and 4 story and base. Class A construction, \$700,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, County of Sacramento. Plans for the construction of a new County Hospital that would cost in the neighborhood of \$700,000, including furniture, were discussed by the Board of Supervisors, Architect R. A. Herold and Dr. June B. Harris, County Physician, at a conference held in this city lately. Herold estimated the cost at \$700,000, but some of the Supervisors were of the belief it could be done for less than this. According to Supervisor Mahoney nothing further will be done until the Supervising other hospitals. He believes visitors have had an opportunity of a hospital can be built for \$250,000.

JAIL—2 and 3 story and base, reinforced concrete, \$30,000. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. The building will be a part two and part three story structure with offices of the tax collector in the three-story section. Construction will be fireproof, with reinforced concrete floors and walls. Interior partitions will be of hollow tile and metal lath and plaster. Interior will be finished in pine. Plans provide for steam heat, a vacuum cleaning system and hot water supply. Special jail equipment will be installed under separate contract and is not included in the estimated cost of the building. Exterior will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened the first week in November. Plans and specifications can be secured from the architect.

BUNGALOWS—6.1 story and base, frame. Cost not stated. Sacramento, Cal. Architect, none. Owner, W. H.

McMorry, Sacramento. These houses will be erected on property on T street recently purchased by Mr. McMorry. Each house will contain six rooms and bath. Interiors will be finished in pine and redwood. There will be some oak floors. Open fire places are specified. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

IRRIGATION RESERVOIRS—Concrete construction. Cost not stated. Engineer, none. Owners, Oakdale and South San Joaquin Irrigation District. Directors and engineers of the Oakdale and South San Joaquin irrigation districts have been in the mountains of Tuolumne County looking for sites for reservoirs, for holding back Stanislaus River water for late irrigation. Many sites were favored, but no definite information can be had until the reports are compared. It is proposed to build joint reservoirs if the scheme can be carried out.

STREET PAVING—Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, City Engineer, Red Bluff. Owner, City of Red Bluff. A movement underway in this city to have Main street paved from the Imperial Hotel to the Catholic Church. The question will be taken up at the next meeting of the City Trustees.

HIGHWAY CONSTRUCTION—Cost not stated. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. A Dam of Wheatland has petitioned the Board of Supervisors here to consider the building of a county road from point near the Virginia School to the State Highway near Wheatland, a distance of 1½ miles. The road is asked because of the long detour to get to Wheatland from this city. It is necessary, according to Dam, to encircle Beilby hill for a distance of fully 10 miles, whereas if the new road is constructed it would eliminate this distance. The matter is now being considered by the Supervisors.

HIGHWAY WORK—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. For complete list of the bids recently opened by the State Highway Commission see Sacramento and Northern California in this issue.

DOCKS AND SHEDS—Steel frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, none. Owners, Stockton and Sacramento River Steamship Co. The company will soon begin the construction of new steel sheds in this city according to latest reports. The sheds will probably be erected on the wharf space lying directly west of the present California Transportation Company's sheds. H. J. Corcoran is at the head of the company.

STORES AND OFFICES—8 story and base. Class A construction, \$165,000. Sacramento, Cal. Architect not selected. Owners, Sacramento Chamber of Commerce. An offer to finance the Chamber of Commerce in this city has been received by the Board of Directors from J. H. McKibben, representing M. C. McCarthy of Chicago. McKibben is a San Francisco broker, while McCarthy is a Chicago contractor. Architect J. W. Woollett, Newhall Bldg. San Francisco, is responsible for the offer, having informed McCarthy of the

opportunity. McKibben in his communication states that McCarthy is willing to put up \$130,000 for the building, but suggests that a \$165,000 building be built of at least ten stories. The Chamber of Commerce has already received plans and specifications for an eight-story building to cost \$120,000. The Chamber owns a site on Seventh street between I and J, and will build there if the plan goes through.

Contracts Awarded.

JAIL CELLS—#2486. Marysville, Yuba Co., Cal. Architect, none. Owners, City of Marysville. Contractors, M. G. West Co., San Francisco. Contract price, \$2,486.

LIBRARY ADDITION—1 story and base, reinforced concrete, \$11,000. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Woodland. Contractor, Harvey A. Klyce, Sheldon Bldg., S. F. Contract price, \$11,000.

TRACK SPECIALS—Cost not stated. San Francisco. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete for furnishing the Municipal Railroads with track specials. Complete information can be secured from the City Engineer. Bids will be opened on October 21st. An official proposal appears in another column of this issue.

PIPE LINE STATIONS—Frame and concrete construction. Cost not stated. Coalinga to Martinez, Cal. Engineers, Sanderson & Porter, Nevada Bank Bldg., S. F. Owners, Valley Pipe Line Co. (Dutch-Shell Co.) Contractors, Shaw & Hudson, L. A. Contract price not stated.

TRUNK LINE SEWER—\$56,851. Sacramento, Cal. Engineer, City Engineer. Sacramento. Owners, City of Sacramento. Contractor, Matthews Construction Co., Forum Bldg., Sacramento. Contract price, \$56,851.

Highway Commission Work Is Awarded.

State Highway Commission Let Contracts for Several Pieces of Work And Open Figures for Others.

Bids have been opened by the State Highway Commission, Forum Bldg., Sacramento, for the construction of State highways in seven different counties of the State, involving eleven separate pieces of work. The following is a complete list of the bids received together with the Engineer's estimate and a list of the materials furnished by the State:

Sacramento Co., Div. 3, Route 2, Sec. A.
A. W. Gorrell, S. F. \$39,141.10
Engineer's estimate, \$43,171.25.

Materials furnished by the State:
Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$24,749.58.

San Luis Obispo Co., Div. 5, Route 2, Sec. D.

Berry, Mackie & Co., S. F. \$50,787.00
John Mulligan, Los Angeles. 47,826.85
George W. Connors, Eureka. 49,749.90
J. H. McMillen, Wasco. 63,328.70
Richard Rothwell, L. A. 65,577.40
Marsh Bros. & Gardener, Inc., San Francisco. 53,009.20

C. H. Hudson, Los Angeles. 47,111.00
Sanderecock Transfer Co., San Luis Obispo. 66,394.95
Brashear, Burns Co., L. A. 61,190.50
Enoch S. Hunt, Alameda. 46,605.65
Mahoney Bros., S. F. 53,837.60
Rice & Dutcher, Imperial. 66,141.80
Engineer's estimate, \$53,779.17.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total \$3,355.95.

Humboldt Co., Div. 1, Route 1, Sec. G.
Berry, Mackie & Co., S. F. \$27,212.40
George W. Connors & Frank Frank L. Smith, Eureka. 28,524.60
William Crowley & T. E. Cloney, Eureka. 25,992.68

Rush R. Smith, Fortuna. 32,153.32
F. H. Green, Eureka. 28,497.10
Elsomere & Jacobs, Eureka. 18,777.80
Engineer's estimate, \$28,809.57.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$25,549.06.

Humboldt Co., Div. 1, Route 1, Sec. D.
George W. Connors, Eureka. \$30,937.70
William Crowley & T. E. Cloney, Eureka. 28,624.98

Rush R. Smith, Fortuna. 32,153.32
F. H. Green, Eureka. 28,291.85
Elsomere & Jacobs, Eureka. 33,905.90
Engineer's estimate, \$36,294.50.

Materials furnished by State: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$9,422.00.

Alameda Co., Div. 4, Route 5, Sec. A.
Petersen & Grier, S. F. \$46,748.50
Palmer & McBrady, S. F. 38,032.00
P. L. Burr, S. F. 16,891.00
Engineer's estimate, \$45,879.25.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$26,015.44.

Santa Barbara Co., Div. 5, Route 2, Sec. A.

F. Rolandi, S. F. \$18,751.50
Roberts Bros. Co., L. A. 18,556.50
Rice & Dutcher, Imperial. 21,264.40
Engineer's estimate, \$20,333.67.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$22,899.45.

Santa Barbara Co., Div. 5, Route 2, Sec. C.

F. Rolandi, S. F. \$74,126.65
Tieslau Bros., S. F. 72,978.20
Rogers Bros. Co., L. A. 62,679.50
Rice & Dutcher, Imperial. 67,952.80
Engineer's estimate, \$65,841.87.

Materials furnished by State: Pipe railings, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$61,536.56.

Santa Barbara Co., Div. 5, Route 2, Sec. G. and I.

W. E. Callahan Const. Co., Arlington. \$7,432.40
R. H. McGray Co., L. A. 82,284.90
J. H. McMillen, Wasco. 92,897.20
Brashear-Burns Co., L. A. 82,410.50
C. H. Hudson, L. A. 79,191.40
P. L. Burr, S. F. 103,009.85
Engineer's estimate, \$93,487.06.

Materials furnished by the state: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$8,691.70.

San Luis Obispo Co., Div. 5, Route 2, Sec. H.

Tieslau Bros., S. F. \$86,331.50
Dates, Portland & Ayer, Okla. 78,824.65
F. Rolandi, S. F. 75,760.90
C. H. Hudson, L. A. 76,919.65

J. W. Calback, San Diego. \$1,900.20
Rice & Dutcher, Imperial. 73,901.70
Rogers Bros. Co., L. A. 73,779.20
Engineer's estimate, \$87.25.

Materials furnished by the state: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$58,526.10.

Imperial Co., Div. 7, Route 12, Sec. A.

Rogers Bros. Co., L. A. \$99,724.50
Rice & Dutcher, Imperial. 86,052.80
Callahan & Hedrick, El Centro. 72,132.70
Hochelt & Stevens, L. A. 69,921.45
J. W. Calback, San Diego. 68,145.30
Engineer's estimate, \$79,136.

Materials furnished by the state: Pipe railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$25,922.25.

Solano Co., Div. 3, Route 7, Sec. D.

A. W. Gorrell, S. F. \$47,054.94
P. L. Burr, S. F. 44,679.00
Dates, Portland & Ayer, Okla. 16,153.60
Connary-Peterson, S. F. 63,943.00
Engineer's estimate, \$48,295.50.

Materials furnished by the state: Pipe railing, reinforcing steel, corrugated iron pipe, Portland cement, sand and coarse aggregate. Total, \$34,669.28.

Contracts awarded at the same meeting of the Highway Commission for work in the state were as follows: C. H. Hudson, Los Angeles, 102 miles in Santa Barbara County, \$79,191.

A. C. McLean Construction Co., S. F. work in Kern County, \$68,004.

Elsomere & Jacobs, Eureka, 4.3 miles in Humboldt County, \$18,777.80.

William Crowley and T. E. Cloney, Eureka, 3.7 miles in Humboldt County, \$28,624.98.

J. W. Calback, San Diego, 6 miles in Imperial County, \$68,145.30.

Palmer & McBrady, San Francisco, 5.9 miles in Alameda County, \$38,032.

LOS ANGELES AND SOUTHERN CALIFORNIA.

BRIDGES—9, reinforced concrete and pile. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Engineer, County Surveyor Flourney, Santa Barbara. Owners, Santa Barbara County. County Surveyor Flourney is now preparing plans for nine of the most important bridges to be constructed along the State Highway north of this city. He has received from the Engineering Department of the Commission the final locations of the four bridges in de la Cuesta canyon, four in Zaca canyon and one at Santa Ynez. The plans are well underway and it is thought that bids will be taken on their approval.

JAIL—1 and 2 story, reinforced concrete, \$30,000. Calexico, Imperial Co., Cal. Architect's name not given. Owners, City of Calexico. Provision has been made in the annual budget for \$17,240 for the purpose of constructing a new jail building. A site 60 by 140 feet has been secured and steps will be taken at once to have construction started. The present jail building is badly overcrowded. Definite plans have not been secured, but the appointment of an architect will be made shortly. Further mention will be made of this work.

ELECTRIC LINE—Cost not stated. Highland, San Bernardino Co., Cal. Engineer, Chief Engineer Pillsbury, Los Angeles. Owners, Pacific Electric Co. With the visit of President Paul Shoup and Chief Engineer Pillsbury of the

Pacific Electric Company, there has been a rumor circulated that the company has been contemplating the construction of a branch electric line. No additional information can be had at this time.

HOTEL—1 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, August Wackerbarth, 202 North Main street. L. A. Owner, Philip Eleholz, 310 X. Grand street, L. A. The building will be erected at the corner of Grand avenue and Temple street, covering an area of 10 by 73 feet. There will be two stores besides the hotel lobby on the ground floor. Upper floors will contain a total of 24 rooms and a number of baths. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Bath rooms will be finished in tile. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

GARAGE—1 story and base, brick and steel. Cost not stated. Santa Ana, Cal. Architect, none. Owner, F. E. Farnsworth, Santa Ana. The building will be erected at the northwest corner of Second and Main streets. The building will be a one-story brick structure, and will cover an area of 100 by 117½ feet. As yet no architect has been selected.

SCHOOL—2 story and base, brick, \$75,000. Colton, San Bernardino Co., Cal. Architects, Allison & Allison, Ilberman Bldg., L. A. Owners, Colton School District. The building will be designed in the classic style and will contain sixteen class rooms, office, a large auditorium and domestic science and manual training departments. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system and modern school plumbing. Plans also provide for vacuum cleaning, program clocks and slate blackboards. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

TELEPHONE EXCHANGE—3 story and base, brick and concrete, \$50,000. Santa Monica, Los Angeles Co., Cal. Architect, Engineering Department Pacific Tel. and Tel. Co., 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. The building will cover a considerable ground area and will have a light steel frame with concrete floors and brick exterior walls. The first floor will contain the office of the company and public space. Upper floors will be arranged for exchange rooms and repair department. There will be steam heat and special electric work. Interior will be finished in pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

STREET PAVING—\$31,859.15. Riverside, Riverside Co., Cal. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson-O'Shea Co., Riverside. Contract price, \$31,859.15.

RESIDENCE—2 story and base, frame and plaster, \$25,000. Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owner, Mrs. M. Wiley, 1214 Washington Bldg., L. A. Contractor, Thomas K. Miller, 3450

South Figueroa street, L. A. Contract price, \$25,000.

BANK AND OFFICES—5 story and base, Class C construction, \$115,000. Long Beach, Los Angeles Co., Cal. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Mrs. Lucy Hauerway. Contractors, C. J. Kubach Co., Van Nuys Bldg., L. A. Contract price, \$115,000.

PORTLAND AND OREGON.

HOTEL—3 story and base, brick, \$30,000. Bandon, Ore. Architect, J. E. Tourtellotte, Rotherild Bldg., Portland. Owners, Hotel Gallier Co., Bandon. The building will cover an area of 75 by 100 feet. The first floor will be arranged for the office, lobby, dining room, sample rooms, grill and kitchen. Upper floors will contain in the neighborhood of 40 guest rooms and several baths. Interior finish will be of pine throughout. Plans provide for steam heat and a hot water system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

POST OFFICE—4 story and base, Class A construction, \$1,000,000. Portland, Ore. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, United States Government. Postmaster Myers of Portland has conferred with officials of the Post Office Department and the Supervising Architect regarding the plans for the new Portland Post Office. He suggested several changes in arrangements of floor space in that part of the building allotted to the Post Office, the changes being designed to facilitate the handling of the mails. The plans are to be returned to Architect Lewis P. Hobart for revision in accordance with Mr. Myers suggestion.

POST OFFICE—2 story and base, brick and stone. Cost not stated. The Dalles, Ore. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. The building will be of semi-fireproof construction and will cover an area of 5,080 square feet. Interior will be finished in pine and hardwood. Plans provide for steam heat and modern plumbing. Hardwood floors will be used. Exterior will be faced with cut stone and pressed brick. Plans are complete and have been forwarded to the west for figures. Bids will be opened in Washington on November 12th. Plans can be secured from either the office of the Supervising Architect or from the Custodian of the site at The Dalles. An official proposal appears in another column of this issue.

BRIDGES—Steel and reinforced concrete. Cost not given. Portland, Ore. Engineer, H. W. Holmes, Bureau of Bridges and Highways, Portland. Owners, City of Portland. Plans for the various bridges to be built across the railroad crossings of the Southern Pacific and Oregon-Washington Railroad and Navigation Co., together with approaches, are being prepared under the supervision of H. W. Holmes, who until recently was engineer for the Bureau of Bridges and Highways for the city, and will continue in charge of this work. Besides the various structures which will be built, a grade will be made by the railroad companies. This will extend along Sullivan's gulch from 28th street to 82nd street, and when completed will be between 10 and 12 feet lower throughout the

entire distance. This work will be completed by the railroads. The largest of the structures planned is that at East 37th street, which will be a 150-foot structure, consisting of three spans. These will be steel girders encased in concrete. There will also be four concrete approaches of various lengths, not to exceed 200 feet each. Other structures are planned at East 82nd street, East 47th street and East 52nd street, to be built at an estimated cost of \$10,000 each. Plans will be completed this fall, but in all probability bids will not be called for until in April.

STEEL, PRESSURE PIPES—Cost not stated. Okanogan, Ore. Engineers, United States Reclamation Service Federal Bldg., L. A. Owners, United States Government. Plans are complete and figures are now being taken for furnishing and erecting riveted steel pressure pipes in the Okanogan Reclamation District. Plans and specifications can be secured from the engineers at Los Angeles, Cal.

Contracts Awarded.

DOCK—1 story, mill construction, \$30,060. Portland, Ore. Engineer, G. F. Hegardt, Public Dock Commission Portland. Owners, City of Portland. Contractor, Anton Tellar, Builders' Exchange, Portland. Contract price, \$30,600.

SEATTLE AND WASHINGTON.

LIBRARY—1 story and base, brick and concrete, \$40,000. Columbia City, Wash. Architect, W. Marbury Somervell, White Bldg., Seattle. Owner, Columbia City. The main building will contain two reading rooms, office of the librarian, stack room and gantry room. A rear wing, 20 by 46 feet, will contain work room and children's reading room. Interior will be finished in pine with hardwood floors. There will be a central heating system. Metal book stacks are specified. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for shortly.

RECLAMATION PROJECT—Cost not stated. Strawberry Valley, Utah. Engineers, United States Reclamation Service, Provo, Utah. Owners, United States Government. The work to be undertaken is the construction of Divisions 1, 2 and 3 of the Highline Canal, involving 384,000 cubic yards of excavation, 2,300 cubic yards of excavating for structures, 3,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 feet tunnel, laying 1,700 feet vitrified pipe, 1,400 cubic yards of back filling, stone paving and placing of sluice gate. Bids are now being taken and figures will be opened on November 15th.

CANAL WORK, FLUMES AND GATES—Cost not stated. Benton City, Wash. Engineers, United States Reclamation Service, North Yakima. Owners, United States Government. The work will consist of constructing approximately 12.25 miles of canal (tensions with pipe lines, flumes and other appurtenant structures involving 67,000 cubic yards of earth, 17,000 cubic yards of rock, constructing six pipe lines of approximately 4 feet. Plans and specifications can be secured from the engineers. Bids will be opened on October 26th.

BRITISH COLUMBIA TIMBER AND LUMBER TRADE.

[Consul General R. E. Mansfield, Vancouver, Canada, August 31.]

It is the policy of the British Columbia Government to maintain a tax on timber exports which is practically prohibitory. This has resulted in forcing millmen who wish to utilize the timber supply to manufacture the lumber in the Province, thereby providing employment for local labor and giving the community the benefit of the money spent in the lumber industry. Owing to the stringency of the money market, and the depressed condition of the industry during the past year, which has been rendered more acute by the war, the provincial government is endeavoring to improve the situation and stimulate the timber trade by removing some of the restrictions on the exportation of logs.

It is estimated that the amount of lumber at present in the coastal waters of the province in log form is 200,000,000 feet. Of this amount British Columbia mills own about 75,000,000 feet, the remaining 125,000,000 feet being in the hands of the loggers and at present practically a drug on the market. A large proportion of this 125,000,000 feet of logs now without an available market is cedar, the remainder being second and third class fir. The 75,000,000 feet held by the millmen is also cedar and fir of various grades.

There has been a demand recently on the part of the loggers and timbermen for the removal of the tax on logs exported, but instead of removing all restrictions on this class of exports the provincial government has authorized the exportation of logs on the payment of the following amount (per 1,000 feet), which includes the usual 50 cents royalty per 1,000 feet: No. 1 cedar, pruce, and pine, \$2; No. 2 cedar, pruce, and pine, \$1.50; No. 3 cedar, pruce, and pine, \$1; No. 1 and 2 fir, \$1; No. 3 fir, 50 cents; balsam and hemlock, all grades, 50 cents. This reduction is claimed by the loggers to be insufficient to create any general activity, or increase materially the exports, or provide a market for the lumber on hand.

The purpose of the government in passing the order was to provide an immediate market for the large number of logs now on the coast, which would bring into the country more than a million dollars. The low price of logs, and the lack of demand from Puget Sound mills, which were depended upon for consuming British Columbia surplus timber, will probably result in little movement in that direction, and loggers claim that the government's action will not relieve the situation appreciably. The logs now in the coastal waters are deteriorating rapidly, and unless soon sold heavy loss will result.

Seeking Export Trade.

To widen the markets for British Columbia lumber, local dealers are making concerted effort to obtain information by sending practical lumbermen to trade centers where the outlook is good for increasing the export business. The fields to be covered are the east and west coasts of South America, United States Gulf and Atlantic coast

Important!!

Announcement of Improved Service of the "BUILDING and INDUSTRIAL NEWS"

With the desire to aid our advertisers and subscribers we announce the appointment of Lloyd C. Comegys, as our advertising manager.

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Building and Industrial News

560 Mission St., S. F.

ports, China, and Japan. It is believed that the Panama Canal affords new opportunities for British Columbia lumber and that the volume of export trade can be materially increased by systematic endeavor. An order was recently obtained for supplying several million feet of lumber for public works in Eastern Canada, most of which will be carried through the canal. Lumbermen are not depending upon the government trade commissioners, but will gather the desired information through their own representatives, believing that the results thus obtained will be of more practical value. The lumber business in the Province is suffering from depression, and this effort to increase export trade and to take advantage of war conditions by establishing new markets is meeting with the encouragement of the millmen generally.

Lumber shipments from Vancouver, for the first six months of 1914, to points outside of Canada aggregated 16,414,676 feet, all from the Hastings mill. Shipments for the corresponding period of 1913 amounted to 9,193,413 feet.

Government Sale—New Sawmill—Timber Inventory.

Thirty-two million feet of lumber in the Fort George district has been sold by the provincial government to the Riverside Lumber Co. of Calgary at \$37,600. The purchasing company contracts to complete cutting the timber within three years, in order that the land may be made ready for settlers.

The White Pine Lumber Co., of Spo-

kane, Wash., is preparing to establish a sawmill at Westbridge, British Columbia, which will have 200,000 feet daily capacity. The company owns a town site, and will soon begin erecting workmen's houses; about 300 men will be employed.

The Canadian Commission of Conservation is taking an inventory of the timber resources of the Dominion, beginning with British Columbia. It is estimated that it will require about two years. The provincial forestry department is co-operating with the Dominion branch of the service, and when the work is completed maps will be prepared showing the quantities and localities of the species of timber in the various Provinces.

Utilization of Pine Cone Seeds.

The utilization of pine cone seeds promises to develop into an industry of some importance in the Northwest. An enterprising timberman in Washington State has for two years been collecting pine and fir cones and extracting the seeds, which are said to find a ready market at profitable prices. Last year a carload of cones was shipped from British Columbia and the seeds exported to Germany. The cones were gathered by Indians in the northern part of the Province and transported in sacks over long distances to the railway, which carries them to their destination in Washington. The experiment proved so profitable that several carloads have been ordered this year, and the business promise to afford another outlet for a hitherto utilized British Columbia product.

Efficiency and Advertising

by Lloyd C. Comegys

The Greatest of Business Problems.

The greatest of business problems is the obtaining of NET PROFITS. All other matters are details toward the attainment of this end.

It is the object of the business man, and he is succeeding or failing in accordance with the amount of his NET PROFITS. That's what he is in business for.

In seeking to obtain NET PROFITS, certain ways have been learned to be more successful than others, and it is these MORE SUCCESSFUL WAYS, SPECIAL METHODS AND DEVICES for attaining NET PROFITS that have been given the designation of EFFICIENCY.

Efficiency is the Scientific Method of Securing Increased NET PROFITS.

Efficiency is new. Very little of it has been written down in books. As a general tendency it is everywhere, but as a system of thought, it exists only in the minds of a comparatively small number of men.

Those in business, as owners or employees, who understand Efficiency, are inclined to keep this valuable new knowledge to themselves, just as the gold miner, who has struck a rich vein of yellow treasure, is inclined to be secretive about his good luck.

And there are only a few men, as yet, who are practicing as a profession, the installing of Efficiency in offices, business houses, plants and factories.

What Efficiency is NOT.

Efficiency is not a new name for an old truth so far as it relates to industry and to individual success. It is an absolutely new point of view in the business world.

It is not Expert Accounting, for the reason that accounting deals only with records and not with methods.

It is not Economy, for the reason that mere saving is often the most suicidal of all business policies.

It is not Energy, for the reason that misdirected energy is the most universal of all industrial wastes.

It is not Slave-driving, for the reason that one of its main benefits is to elevate and profit the wage-workers, not to degrade or oppress them.

And it is not System, for the reason that the most useless and wasteful actions can be done in the most systematic way. There can easily be too much system, but there can never be too much Efficiency.

Efficiency will get a greater percentage of results for you, without adding to expense, and will reduce costs without lessening results.

Efficiency is needed in the one-man business, as in the concern employing thousands of men. It is as important to the one, as to the other, to increase

NET PROFITS.

LOOK INTO THIS SUBJECT OF EFFICIENCY.

It means greater NET PROFITS for YOU!

Efficiency Methods.

As applied to business, and considering individuals only as one of the parts of business used to produce the NET PROFITS desired, Efficiency approaches the particular firm it is called in to assist from every angle, large and small.

Almost the first matter to be considered is the question of OVERHEAD CHARGES. This subject, though almost the controlling feature as to whether or not the firm is to make NET PROFITS,—is probably the most neglected and wrongly handled of all business subjects. The subject is a difficult one and in consequence many avoid looking it squarely in the face, as soon as they have made a semblance of settling upon a percentage for their firm.

Efficiency takes hold of this subject and in a scientific way lines the facts about it up in connection with the other features of the business.

Another difficult problem is Salesmanship and the other one advertising. These are constructive and productive forces and the most valuable.

Here it is that Efficiency gains greater results without increased costs, and lesser costs without reducing results.

And the modern Salesmanager and Advertising manager approaches his work from an Efficiency standpoint.

The Small Firm.

The small firm having less margin in the way of expense for a large office force, needs to utilize the time of its employees to the very best advantage. This means that without the employee working harder or longer, that the results he produces may be made much greater, simply by a change of his methods of Work or the Facilities to work with. The small firm therefore needs EFFICIENCY Methods as much, if not actually more than the larger ones.

What Trade Name Advertising can do as Efficient Sales Co-operation.

It can give general publicity to your trade name and goods in the locality you desire to cover, through the use of newspaper, magazine, program, mail and bill-board advertising. The results would come to you through the sales made by your representatives or selling-houses in those localities. Such advertising so establishes the character and value of your offerings of products as to largely relieve your selling-houses, representatives and salesmen from so establishing or informing regarding who you are and the general lines that you offer.

This leaves the salesmen or selling houses free to devote their entire time to actual sales making and eliminate a large amount of waste effort on their part in connection with your offerings.

Advertising may be very profitably used in obtaining inquiries regarding your offerings and getting in touch with live prospects or those whose minds have already been directed or centered upon taking your proposition. These inquiries or leads to prospective customers may then be turned over to your representatives or salesmen, who thus can produce many times the results that they otherwise could if left alone to scatter their efforts in a general way.

GOOD WILL:

The good will of a firm that is established through advertising coming directly from the house is the most valuable kind, in that it cannot be materially affected by the presence or absence of any particular salesman.

ADVERTISING:

In plain words means explaining possible customers of whatever you have to offer, who you are, and who you have to offer. Notice, I say possible customers and it is right here where so much money is lost in advertising, even when it is properly done and contains real pulling or selling power. Be sure you are advertising to possible customers of your particular offerings and not to the general public or to those who would under most circumstances not want them. A trade magazine is one of the very best mediums for reaching the exact people in your line.

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Fourteenth Year, No. 42

BUILDING AND INDUSTRIAL NEWS

**A Weekly Publication Devoted to the Architectural, Building,
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SUCCESSORS TO

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"INDUSTRIAL NEWS OF ALAMEDA CO."

"BUILDER AND CONTRACTOR"

"WESTERN BUILDER"

Wednesday, October 21, 1914.

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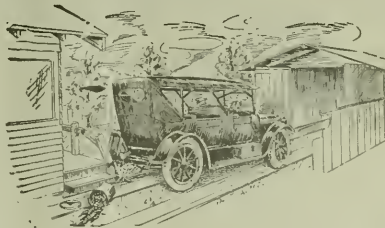
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Building and Industrial News

Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, October 21, 1914

Fourteenth Year, No 42



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OFFICIAL ORGAN

of the
CONTRACTORS' AND DEALERS'
ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Building operations, reflecting general business conditions and the uncertain future due to the European war, registered a big deficit for September as compared with the same month last year. Reports from about 60 different cities made to the American Contractor, Chicago, show a loss for the period of about 32 per cent. This loss, however, was not evenly distributed. New York, for instance, shows a slight gain. So does Cleveland. Other cities, however, show an almost uniform decrease and this general depression is shared by Pacific Coast cities.

It is impossible to prophesy concerning the future as the European war is an uncertain thing. However, if any one is to profit by the war it ought to be this country and in time the money market should loosen up and building revive along with other business. The figures present the following table:

City	Sept.	Sept.
Akron	1911.	1913.
Akron	\$ 286,375	\$ 393,645
Albany	267,325	4,995,375
Atlanta	176,804	384,732
Baltimore	390,811	808,237
Berkeley	94,500	144,000
Birmingham	162,315	242,099
Boston (in- complete)	729,232	1,326,340
Bridgeport	214,890	224,323
Buffalo	761,000	821,000
Cedar Rapids	264,000	258,000
Chattanooga	77,387	50,120
Chicago	4,925,900	7,858,920
Cincinnati	665,608	868,576
Cleveland	2,132,970	1,949,455
Columbus	491,725	473,195
Dallas	140,269	469,925
Dayton	42,785	107,955
Denver	1,007,130	295,490
Des Moines	380,650	127,750
Detroit	1,547,235	2,056,855
Duluth	187,829	473,897
East Orange	91,334	258,245
Evansville	89,145	101,710
Fort Wayne	122,860	278,855
Grand Rapids	427,624	1,573,330
Harrisburg	105,450	83,800
Hartford	129,910	369,421
Indianapolis	411,628	675,504
Kansas City	565,083	676,695
Lincoln	93,650	101,650
Los Angeles	1,106,064	1,748,665
Louisville	267,370	297,170
Manchester	77,037	161,015
Memphis	132,160	288,355
Milwaukee	1,162,004	874,500
Minneapolis	881,275	1,449,650
Newark	231,660	561,526
New Haven	431,610	243,880
New Orleans	159,277	186,769
New York City— Manhattan	5,175,220	6,397,128
Bronx	1,239,801	621,096
Brooklyn	3,522,290	2,405,750
Boro of Queens	1,272,017	1,918,928
Boro of Rehm'd	109,821	151,339
Total	11,619,179	11,492,241

Oakland	351,562	456,424
Omaha	312,360	414,580
Pasadena	134,954	140,803
Paterson	72,782	54,215
Peoria	136,750	142,245
Philadelphia	1,811,305	4,363,955
Pittsburgh	880,649	1,434,790
Portland	309,110	1,621,005
Richmond	136,799	122,361
Rochester	666,551	843,226
Salt Lake City	481,850	142,937
San Francisco	1,863,271	2,150,589
San Diego	131,541	352,660
San Jose	27,148	37,373
St. Joseph	26,172	77,120
St. Louis	651,489	1,180,909
St. Paul	2,111,926	910,908
Seranton	313,218	71,420
Seattle	556,560	692,885
Shreveport	58,077	74,573
Sioux City	84,050	100,085
South Bend	42,100	60,028
Spokane	42,265	679,115
Springfield, Ill. ..	139,230	52,385
Syracuse	262,325	1,442,703
Tacoma	281,926	52,385
Toledo	360,355	672,489
Topeka	40,610	116,005
Troy	71,104	1,253,250
Washington	309,511	740,886
Wilkes-Barre	84,030	133,650
Worcester	262,260	404,619
Total	\$45,857,718	\$64,579,898

WAITING FOR AN INTERNATIONAL POLICE.

Let the United States make more adequate preparations for self-defense, but let it also use its influence toward the reduction of armaments, looking toward eventual dependence on an international police force to end war, just as local police forces have rid civilization of the duel. This in brief is the argument of Colonel Roosevelt in his article yesterday on "What American Should Learn From the War."

The chief criticism that has been made of his reasoning is that it emphasizes too strongly the need of more efficient armament for the United States. How, it is asked, can this country take the lead in calling for disarmament if it is increasing its fleet?

The obvious reply is that the United States always is willing to limit its armaments provided other countries will scale theirs down. Meanwhile, so long as warlike nations are maintaining great offensive forces, and so long as there is no international police force to keep the peace, for America to be defenseless would not increase its influence. Such a condition would only be an invitation to an attack.

In the old frontier days the substantial citizen was forced to carry a gun and be ready to use it on occasions unless he wanted to be the victim of desperate men who always went armed. For him to have thrown away his gun while they kept theirs would have put him at their mercy. They would have laughed at his apathy. Good citizens kept their arms until the police force was organized.—Kansas City Star.

The Investment Companies Act. (“Blue Sky Law.”)

Argument for the Act Before the Commonwealth Club of California, San Francisco, October, 1914.

Prepared by W. F. Chandler.

To the Board of Governors of the Commonwealth Club of California:

The main provisions of the Investment Companies Act (Blue Sky Law) are to create a state corporation department to require all investment companies to file with the corporation department, a statement of their financial condition, their manner of transacting business, and their articles of incorporation. Also to report to the corporation commissioner twice each year until their securities are sold, as to the amount of securities sold, proceeds derived therefrom, and the disposition of such proceeds.

The object of this act is to safeguard and protect the public against the operations of companies organized in such a manner as to permit their officers to use the proceeds of the sale of their securities for purposes other than for the benefit of the stockholders. To be more explicit, it is to get rid of the unscrupulous promoter.

In the past it has been too easy to incorporate stock companies, and the result is that many companies have been organized, whose mode of doing business has been unfair and unjust, to say the least. Some of these companies have been formed for the sole purpose of defrauding the public, and as the investor often has not the opportunity, nor the ability to investigate such matters for himself, this bill was conceived and passed by the last Legislature, with the idea of protecting such people against unfair and fraudulent organized companies. As an example of the manner in which such companies have imposed upon the purchasers of stock in the past, I will cite a few cases of the many that have come under my observation. I will refer particularly to oil companies, as we, of California, are more familiar with the operations of this class of companies.

During the oil excitement of the past few years, hundreds of fraudulent companies have been organized, evidently with no other purpose than to secure money from the sale of stock without giving value received. One company bought a section of desert land that was worth practically nothing per acre. It also bought ten acres of cheap land on which an oil well had been drilled and abandoned. It incorporated with two and one-half million shares of stock with a par value of one dollar each. It issued a circular stating that it owned 650 acres of land with an oil well on it, and desired to sell stock for the purpose of drilling more wells. It sold a great deal of this stock, mostly to small investors. The receipts from the sale of the stock were appropriated by the officers of the company, and no more wells were drilled. Their statement was in a way true, yet in the whole it was a fraud of the worst kind.

Another company incorporated for a million shares, of the value of one dollar. After selling considerable stock, it was prosecuted by officers of the Federal Government for the fraud-

ulent use of the mails. In this suit it was proven that the company owned neither oil land nor oil leases. It fact it had no material assets whatever.

Between the years of 1902 and 1908 there were localities in this state where the earnings of small farmers, teachers, clerks, stenographers and other salaried persons were invested in these low priced oil stocks to such an extent that local banks were injuriously affected by the withdrawal of their deposits. In only a few instances did this class of investors receive any returns whatever from their investments.

Recently my attention was particularly called to an insurance company that was being organized in this state. Connected with this company two other companies were being formed. One was a holding company, the other a subsidiary company formed for the purpose of taking over a forty-nine year agents' contract which the promoter had secured from the insurance company. In presenting his plan of business to the public the promoter was asked what he was getting out of it. He replied forty per cent. He afterward stated that this per cent had been reduced to twenty-five. In handling the subsidiary company, the promoter asked several different men to act as president of the company; all, however, declined. To one of these men he offered \$25,000 if he would serve for only six months, stating that he would have no duties to perform. One of the agents of this company stated that he and one other person were receiving twenty-five per cent of the proceeds of the sale of stock as a commission. Thus you will note these people were willing to pay \$25,000 for the use of the name of one person for only six months also they were paying twenty-five per cent of the proceeds of the sale of their stock to agents, and that the promoter retained twenty-five per cent. These transactions took place prior to the time when this company was required by law to come under the jurisdiction of the Insurance Commissioner.

It is not necessary to say that purchasers of stock of this kind, and under those conditions, do not get a fair deal. Such cases as I have just cited are not uncommon, and I have no doubt that each of you have come in contact with many such. All of which should be prevented by law.

Perhaps the best argument for the passage of this bill can be made by answering some of the objections raised against it. The following are some of those objections:

(1) "That it will hurt legitimate enterprises by deterring them from incorporating." This I think is not true. The standing of a corporation that incorporates under the provisions of this act, will be enhanced by the certificate of the commissioner of corporations to such an extent as to more than offset the inconvenience of complying with the law, as, knowing that some competent person whose busi-

ness it is, has investigated its plan of business and manner of incorporation and has issued a certificate stating that the plan on which this corporation proposed to do business is fair and equitable, investors will have a feeling of confidence that they would not otherwise have.

If one-fourth of the eggs that you break into your egg cup for breakfast were spoiled, it would disgust you with eggs. But if a law were passed requiring all eggs to be carefully tested as to their soundness, and all the bad ones thrown out, it would assist you in forgetting your past experience with stale eggs, and would strengthen the market for good ones.

The same reason will apply to corporations. A certain per cent of them are organized for illegitimate purpose and are bad. Any means devised whereby the bad ones can be prevented from incorporating, will not injure or retard legitimate corporation but will assist in eliminating from the minds of the public their past unpleasant experience with crooked ones.

The physician of standing is not injured by the law that requires practicing physicians to procure a certificate showing that they are qualified to practice medicine. On the contrary he is benefitted by this requirement and the public protected. This law simply requires a certificate showing good business plans from all corporations before they attempt to transact business with the people, and if it becomes a law, legitimate corporation will not only be not injured, but benefited, and the public protected.

(2) It is argued that, "this law takes of the nature of paternalism, and that it is useless to endeavor to protect the public in business enterprises." Other words, it is argued that "a father and his money will soon part under any circumstances." If passing law to protect the unwary from imposters is paternalism, so also are the banking laws, the building and loan laws regulating insurance companies and the public utilities act. As I have said, "too large a per cent of the public are unable to inform themselves as to the standing of such institution and it is no more paternalism to protect the public against unscrupulous business enterprises by requiring them to have a certificate of good character and good intentions, than is to require those who desire to enter into the banking business to first submit their plans of doing business to the Superintendent of Banks for his approval. It is no more paternalism to protect a man's property against false business methods than it is to protect his health by having the pure food law. It would be as reasonable to allow some quack doctor to practice on the public without a certificate, to steal his health, as to allow some smooth-tongued promoter to swindle out of its money by false representations.

(3) Perhaps the strongest argument against this measure is that "it vests the commissioner with too much

power." It is urged that he could, with a word, stifle legitimate enterprises, or that he might be corruptly tempted to allow unworthy enterprises to be promoted. My reply to this is, that the commissioner will occupy a similar position as do the judges of our courts. He will have the same aspirations to do good, and the same temptations to do wrong. He will be threatened and bullied just as some of them have been threatened. He will no doubt make mistakes just as some of our judges have erred, but in the main he will be as honorable and upright as they. At the present time there is a case pending in one of the courts of this state, in which property valued at hundreds of millions of dollars is involved, yet no one fears that a dishonest decision will be rendered, and none of us would for a moment entertain the idea of doing away with our courts because of the power they possess.

(4) Some have objected to the provisions whereby all papers filed with the corporation commissioner shall be open to the public, arguing that "this is contrary to good business principles."

Only corporations and stock companies that desire to offer their securities to the public are affected by this act. If they expect to offer their securities to the public, there can be no reason why any portion of their plan of business should be kept secret from the public.

(5) It has been urged that "at times it is necessary to act promptly in forming a corporation, and that the time required for the corporation commissioner to examine the applicant's papers, (as required in this act) would prevent the carrying out of the transaction for which the corporation was desired to be formed."

To that I would say that section five of the act safeguards the incorporator in such instances, as it provides that "a corporation may, without applying for a certificate under the provisions of this act, issue to each of its directors one share of stock for the purpose of qualifying as directors." And under such conditions "the commissioner may, forthwith, issue to said investment company a temporary permit to issue its securities pending the examination of its statement and other papers."

Section 12 of the act provides for an appeal from any decision of the commissioner, to the Superior Court of the State of California in and for the city and county of San Francisco.

It was deemed wise to designate the court to which appeal could be taken, else the court of some remote county might be selected, thus causing much inconvenience to all parties concerned, and also, that appeals in cases of this kind should be heard by the same court, as near as it is practicable.

This act does not apply to what are known as close corporations, that do not desire to offer their securities to the public, such as are frequently formed by families and mercantile and other establishments for the greater convenience of conducting their business, nor to those subject to the Railroad Commission, nor to those that have secured from the State Banking Department, the Insurance Commissioner or Bureau of Building and Loan, certificates of authority to do business;

nor to corporations subject to Federal regulation; nor to mutual water and irrigation associations. Nor does it attempt to follow the stock or other securities after they have left the ownership of the company that originally issued them. To be able to incorporate, the company must show a reasonably safe plan of doing business, and such plan would not be just, fair or equitable if it proposed to sell its stock for one cent a share so that the purchaser could still impose upon the public with it. A company would not, and should not be allowed to sell its securities with receiving a reasonable value for them.

The laws are for the protection of the people. When the law permits itself to be used for the purpose of incorporating, it brings into life a legal thing, known as a corporation. This thing is given powers by the law that an individual does not possess. That is, to issue and sell stock. Without the aid of the law that thing could not have come into existence. It was begotten by the law and the law should be responsible for its manner of doing business. The law cannot consistently legalize a thing without an effort on its part to protect the public from the acts of that thing. The present corporation laws are committing a crime against the public by allowing dishonest men to incorporate their business without knowing something of the manner in which they expect to conduct that business, and should be so amended or new legislation enacted, as to prevent the legal creation of a thing that may, and in thousands of instances has, become a menace to the public.

The foundation of our commonwealth is the man of small means, the small merchant, the clerical man with small income, the small farmer, the man who labors with his hands, either for himself or for his employer and has saved a few hundred dollars. He it is who needs, and is entitled to have all the law can give.

It goes without saying that we do not wish to injure legitimate business, the safeguards placed around him that

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nor to place obstacles in the paths of honest men, and I am thoroughly convinced that this law will do neither. It may not be perfect and will probably need to be amended, but the principle on which it is based, of protecting those that need protection, is correct, and after recalling the many instances of gross fraud that have been practiced by unscrupulous companies, I wonder that such a law has not been placed on our statute books long ago.

W. F. CHANDLER,
Fresno, California.

APPOINTMENT OF COMMERCIAL ATTACHES.

The Department of Commerce announces the appointment of seven commercial attaches to undertake the new service of American trade promotion abroad, recently authorized by Congress. They will be accredited by the State Department to the embassies and legations of the United States in the Foreign capitals named.

The following may be of interest to our readers:

Mr. Julian H. Arnold, of California, commercial attaché at Peking, has

been in the consular service since 1902, being now transferred from the position of consul general at Hankow. Mr. Arnold speaks Chinese in its various dialects and has traveled in all parts of China on commercial studies.

Dr. Albert Hale, of Indiana, commercial attaché at Buenos Aires, has made several tours of South America for the Pan American Union, and is an authority on the trade and progress of the countries south of the United States.

Mr. Lincoln Hutchinson, commercial attaché at Rio de Janeiro, now associate professor of commerce in the University of California, has had experience in banking and has made special studies of trade conditions in Latin America for the Department of Commerce. He has traveled in nearly every part of the world.

Mr. A. L. Harrington, of Ohio, commercial attaché at Lima, has had practical experience in railroad work, was an officer of the Philippine Constabulary; and for the last four years has been engaged in commercial work in the East Indies.

American manufacturers and exporters desiring to communicate with any of the commercial attaches should address their letters to the Bureau of Foreign and Domestic Commerce, Washington, D. C.

BRITISH COLUMBIA INDUSTRIAL NOTES.

[Consul General R. E. Mansfield, Vancouver, Canada.]

West Vancouver Water System.

West Vancouver, one of the many suburbs of this city, is planning to install a new water system. A concrete dam 100 feet long and 26 feet high, capable of holding 1,100,000 gallons of water, will be constructed at a cost of \$15,500. The system will include 15 miles of lap-weld steel pipe, 2,000 of which will be 12-inch and an equal length 10 and 8 inch. The lateral pipes will be of 4 and 6 inch steel, and provision has been made for the erection of 65 hydrants for fire protection purposes. The estimated cost of the system is \$120,000.

New Box Factory for British Columbia

A company composed of Boston capitalists, with \$250,000 capital, plans a box factory on the Fraser River, adjacent to Vancouver, which will employ 200 persons. The location of the factory in British Columbia is due to the fact that a plentiful supply of the kinds of wood to be used in the construction of the boxes, including cottonwood, spruce, hemlock, fir, and alder, is to be obtained in the Province at prices below those prevailing for the same class of material in the United States. That the plant will begin operations under favorable auspices is shown by the fact that orders have already been secured from Ceylon and India for a large number of tea boxes.

PAINTING THE EIFFEL TOWER.

For the fifth time since its erection the Eiffel tower is receiving a new dress of orange yellow. Sixty thousand pounds of paint is needed to adorn the great tower and 50 painters will be employed daily for three months. The new robe costs \$20,000.—EX.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, none. Owners, J. and M. Dempnink, 728 Hyde street, S. F. The building will be erected on the east side of Hyde street north of Vallejo, covering an area of 25 by 72 feet. Interior has been arranged for six modern suites of three and four rooms. Interior finish will be of pine and hardwood veneer with hardwood floors in the principal rooms. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, brick and frame, \$30,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Max Kolander. The building will be erected at the southeast corner of Franklin and Sacramento streets, and has been designed to contain twelve suites arranged in apartments of two, three and four rooms. Interiors will be finished in pine, walnut and other hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with pressed brick veneer. Plans are complete and figures are being taken.

BONDS.

HOLTVILLE, IMPERIAL CO., CAL.—Bonds in the sum of \$33,000 for the construction of sewers and \$2,000 for the erection of a bridge over Alamo River have been voted at Holtville. The Wilson-Crammer Co. of Denver have signed to take over the bonds as soon as they are ready for delivery. Bids on the sewer and bridge work will be called for as soon as possible.

IMPERIAL, IMPERIAL CO., CAL.—An election will be held here on October 23th in the Imperial Irrigation District at which time the voters will determine the issuing of bonds in the sum of \$3,500,000 for the purpose of acquiring all canals, system and water works by which water is now furnished to lands in the district by the California Development Company. C. Borry is the secretary of the Imperial Irrigation District.

SAN FERNANDO, LOS ANGELES CO., CAL.—The proposed bond issue in the sum of \$150,000 for the erection of Fernando carried by a large majority. Fernando carried by a large majority. John C. Austin is the architect for the new school.

COLTON, SAN BERNARDINO CO., CAL.—Allison & Allison have been selected as the architects for a new school building to be built here and for which a bond election will be held to raise funds for the erection of same.

VENICE, LOS ANGELES CO., CAL.—An ordinance has been adopted by the City Council here for a special bond election to be held on November 9th for the purpose of voting bonds in the sum of \$30,000, the funds to be used in the construction of an outfall sewer pipe from the septic tank to the bed of the Pacific Ocean. At the same time the question of issuing bonds of \$30,000 for the construction of a fire house and the purchase of the necessary apparatus will be voted on. C. S. Thatcher is the City Clerk from whom further information may be had.

HAYRE, MONT.—The County Commissioners have decided to hold a special election to vote bonds in the sum of \$125,000 for the construction of a court house and jail building. J. H. Devine is County Clerk.

SEATTLE, WASH.—The promoters of the proposed terminals for the International Terminal & Transportation Co., in the vicinity of Pike street, state that bonds for the construction of the \$50,000 terminals proposed at that locality are now being issued and that half of the initial issued of \$20,000,000 has been subscribed to by local material dealers and that work will proceed as soon as sufficient funds have been added to the bonds already subscribed to.

AZUSA, LOS ANGELES CO., CAL.—An ordinance has been adopted by the Board of Trustees, calling for a special bond election to be held on October 24th. Should the issue carry, bonds in the sum of \$35,000 will be sold for the purpose of purchasing and constructing water works and system with water development. At the same time the voters will decide the question of issuing \$20,000 in bonds for the acquisition and construction of an electric distributing system. G. A. Thompson is the City Clerk.

PACOMA SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election has been held for the issuing of bonds in the sum of \$15,000 for the purpose of raising money for the purchase of a new school building, insuring and furnishing the same. H. P. Canby is one of the Trustees.

SAN FERNANDO, LOS ANGELES CO., CAL.—Another election will be held in the Morningside School District for the voting of bonds of \$50,000 to erect a new school building. The issue which was voted some time ago and carried has been declared illegal.

INGLEWOOD, LOS ANGELES CO., CAL.—October 20th is the date set for the voting of bonds of \$15,000 to be used in the erection of a school building and equipping same with the necessary furniture.

ALBANY, ORE.—A. C. Schmitt, president of the School Board has called a

meeting of the School Directors regarding the new Junior High School building. Mr. Schmitt stated that owing to the condition of the bond market the bonds for the new building have not yet been sold.

SAN FRANCISCO—City Treasurer John E. McDougall reports that \$30,953.53 of the Municipal Railway bonds and \$261,736.10 City Hall bonds have been sold to Bond & Goodwin, bond brokers.

BRIDGES AND DAMS.

REDLANDS, SAN BERNARDINO CO., CAL.—Dam, concrete and earth. Cost not stated. Engineer's name not given. Owners, Tri-Counties Reforestation District. The Tri-Counties Reforestation committee has under discussion a project for the construction of a great 4,000 foot dam 12 feet in height across the mouth of Santa Ana canyon, it being argued that silt will form which will spread the water over a vast area later to be conducted by channels into an artesian basin. This is the latest idea for the conservation of water which is now being wasted.

RED BLUFF, TEHAMA CO., CAL.—Bridge, timber construction. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans and specifications for a wooden bridge to be erected over the Salt Creek slough in Road District No. 4 have been adopted by the Board of Supervisors, and bids will be received for construction of same until November 5th at 10 a. m.

ARCADE CREEK, SACRAMENTO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Plans and specifications have been completed and have received the approval of the Board of Supervisors for a reinforced concrete road bridge to be constructed over the Arcade Creek on the Auburn road. Bids are now being taken and will be opened by the Board of Supervisors on October 29th. Plans and specifications can be secured from the County Surveyor.

SALINAS, MONTEREY CO., CAL.—Bridge, concrete and steel, \$5,000. Engineer, County Surveyor, Salinas. Owners, Monterey County. Two bids were received by the Supervisors for the construction of the tri-county bridge at Aromas. H. E. Rowe bid \$5,600 and Messmer & Rice, \$5,000. Both bids were rejected and the Clerk was ordered to advertise for new bids to be opened on November 10th.

SAN LAUIS OBISPO, SAN LAUIS OBISPO CO., CAL.—Bridge, reinforced concrete, \$3,000. Engineer, County Surveyor A. F. Parsons, San Luis Obispo. Owners, San Luis Obispo County. Bids opened by the Board of Supervisors for the construction of the Paloma Creek bridge have been rejected. After

considerable discussion it was decided to build the structure by Day Labor. The structure will be of reinforced concrete construction, and will be constructed under the supervision of County Surveyor A. F. Parsons and Supervisor E. W. Black.

FAIRFAX, MARIN CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Plans are complete and figures are now being taken for a reinforced concrete bridge to be erected on the Fairfax-Bolinas road just south of the town of Fairfax. Alternate bids will be received for timber construction in case the reinforced concrete structure runs above the estimate. Bids will be opened by the Board of Supervisors on November 10th. Plans and specifications can be secured from the County Surveyor.

FRESNO, FRESNO CO., CAL.—Bridge and grading. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Bids will be received up to November 6th for improving the Dunlap Cut-off road and for constructing a reinforced concrete bridge 75 feet long. The work is estimated to cost \$6,500. Plans and specifications can be secured from the County Surveyor.

HOLLISTER, SAN BENITO CO., CAL.—Bridge and road work. Cost not stated. Engineer, County Surveyor, Hollister. Owners, San Benito County. At a regular meeting of the Board of Supervisors the following matters were discussed: Bids for the tri-county bridge at Aromas were rejected. All bids were too high. New bids will be called for immediately. Revised plans and specifications for the jetties and piling on the Hollister-San Juan bridge were adopted and bids were ordered called, to be opened November 2nd at 2 p. m. The Board accepted plans and specifications for the Hollister-Cienega road, and ordered bids called, to be opened November 2nd at 2 p. m. No bids were received for constructing the Collins bridge, which is estimated to cost \$3,850, and the County Surveyor was ordered to have it built under the Day Labor system.

MARYSVILLE, YUBA CO., CAL.—Bridge, reinforced concrete, \$134,000. Engineer, County Surveyor, Marysville. Owners, Yuba County. A statement published in the Marysville Appeal on October 16th states that the Clinton Fireproofing Co., Mutual Bank Bldg., S. F., had abandoned their contract for the construction of the D street bridge in that city, a job amounting to \$134,000. R. E. Parker, manager of the Clinton Fireproofing Co. has stated to a representative of the Building and Industrial News that his company has no such intention, and that already three cars of equipment and materials are on the job. Work will be started on the big bridge by the Clinton Co. at once.

WESTPORT, ORE.—Trestle, timber construction. Cost not stated. Engineer, Engineering Dept. of Columbia & Nehalem Railroad, Westport. Owners, Columbia & Nehalem Railroad Co. This contract will be divided into two parts—the trestle work and furnishing and placing lumber in the bent trestle. The trestle will be 1,352 feet long and from 15 to 70 feet high. In the lumber contract there will be required in the

neighborhood of 100,000 feet of lumber. The company will furnish the contractor with an engine and two pile drivers. Plans are complete and figures are now being taken.

Contracts Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Bridges, 2, reinforced concrete and steel. Cost not stated. Engineer, City Engineer, Santa Barbara. Owners, City of Santa Barbara. Contractors, Boardman Construction Co., Santa Barbara, Aliso Creek bridge, \$11,293; Munoz & Munoz, Santa Barbara, Salinas bridge, \$11,324.

CHURCHES.

LOS ANGELES, CAL.—Church, 2 story and base, reinforced concrete, \$200,000. Architects, J. T. Comes and T. F. Imes, Washington Bldg., Pittsburgh, Pa. Owners, St. Vincent's Parish. The building will be erected at the corner of Adams and Figueroa streets, covering an area of 100 by 225 feet. The design will be in the Italian style. Construction will be fireproof. The main portion of the church will be 55 feet high. Interior will be finished in pine and hardwood with ornamental plaster in the main auditorium. There will be steam heat. Marble and tile will be used extensively. Exterior of the building will be faced with pressed brick. A general contract will be let. Working drawings are nearly complete and figures will be taken in about a month.

COURT HOUSES.

SAN FRANCISCO—City Hall work, metal work, skylights, etc. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for furnishing and installing all metal work, skylight work and metal roofing in the new City Hall are complete and figures are now being taken. Bids will be opened by the Board of Public Works on October 28th.

Contracts Awarded.

NEW WESTMINSTER, B. C.—Court House addition, 2 story and base. Class A construction, \$56,000. Architects, Gardiner & Mercer, New Westminster, B. C. Owners, Provincial Government. Contractors, Dominion Construction Co., Northwest Trust Bldg., Vancouver. Contract price, \$56,000. Note: Sub-figures are now being taken. The contract does not include interior hardwood fixtures, elevator work or lighting fixtures. Bids will shortly be called for on these parts of the work.

FACTORIES AND WAREHOUSES.

MARTINEZ, CONTRA COSTA CO., CAL.—Gas plant and main extensions. Cost not stated. Engineer, none. Owner, Contra Costa Gas Co., Martinez. The laying of gas mains will be commenced in this city by the Contra Costa Gas Company within one month, according to statements made by officials of the company. The plant for furnishing the gas will be located in Pittsburg, where a site has recently been purchased. S. Waldo Coleman is president of the company.

RIO VISTA, SOLANO CO., CAL.—Supply depot, frame and corrugated iron. Cost not stated. Engineer, Engineering Department, Standard Oil

Co., S. F. Owners, Standard Oil Co. The Standard Oil Company has leased considerable ground here and will soon start the construction of a supply depot. Three tanks with a capacity of 10,000 gallons are being installed. A garage, supply house and other structures will be erected by the company.

KLAMATH FALLS, ORE.—Saw mill construction, \$90,000. Engineer, F. Hill Hunter, Spokane. Owners, Pelican Bay Lumber Co. Work has been started on the re-building of the plant of the Pelican Bay Lumber Company, which was destroyed by fire recently, causing a loss of \$90,000. A larger mill than before is now being constructed. New machinery of various makes will be installed. F. Hill Hunter of Spokane has full charge of the construction. The work is estimated to cost between \$90,000 and \$100,000.

Contracts Awarded.

SEATTLE, WASH.—Fruit storage warehouse, 6 story and base, reinforced concrete, \$129,300. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, Butler Contracting Co., Central Bldg., Seattle. Contract price, \$129,300. Note: This contract does not include the machinery and other equipment, which has been estimated to cost \$150,000, and which will be let under separate contract.

PORTLAND, ORE.—Stables, 2 story and base, reinforced concrete, \$38,973. Architect, C. C. Rich, care of Building Inspector, Portland. Owners, City of Portland. Contractors, Parker & Banfield, 463 East Stark street, Portland. Contract price, \$38,973.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,600. Architect, none. Owners, Segurson Bros., 308 Guerrero street, S. F. The building will be erected on the south side of Filbert west of Laguna, having a frontage of 25 feet and a depth of 60 feet. There will be two flats of five and six rooms. Interiors will be finished in pine and redwood. Some hardwood floors will be used. Open fire places will be used in the living rooms. Mantels will be of tile or brick. Tile wainscot is specified for the baths and kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Flat alteration, 2 story and base, frame, \$4,000. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owner, P. H. Hanson. The present two-story frame dwelling located at 3125 Grove street will undergo alteration, and be made into a modern flat building containing four flats of three and four rooms. Interior finish, plastering, painting, plumbing and electric work will be required. Exterior of the building will also be altered. Plans are complete and the work will be done by Day Labor under the direction of Alfred Legault, Delger Bldg., Oakland.

GOVERNMENT WORK & SUPPLIES.

Fuel Oil for Panama Canal.

The purchasing officer of the Panama Canal will soon issue a call for bids for furnishing 600,000 barrels, ap-

proximately of fuel oil. This amount is the estimated quantity needed for the year ending December 31, 1915. The Panama Canal will require the delivery of from 20,000 to 50,000 barrels per month and will reserve the option of changing this quantity as needed. There is on each side of the canal two tanks with a storage capacity each of 12,000 barrels. The Panama Canal will be equipped with suitable oil pumps for assisting tank steamers in the unloading of cargoes whenever necessary, and tank steamers must be capable of delivering to the suction end of the Panama Canal pumps at the minimum rate of 1,000 barrels per hour.

Hilo, H. T., Building.

In connection with the construction of the U. S. public building at Hilo, Hawaii, contract for which has been awarded, as previously reported, to the Campbell Building Co., of Salt Lake City, Utah, the following material will be used: Plumbing fixtures, Crane Co.; cabinet and tablet, Crouse-Hines Co.; conduit, National Metal Molding Co.; rubber-covered wire, Safety Insulated Wire and Cable Co.; flush switches, Arrow Electric Co.

Mare Island Quay Wall.

The Thompson Bridge Co., of San Francisco, Cal., will construct a quay wall at Mare Island, Cal., for the sum of \$20,534. The bids were opened at the bureau of yards and docks.

San Diego, Coal Tower.

The McMyler Interstate Co. of Bedford, Ohio, presented the successful bid for furnishing a coal-hoisting tower for the naval station, San Diego, Cal. The contract amounts to \$35,400.

San Francisco, Cal., Vault Equipment.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for vault equipment in the U. S. subtreasury at San Francisco, Cal.:

York Safe and Lock Co., York, Pa., \$5,135.

The Hermann Safe Co., San Francisco, Cal., \$5,391.

Cheyenne, Wyo., Repairs.

The following bids were received by the custodian, U. S. post office, Cheyenne, Wyo., recently for repairs to stonework at the U. S. post office Cheyenne, Wyo.:

T. J. Spraul, Cheyenne, Wyo., \$3,955; 60 days.

W. J. Wilseck, Cheyenne, Wyo., \$4,500; 90 days.

R. M. Bradley Co., Cheyenne, Wyo., \$1,500; 60 days.

Valves and Retainers.

Abstract of proposals received by U. S. Reclamation Service in connection with advertisement No. 339, for sand-trap valves and bronze retainers for the Salt River project, Ariz., bids opened at Los Angeles, Cal.:

Llewellyn Iron Works, Los Angeles, Cal., \$72.

Los Angeles Engine Works, Los Angeles, Cal., \$88.10.

Fulton Engine Works, Los Angeles, Cal., \$92.

Baker Iron Works, Los Angeles, Cal., \$100.

San Francisco, Cal., Lumber.

The contract for furnishing lumber for remodeling building No. 21, etc., at

the U. S. quarantine station, San Francisco, Cal., has been awarded to Hart-Wood Lumber Co. at \$834.16.

Honolulu Lumber.

Charles Nelson & Co., of San Francisco, Cal., has the contract for furnishing 560,396 feet of lumber at Honolulu at \$9.80 per M; plus \$5.50 for transportation.

Las Animas, Colo., Water Heater.

The following bid was received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for installing a feed-water heater in the Naval Hospital, Las Animas, Colo.:

The Industrial Heating & Engineering Co., Milwaukee, Wis., \$1,516.

Point Reyes, Cal., Fog Signal Apparatus.

The following bid was received by the light house inspector, 15th District, San Francisco, Cal., for one fog signal apparatus for Point Reyes Light Station, Cal.:

Diaphone Signal Co., Toronto, Canada, \$1,363; accepted.

San Francisco, Cal., Repairs.

The contract for repairing the floor in bath room, etc., at the U. S. Marine Hospital, San Francisco, Cal., has been awarded to J. J. Murray at \$519.

SEATTLE, WASH.—Power house, 2 story and base, reinforced concrete, \$60,000. Architects, Carl F. Gould and Charles Bebb, associated with Cavanaugh & Young, United States Engineers, Burke Bldg., Seattle. Owners, United States Government. The building will be erected at the Narrows on the Lake Washington Canal, and will cover an area of 47 by 67 feet. Construction will be fireproof. Interior will be finished in marble and cement plaster with cork floors. Plans provide for a heating and ventilating system. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

PACIFIC COAST HARBORS AND RIVERS GET APPROPRIATIONS.

Allotments of the \$20,000,000 appropriated by Congress for river and harbor improvements are announced by the Board of Army Engineers. Pacific Coast allotments are:

Sacramento and Feather rivers, \$60,000.

Los Angeles harbor, \$42,000.

Oakland harbor, \$58,000.

Humboldt Bay, \$200,000.

Coos Bay, Oregon, \$70,000.

Coquille River, Oregon, \$26,000.

Sinslaw River, Oregon, \$5,000.

Snake River, \$5,000.

Columbia River, at mouth, \$1,000,000; below Portland, \$200,000; upper river, \$355,000.

Willamette and Yamhill rivers, above Portland, \$25,000.

Grays Harbor and Chehalis River, \$15,000; Gray's Harbor and bar, \$110,000.

Collitz and Lewis rivers, \$6,000.

The largest single item to be \$3,750,000 to the Mississippi River Commission.

HALLS AND SOCIETY BUILDINGS.

TACOMA, WASH.—Lodge hall and stores, 4 story and base, reinforced

concrete, \$10,000. Architect, C. Fere Champney, Henry Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will be erected at the corner of 7th and C streets, and will be of fireproof construction throughout, with reinforced concrete walls, floors and hollow tile interior partitions. The entire building will be devoted to the use of the owners. Plans provide for a large assembly hall, banquet room, gymnasium with a large swimming tank, and social rooms. Upper floors will be arranged for living apartments. Interior will be finished in pine and hardwood. There will be steam heat, an automatic elevator, hot water system and vacuum cleaning. Large open fire places will be a feature of a number of the rooms. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be taken shortly.

HOSPITALS.

SAN FRANCISCO—Pathological ward, 2 story and base. Class A construction, \$70,000. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected on 22nd street, adjoining other buildings of the new San Francisco Hospital group, have been completed and turned over to the Public Buildings Committee for approval. The building will cover an area of 97 by 155 feet and will have a complete steel frame, brick and concrete walls, hollow tile interior partitions and concrete floors. Interior will be finished in pine, hardwoods and tile. Special equipment and special hospital plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Bids will be called for shortly.

SAN FRANCISCO—Hospital, 5 story and base. Class A construction, \$150,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Cooper Medical College. This building will be erected on Webster street between Sacramento and Clay, and will be arranged for wards and private rooms, laboratories and nurses' quarters. There will be a complete steel frame, brick walls, concrete floors and hollow tile interior partitions. Interior finish will be of pine and hardwoods. There will be steam heat, oil burning equipment, elevator service, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Working drawings are complete and figures will be called for shortly.

HOTELS.

FRESNO, FRESNO CO., CAL.—Hotel and stores, 4 story and base brick and steel, \$75,000. Architect, R. E. Felchin, Fresno. Owners, Berry Estate. The building will be erected on the site of the former Fulton Hotel destroyed by fire. The building will have stores on the first floor beside the hotel office and lobby. Upper floor will contain a total of 63 guest room and 35 baths. Interior finish will be of pine and hardwood. The floors will be used in the baths. Plans provide for steam heat and a hot water system. Patent store fronts will be used. Exterior of the building will be faced

with oressed brick. Plans are nearly complete and figures will be called for in about two weeks.

PANAMA—PACIFIC EXPOSITION WORK.

SAN FRANCISCO—State Exhibit building, 1 and 2 story and base, frame and plaster, \$20,000. Architect, Meuse, Service Bldg., S. F. Owners, State of Alabama. The building will be a part one and part two story structure, and will contain a large reception hall, motion picture hall and lecture rooms. Interior will be finished in redwood and pine. Reception rooms for the state officials will also be provided. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the contractors for figures.

POST OFFICES.

SAN FRANCISCO—Sub-post office, 2 story and base, reinforced concrete and steel. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Healy-Tibbitts Construction has been awarded a contract by the State Board of Harbor Commissioners for the foundation work on the new post office to be constructed south of the main Ferry Building. The contract price is \$27,699. The State Department of Engineering is now engaged on the working drawings for the building proper and plans will be out for figures some time next month.

RAILROAD CONSTRUCTION AND EQUIPMENT.

RICHMOND, CONTRA COSTA CO., CAL.—Railroad station, 1 story, frame and plaster, \$5,000. Architect, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The Southern Pacific Company states that actual construction will be started within a few days on the new passenger station to be erected at Richmond. The building will be of frame and plaster and cost in the neighborhood of \$6,000. Work will also be started shortly on the new freight sheds and track work at Richmond, which has been estimated to cost \$18,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Oscar Lind, 4285 25th street, S. F. The dwelling will be erected on the west side of 10th avenue south of Balboa street, and has been designed for a six room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Costello and Peierick, 93 College avenue, S. F. The dwelling will be erected on the east side of 19th

avenue north of Balboa, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room and dining room. There will be an open fire place and tile mantel. An automatic water heater will be installed. The wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, Ralph J. Button, 1212 4th avenue, S. F. The dwelling, designed for a seven-room house with bath and sleeping porch, will be erected on the east side of 26th avenue north of Irving. Interior will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with rustic, shingles and clinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence alterations, 7, 3 story frame, \$14,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners, Pacific Realty Co. Seven old fashioned residences located on Pacific avenue near Buchanan will undergo extensive repairs. The work will include new interior finish, mill work, hardwood floors, plumbing, painting, plastering, electric work and mantels. Furnaces will be installed in some of the houses. Exteriors will also be altered. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. These two houses will be erected on the west side of 43rd avenue north of Fulton, and each has been designed for an eight-room dwelling with bath and sleeping porch. Interiors will be finished in pine with some hardwood veneer and white enamel. Hardwood floors will be used in the living room, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and tile wainscot will be used in the kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Miss Margaret Little. The dwelling will be erected in Northbrae, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Bath room will

have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$2,800. Architect, Clay N. Burdell, Albany Bldg., Oakland. Owner, Mr. Murphy. The dwelling will be erected in East Oakland, and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. George Fredericks. The dwelling will be erected in Piedmont by the Lake, and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood with white enamel in the chambers. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$3,000. Architect, none. Owner, James McGuinness, 3615 East 16th street, Oakland. The dwelling has been designed for a six-room house with bath and will be erected on the west side of Beaumont avenue near East 33th street. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, \$2,500. Architect, none. Owner, John Jennings, 4127 I street, Sacramento. The dwelling will be erected on G street between 11st and 42nd, and has been designed for a five-room house with bath. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue south of Anza, and has been designed to contain six rooms with bath. Interior finish will be of pine

and redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room. Mantel will be of tile or brick. The wainscot will be used in the bath room. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,500. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Rose Buckingham. The dwelling will be erected on the north side of Jackson street west of Divisadero, and has been designed to contain nine rooms, two baths and a garage. Interior will be finished in pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used throughout, except in the bath rooms which will have tile floors. There will be furnace heat and open fire places. An automatic water heater will be installed. Mantels will be of tile or brick. Exterior of the house will be covered with shingles and brick veneer. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Leo L. Nichols, First Trust Bldg., Oakland. Owner, A. Kleppinger. The dwelling will be erected at the corner of Broadway and Ridgeway, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MOUNTAIN VIEW, SANTA CLARA CO., CAL.—Residence, 1½ story and base, frame, \$6,000. Architect, F. D. Wolfe, San Jose. Owner, H. A. Krenstreff, First National Bank Bldg., San Jose. The dwelling has been designed for a nine-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 1½ story and base, frame, \$10,000. Architect, F. D. Wolfe, San Jose. Owner, Victor Scheller, First National Bank Bldg., San Jose. The dwelling will be erected near Evergreen, and has been designed for a ten-room house with two baths and sleeping porches. Interior will be finished in pine and hardwood with white enamel in the bed rooms. There will be hardwood and tile floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

SAUSALITO, MARIN CO., CAL.—Residence, 2 story and base, frame, \$6,700. Architect, none. Owner, P. B. Lawrence. Contractor, E. E. Etherton, Monadnock Bldg., S. F. Contract price, \$6,700.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$7,500. Architect, Fay Spangler, Monadnock Bldg., S. F. Owner, Mr. Silbey. Contractors, Ruegg Bros., Pacific Bldg., S. F. Contract price, \$7,500.

SCHOOLS.

PENDLETON, ORE.—Parochial school, 2½ story and base, brick, \$35,000. Architects, Houghtaling & Dugan, Henry Bldg., Portland. Owners, Roman Catholic Church of Pendleton. The building will be in the nature of an addition to the present school, which is of frame construction. The new portion will contain a large auditorium and offices in addition to the class rooms. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. There will be steam heat. All interior trim in the old portion of the building will be replaced with new and partitions of metal lath and plaster will be installed. Exterior of the new building will be faced with pressed brick. Plans are being prepared.

LA GRANDE, ORE.—School, 2 story and base, brick and mill construction, \$75,000. Architects, Houghtaling & Dugan, Henry Bldg., Portland. Owners, Roman Catholic Church. The building will cover a large area and will be of the mill construction type with brick exterior walls and frame interior. There will be a large chapel, class rooms, recitation rooms, a dormitory for the boarding students and quarters for the sisters. Interior will be finished in pine throughout with maple floors in the class rooms. There will be steam heat and hot water supply. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared and figures will be called for shortly.

PORTLAND, ORE.—School, 2½ story and base, reinforced concrete, \$55,000. Architect, T. J. Jones, 334 East Third street, Portland. Owners, Richmond School District. The building will cover an area of 47 by 170 feet. There will be nineteen class rooms, an auditorium, offices and recitation rooms. Basement will be arranged for a gymnasium and toilets. Interior will be finished in pine throughout with maple floors in the class rooms. Steam heat will be installed, the main plant being housed in an adjoining building. Exterior will be faced with cement plaster. Modern school plumbing will be used. Plans are complete and figures will be called for shortly.

FOLSOM, SACRAMENTO CO., CAL.—School, 1 and 2 story and base, hollow tile construction, \$25,000. Architects, George C. Sellon and Alden W. Campbell, 1005 K street, Sacramento. Owners, Granite School District. This work has been out for figures before, but plans were revised and new figures are now being called. Bids will be opened on October 24th. Plans and specifications can be secured from the architects.

SAN FRANCISCO—School plumbing work. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and completing the plumbing in the Academic Building of the Polytechnic group, show James H. Pinkerton low at \$14,395. A complete list of the figures received will be found under the heading of San Francisco in this issue.

DIXON, SOLANO CO., CAL.—School, 2 story and base, frame and plaster, \$35,000. Architect, Irwin Schaefer, Plaza Bldg., Oakland. Owners, Dixon School District. The building will contain eight class rooms and an assembly hall. Interior finish will be of pine throughout with some maple floors. Plans provide for steam heat and modern school plumbing. There will be composition blackboards. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared. Further mention will be made of the work when figures are called.

SEATTLE, WASH.—School, 3 story and base. Class A construction, \$350,000. Architect, Edgar Blair, 1426 Jackson street, Seattle. Owners, Ballard School District. The building will be erected at the northwest corner of 14th avenue and West 65th street, and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls and floors, hollow tile interior partitions and pressed brick facing. The building will contain a large number of class rooms, lecture halls, teachers' rooms, general office, an assembly hall and an auditorium and department for domestic science and manual training. Interior finish will be of pine and hardwood. Maple floors will be used in the class room and auditorium. Plans provide for steam heat and an oil burning system, vacuum cleaning, program clocks and slate blackboards. Bids will be taken on a general contract, including all work, and also for the general construction with one alternate and separately for the plumbing, heating and ventilations, electric work and program clocks. Plans are complete and figures are being taken. Bids will be opened on October 28th.

Contracts Awarded.

ALHAMBRA, LOS ANGELES CO., CAL.—Schools, 3, 1 and 2 story. Class C construction, \$66,435. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Alhambra High School District. Contractors, John Simpson Co., Baker-Detwiler Bldg., L. A. general construction, \$66,435; Alhambra Wall Paper and Paint Co., Alhambra, painting, \$3,245; J. M. Mullins Electric Co., Baker-Detwiler Bldg., L. A. heating and ventilating, \$8,822.50, and C. E. McPeak, Glendale, plumbing, \$8,527.

LOS ANGELES, CAL.—School, 2 story and base, brick, \$23,511. Architect, Architectural Dept. Board of Education, L. A. Owners, City of Los Angeles. Contractors, Hetzel-Winget Co., Grant Bldg., L. A. Contract price, \$23,511.

LOS ANGELES, CAL.—School, 2 story and base, concrete and brick, \$66,700. Architect, Architectural Dept. of Board of Education, L. A. Owners, City of

Los Angeles. Contractor, Alex. Grant, 1201 West 37th street, L. A. Contract price, \$66,700.

SEWERS, STREET WORK & WATER SYSTEMS.

MONTAVILLE, ORE.—Sewer system, \$183,000. Engineer, City Engineer, Montaville. Owners, City of Montaville. Plans are nearly complete for the construction of a new sewer system known as the Willow and East 82nd street branch. This work includes practically the entire system for the city. The contractor will be allowed 330 days to complete the work. Plans and specifications can be secured from the City Clerk. Bids will be called for in a few days.

ORLAND, GLENN CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Orland. Owners, City of Orland. The Trustees of this city have ordered the city engineer to make complete plans and specifications for the extension of the sewer and water systems. As soon as this is done, bids for the construction of same will be advertised for.

RED BLUFF, TEHAMA CO., CAL.—City water system, \$85,000. Engineer not selected. Owners, City of Red Bluff. Fred McDowell, who has charge of the circulation of a petition which asks that the City Trustees set a date when the people of the city will be called upon to vote bonds in the sum of \$85,000 to establish a municipal water system, states that over 300 signatures have been attached to the proposition. Only 220 names are needed to assure the placing of the question before the voters.

SACRAMENTO, CAL.—Trunk line sewer, \$55,000. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The bid of the Matthews Construction Co. for the new trunk line sewer has been rejected by the City Commission on the ground that it was not according to the requirements of the advertisement. This action follows a protest made by Teichert & Ambrose and Carnahan & Mulford. Matthews bid on the work as a whole instead of bidding for units as the specifications required. He agreed to do the work for \$56,800, whereas his bids for materials totals only \$30,000. New bids will be opened next week.

REDWOOD CITY, SAN MATEO CO., CAL.—Retaining wall and culvert, concrete construction. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. At the last meeting of the Board of Supervisors it was ordered that plans and specifications for a culvert and retaining wall on the Sawyer Camp road be adopted and the Clerk publish a notice calling for bids for construction of same. It was also ordered that the Surveyor prepare plans and specifications for a road and bridge near Salada creek.

SAN JOSE, SANTA CLARA CO., CAL.—Street work, grading and asphalt paving. Cost not stated. Engineer, City Engineer, San Jose. Owners, City of San Jose. Plans and specifications for improving University avenue from the city limits to Palo Alto westerly to the State Highway have been adopted by the Board of Supervisors here and bids will be received for same on November 2nd at 11 p. m.

RIO VISTA, SOLANO CO., CAL.—Street work, asphalt paving and concrete curbs. Cost not stated. Engineer, City Engineer, Rio Vista. Owners, Town of Rio Vista. Plans and specifications have been completed and received the approval of the City Trustees for paving Main street with asphalt and constructing concrete curbs. Bids are now being taken and will be opened on October 29th. Plans and specifications can be secured at the office of the City Clerk.

FRESNO, FRESNO CO., CAL.—Water pressure system, \$3,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. A request for an appropriation of \$2,000 to \$3,000 to start a water pressure system at Roeding Park has been put before the Park Commission. The matter will be considered at the next meeting of the Commission.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, San Bernardino. Owners, San Bernardino County. On condition that the Board of Supervisors of this county will construct a road from Daggett to Francis Springs, the people of Clarke County, Nevada, have agreed to construct a road as far as the springs in this county. The road will be a main thoroughfare for automobiles from Santa Lake City to Daggett. The Nevada people declare Silver Lake people are passing a petition to be presented to the Supervisors for an appropriation to build the road.

SIEVER'S CANYON ROAD, ORANGE CO., CAL.—Road work, surfacing and grading. Cost not stated. Engineer, County Surveyor, Santa Ana. Owners, Orange County. Plans are complete and figures are now being taken for grading and surfacing the Siever's Canyon road from Rancho Mission Viejo to the easterly county line. Bids will be opened for this work on November 4th. Plans and specifications can be secured from the County Surveyor.

PRINEVILLE, ORE.—Storage dam, reinforced concrete. Cost not stated. Engineers, United States Reclamation Service, Portland. Owners, United States Government. A crew of men under State Engineer John H. Lewis have completed prospect work on the U. S. Reclamation Service site for a storage dam at Stewart's Gate, on Crooked River, about 30 miles south of Prineville. The project is being considered for the purpose of storing water for the farming section north of Prineville, covering several thousand acres. The plan is for a dam 180 feet in height, which would back water up for a distance of more than 15 miles.

BAKERSFIELD, KERN CO., CAL.—Transmission line. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. The Power Equipment Co., Rialto Bldg., S. F., submitted the lowest figure at \$11,000 for constructing 9.5 miles of transmission line in Kern County. John R. Cahill, 160 Montgomery street, S. F., submitted the only other figure at \$16,740. Both bids were taken under advisement by the County Highway Commission.

Contracts Awarded.

POCATELLO, IDAHO.—Sewer work, \$24,297.55. Engineer, City Engineer, Pocatello. Owners, City of Pocatello.

Contractor, H. M. Barsden, Butte, Montana. Contract price, \$84,075.

STORES AND OFFICES.

SAN FRANCISCO.—Stores, 1 story and base. Class C construction, \$11,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, L. Gondotti Estate Co. The building will be erected at the northeast corner of Hayes and Octavia streets and will cover an area of 38 by 120 feet. A complete basement will be constructed. There will be a number of retail stores, all finished in pine with hardwood in the display windows. Patent store fronts will be used. There will be the vestibules and marble bases. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken. A contract for the excavating has already been awarded.

SAN FRANCISCO.—Store, 1 story, frame, \$5,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 1011 Hyde street, S. F. The building will be erected at the southwest corner of Clay and Leavenworth streets, covering an area of 67½ by 43 feet. There will be two small stores. Interiors will be finished in pine and redwood with a cement floor. Patent store fronts and plate glass windows will be installed. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO.—Stores, 1 story and base, brick, \$5,000. Architect, none. Owner, Hannah Kerstegh, 1503 Haight street. The building will be erected at the southwest corner of Haight and Schrader streets, and will contain two small stores. Interiors will be finished in pine throughout. There will be patent store fronts and plate glass windows. Marble bases and tile vestibules will be used. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO.—Store and lofts alteration, 2 story and base. Class C construction, \$3,000. Architect, John W. Ettler, 604 Mission street, S. F. Owners, Eothin Estate. The building at 527 Mission street will be altered. An additional story will be added, the floors strengthened and a passageway to the rear built. The work will require some brick work, plastering and interior finish. Exterior will be faced with pressed brick. Plans are complete and segregated figures are being taken.

OAKLAND, CAL.—Stores, 1 story and base, brick and steel. Cost not stated. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, Realty Syndicate, Oakland. The building will be erected on the west side of Franklin street north of 11th, and has been designed to contain five modern stores. Interiors will be finished in pine throughout. There will be patent store fronts and plate glass windows. Marble bases and tile vestibules will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

THEATRES.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Theatre and store, 3 story and base, reinforced concrete, cost not stated. Architects, Havens & Toppke, 16 Kearny street, S. F. Owner's name withheld. The building has been designed to contain a motion picture theatre and one store on the ground floor. Upper floor will be arranged for offices and rooms. Interior finish will be of pine throughout. Some ornamental plaster will be used in the theatre. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

INCORPORATIONS.

Exposition Publishing Company. To deal in paper prints, books and publications. Capital Stock, \$10,000; 100 shares at \$100 each; amount subscribed \$300. Place of business, San Francisco. Directors—H. G. Fehrenbach, C. B. Stone and C. G. Atwood, 1 share each.

Randolph Feature Film Corporation. General motion and moving picture business. Capital Stock, \$200,000; 200,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—K. E. Eakle, F. A. Wilhelm, O. E. Cook, J. Gale and F. W. Randolph, 1 share each.

Crown Drug Co. To deal in all kinds of drugs. Capital Stock, \$20,000; 200 shares at \$100 each; amount subscribed, \$300. Place of business, San Francisco. Directors—J. M. Oliver, G. B. Blankenburg, G. M. Schack, 1 share each.

The United Electric Co. of California. To manufacture and deal in electrical machinery devices and appliances. Capital stock, \$10,000.00, 1,000 shares at \$10.00 each; amount subscribed, \$30.00. Place of business, San Francisco. Directors—G. E. Campbell, P. Santocemma, F. E. McDougall, 1 share each.

Inlaid Floor Company—certified copy. To manufacture, buy and deal in inlaid floors and decorative woodwork. Capital stock, \$25,000.00; 2,500 shares at \$10.00 each. Amount subscribed, \$15.50. Place of business, San Francisco. Subscribers—J. M. Reynolds, A. Gustafson, F. J. Gustafson, R. Enzlin, A. Standberg, D. G. Hanchett.

Water Front Land Company; general real estate business. Capital stock, \$200,000.00; 50 shares at \$4,000 each. Amount subscribed not given. Place of business, San Francisco. Trustees—W. P. Harrison, J. M. Parker, B. M. Atchison, D. Dwyer, G. H. Lovegrove.

COPARTNERSHIPS.

Samuel B. Eaton, A. C. Eaton as Coliseum Garage.

Hugh Givens as The Wearproof Tire Products Co.

P. P. Craft as Apex Feature Service.

CONTRACTOR'S BOND.

N Turk 171-10 1/2 E Taylor E 34-4 1/2 X N 137-6. Zellerbach-Levison Co., owners; California Tile Contracting Co., contractors; Pacific Coast Casualty Co., surety. Bond, \$1700. Filed October 14, 1914.

NOTICE OF NON-RESPONSIBILITY.

Oct. 16, 1914—LOT 7 BLK 6 Crocker Amazon Trct; Lot 38 Blk 3, Crocker Amazon Trct; Lot 8 Blk 14 Crocker Amazon Trct. Crocker East Co as to improvements on leased property
Oct. 16, 1914—N CALIFORNIA 112-6 W Laurel W 25 N 157-7 1/2 E 137-6 S 25 W 112-6 S 132-0 1/2. J J Rauer as to improvements on leased property
Oct. 16, 1914—E WASHINGTON 100 Fifth N 25E 75, Oakland. Minnie Helmke, Charles J. and Augusta M Helmke as to improvements on leased property

ARCHITECT'S CERTIFICATE.

Oct. 15, 1914—Arthur L. Farley, Practiced before Act of March 23, 1901.

EXPOSITION NEWS NOTES

That the citizens of Great Britain are not letting the war interfere with their plans for great industrial exhibits is shown by the arrival on the grounds of the Panama-Pacific International Exposition of several large shipments of British exhibits. These first ones to be received were shipped in September and consist of varnishes and many mining appliances. They are being installed in the exposition exhibit palaces.

Thirty-three tons of agricultural exhibits, shipped from Seattle by the Washington State Exposition committee, have arrived at the Panama-Pacific International Exposition and are being installed in the Palace of Agriculture. Five car loads of social economy exhibits prepared by the United States Steel corporation also have arrived and the first of Spain's exhibits are expected this week.

More than 700 transportation men, representing every railroad in the United States and Canada, arrived in San Francisco on October 11 and studied the Panama-Pacific International Exposition.

Nevada broke ground for the Nevada state building on the grounds of the Panama-Pacific International Exposition on October 3. Lieutenant Governor Gilbert C. Ross wielded the silver spade and the Nevada flag was raised by Miss Dita Belknap, whose father was on the supreme bench in Nevada for twenty-six years. Imported sage brush surrounded the speakers' stand and appropriate songs and speeches were made by exposition and city officials.

The Panama-Pacific International Exposition is 95 per cent completed, more than four months ahead of the opening day. There are 112 buildings that are completed or in course of construction. In "The Zone" 700 artisans are at work rushing this part of the exposition to early completion. On the state and foreign areas 900 men are at work. The Idaho, Wisconsin, North Dakota, New Jersey and Oregon buildings are completed. The others of the forty-three participating states and territories make a good showing. Among the forty participating foreign nations the Canadian and Honduras

pavilions are completed and those farthest along of the others are Turkey, Bolivia, Sweden, Cuba, China, the Netherlands, Argentina and Australia.

SWITCHBOARD CONTRACT OPPOSED.

Representatives of the labor unions and the electrical workers appeared before the Board of Supervisors last Tuesday to protest on an appropriation of \$7,897 to validate an award of a contract already let by the Board of Public Works to the Butte Engineering Company to install switchboards in the Fire Alarm Central Station.

It was claimed that at a conference held some time ago an agreement had been reached that in the construction and installation of the Fire Alarm System all the work possible should be undertaken by the Department of Electricity. The matter has been continued for one week pending an investigation.

MERCHANDISE FOR THE KOOTENAY DISTRICT.

[Consul Frank C. Denison, Fernie, British Columbia, Canada, Sept. 21.]

From interviews with the principal mercantile and industrial interests of this district the following information has been gathered regarding the outlook for increased American hardware trade in connection with the European war conditions.

The principal items in the hardware trade in which there will be a shortage are cutlery and small tools that can be sold at such prices as were formerly obtained for German goods. There are no jobbers in the district.

SUPPLIES NEEDED IN THE YUKON.

[Consul G. C. Cole, Dawson, Yukon Territory, Canada, September 18.]

In view of war conditions, it may be stated that the imports into this district are groceries, feed, foodstuffs, dry goods, clothing, hardware, machinery, furniture, vehicles, etc. All supplies are imported into this part of the district by navigation on the Yukon River. The ice forms on this river about October 1 and remains until the middle of June, and all supplies for the closed season are received during the period of open navigation.

This district produces none of its supplies except a portion of the vegetables. Eastern Canada furnishes most of the supplies and the remaining portion is practically all imported from the United States.

The exports from this district are principally gold bullion and raw furs. The larger portion of gold produced here is exported to the United States and the remaining portion goes to the Canadian mint at Ottawa. The larger portion of raw furs produced here is exported to England and a small portion is exported to the United States. The value of gold bullion exported to the United States since January 1, 1914, is \$2,124,717 and the value of raw furs is \$6,850.

It is said that the first sawmill in the United States was at Jamestown, from which sawed boards were exported in June, 1607. A water-power sawmill was in use in 1625 near the present site of Richmond.

RECEIPTS

Bids Wanted

PROPOSALS FOR CITY HALL WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 28th day of October, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The sheet metal, roofing and skylight work of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed as follows:

Proposition No. 1.....	\$ 2,500.00
Proposition No. 2.....	15,000.00
Proposition No. 3.....	10,000.00
Proposition No. 4.....	30,000.00

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Bureau of Architecture, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.
F. J. CHURCHILL, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 869—Proposals for Structural Steel, Galvanized Steel, Steel Cable, Chain, Nails, Bronze Bars, Brass and Copper Tubing, Buckets, Garbage Cans, Water Coolers, Door Bolts, Tool Handles, Cotton Waste, Magnesia Pipe, Vermorel, Marline, Sandpaper, Oilcloth, Mattress Ticking, Leather, Mattress Tufts, Chamois Skins, Lime Soap, Muratic Acid, Carbon Bisulphide, Paints, Varnish, Cardboard and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. October 27, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular No. 869 may be obtained from this office or the office of the assistant purchasing agent, 1084 North Point Street, San Francisco, Cal.; or from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

STATE OF CALIFORNIA

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on November 3, 1914, at which time they will be publicly opened and read in the presence of the public, and the specifications therefor, to which special reference is made, portions of State Highway as follows:

Colusa County from Williams to Colusa (H-1-Col-15-A), about 8.4 miles

in length, to be built of Portland cement concrete.

Glenn County from the southerly boundary to Willows (H-1-Gle-1-A), about 8.5 miles in length, to be built of Portland cement concrete.

Imperial County from Coyote Wells to Dixieland (Y-1-imp-12-B), about 11.7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Lunsuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The specification on prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to open the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CARLETON,
Acting Secretary. (*)

Dated: October 6, 1914.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M. Tuesday, October 20, 1914, for Painting Stair and Plaster Work in the Festival Hall, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 307, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M. Tuesday, October 20, 1914, for Moving and Resetting Hospital Incinerator—Presidio Reservation, in accordance with the plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 307, Service Building, Fillmore and Chestnut Streets, San

Francisco. Any other information may be had from the Chief of Construction, Room 211 Service Building. (*)

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 871—Office of the General Purchasing Officer, Panama Canal, Washington, D. C.—Sealed proposals will be received here until October 31, 1914, under circular 871 for furnishing Electrical Material, Pipes, Sheet Copper, Steam Suction and Water Hose, Wire Nails, Aluminum Paint, Lampblack in Oil, White Lead in Oil, Chloride of Lime, Lard Oil, Lined Oil, Burnt Slenna, Liquid Coal Tar, Turpentine, Putty, Jamar Varnish, Rubbing Varnish, White Dry Zinc, White Zinc in Oil, Copper Tack, Sheet Zinc, Round Steel and Steel Angles, for further information address F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Sunnyside, Wash.—Sealed proposals will be received at the office of the United States Reclamation Service, Sunnyside, Wash., until 2 o'clock p. m. October 20, 1914, for the construction of about 13.25 miles of main canal extension of the Sunnyside Canal, near Benton City, Wash., with pipe lines, dumes and other appurtenant structures, involving the excavation of approximately 67,400 cubic yards of earth and 17,550 cubic yards of rock, the construction of 6 pipe lines, the total length of which is approximately 1,240 feet; 630 lineal feet of metal dume and the incidental irrigation structures. Particulars may be obtained at the offices of the United States Reclamation Service at North Yakima and Sunnyside, Wash. CHARLES H. SWIGART supervising engineer.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Provo, Utah.—Sealed bids will be received at the office of the United States Reclamation Service at Provo, Utah, until November 15, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 381,000 cubic yards of excavation for structures, 3,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel, complete with concrete lining, approximately 1,700 feet of vitrified pipe of miscellaneous sizes; also 1,400 cubic yards of back-filling and small quantities of rock-filling and stone paving and the placing of steel girders and miscellaneous structural steel. The canal will extend in a southeasterly direction from power plant of the U. S. Reclamation Service, near the mouth of Spanish Fork Canyon, to Station 700 plus 00, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSALS FOR BUOYS.

WHISTLING BUOYS—Sealed proposals will be received at the office of the Light House Inspector, San Francisco, Cal., until 2 o'clock p. m. October 28, 1914, and then opened for furnishing two iron mammoth whistling buoys. Blank proposals and particulars may be obtained by addressing Work Room, Light House Inspector, San Francisco, Cal.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals in-dorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 31, 1914, and then and there publicly opened, for five temporary on-story wooden ward pavilions at the naval hospital reservation, Mare Island Cal. Plans and specifications may be obtained on application to the bureau or to the commanding officer, navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS.

PROPOSALS FOR TOWER AND TANK.

TOWER AND TANK—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 p. m. October 27, 1914, and then opened, for the construction of a concrete water tower, concrete tank, etc., at the quarantine station, Honolulu, Hawaii, in accordance with the specification and drawings, copies of which may be obtained at this office, at office of superintendent of repairs, U. S. post office, San Francisco, Cal., or at the office of the custodian of the station at Honolulu, Hawaii, in the discretion of the supervising architect, O. WENDEROTH, supervising architect.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until 2 o'clock p. m. October 28, 1914, for the reconstruction of Dodson South Canal at Dodson Bridge. The work involves about 71,000 cubic yards of excavation, 12,000 cubic yards of puddling, filling 5,200 cubic yards of riprap, 40 cubic yards of concrete and the moving of two steel bridge spans, abutments and pier. The work is situated on the south side of Milk River, about one and one-quarter miles south of Dodson, Mont., a station on the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont.; or Malta, Mont. F. H. NEWELL, director.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Oct. 15th, 1914.—SEALKED PROPOSALS, in triplicate, for making repairs to wharf at Fort Barry, California, will be received here until 11 A. M., October 24, 1914, and then opened. Plans and specifications, etc., can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed to GEO. MCK. WILLIAMSON, Lt. Col. Q. M. C. (*)

Women act as factory inspectors in British Columbia.

There are almost 300,000 unorganized coal miners in this country.

Women employed in the metal trades at Milan, Italy, are paid 5 cents an hour.

Of the nearly 12,000 women employed in the silk industry in New Jersey over 2,200 receive an average of from \$12 to \$15 per week in wages.

TO ATTACK THE LIEN LAW.

Los Angeles Times Voices Intent Surety Underwriters.

The Los Angeles Times of September 22nd last prints what it calls an answer to Johnson's challenge that his critics point to one law that they would repeal by naming the present Mechanics' Lien law. The article is printed herewith in full:

"Gov. Johnson's challenge to his critics to point out one law they would have repealed is answered by the Surety Underwriters' Association of Los Angeles, which names one as a particularly objectionable and offensive statute.

The organization is composed of local representatives of various surety companies doing business in Los Angeles, with Catesby C. Thom of the National Surety Company as president, and C. B. Davis of the New Amsterdam Company, as secretary.

The Surety Underwriters are objecting, and have been, to the revised mechanics lien law, passed during the Johnson administration. Their criticism is directed, not alone at the law, but at the Johnson administration, for the 'Sacramento Hi-rarch' himself ordered the revision forced through the Legislature.

The new rating just received shows that the surety companies are enraging just double the rate of charged under the law, prior to the Johnson administration. Ordinarily a surety company would not complain of the doubling of the rate, but in this instance the complaint is general, for the surety bond is now the target for every Tom, Dick and Harry who cares to attack it through the courts.

The labor and material bond required upon all buildings now costs 1 per cent of the contract price whereas it formerly cost one-half of 1 per cent. The doubling of the cost of contract bonds hits at developing capital, but its chief peril lies in the fact that the bond is in the main an extension of credit to irresponsible contractors, and benefits material men only.

The usual play to the galleries by the Johnson administration was that here was a chance to help the laboring man, to secure for him certain rights and place a protective arm over his labor. As a matter of fact, his rights already were secure, and the law guaranteed nothing to him that he didn't enjoy before.

The truth of the matter is that the law gives to every man having a claim under the contract a right to sue the bonding company individually. The separate right of action, making the law merely extended a line of credit to contractors among the material men and then made the contracting bond the insurance for the material man, bonding company the third party to the transaction without giving it a part in the transaction, caused the increase in rate.

Under this law the owner was agreed

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to pay the contractor certain sums at certain times may voluntarily break his contract with the contractor by paying the full price agreed upon, and without in any way relieving the liability of the bonding company—party of the third part.

'Anyone may sue on the bond who has worked on the job,' said one of the surety men yesterday. 'Only recently we had a case where there were twenty-five plaintiffs suing on one bond. Two cases are now up on appeal because we believe the law unconstitutional, discriminatory, and class legislation. It places a burden upon the legitimate contractor and helps neither capital nor labor. The law really makes us hold up a certified check for everyone to take a shot at.'

The new association will attempt to have the law revised back to its old status, at the coming session of the Legislature. The members are bitterly opposed to it, as are contractors who were satisfied to deal simply and singly with the owner of building property.

The Surety Underwriters want the law back to the old standard. Then nobody knew anything about anything in the matter and when a fly-up-the-creek contractor failed the only thing was to pro rate the money that was supposed to be in the hands of the owner. And all this talk about the defects of the law are, imply, moonshine. Wherever it has come up the consideration of a competent court the law has always been held valid. It is the old guard of people who profited by the crooks and turns and technicalities of the old law that want it restored and the Times by using its usual bulldozing methods of misrepresenting the facts.

Let the County Official Know Where You Saw the Official Proposal.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, none. Owners, J. and M. Empinak, 728 Page street, S. F. The building will be erected on the east side of Hyde street north of Vallejo, covering an area of 25 by 72 feet. Interior has been arranged for six modern suites of three and four rooms. Exterior finish will be of pine and redwood veneer with hardwood floors in the principal rooms. Plans provide for steam heat and hot water supply. Bath rooms will have tile wainscot and composition floors. All apartments will be equipped with wall beds. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath with a brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

CITY HALL WORK, METAL WORK, SKYLIGHTS, ETC.—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans for furnishing and installing all metal work, skylight work and metal roofing in the new City Hall are complete and figures are now being taken. Bids will be opened by the Board of Public Works on October 28th.

STATE EXHIBIT BUILDING—1 and 2 story and base, frame and plaster, 20,000. San Francisco. Architect, Leuse, Service Bldg., S. F. Owners, State of Alabama. The building will be a part one and part two story structure and will contain a large reception hall, motion picture hall and lecture rooms. Interior will be finished in redwood and pine. Reception rooms or the state officials will also be provided. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of contractors for figures.

FLATS—2 story and base, frame, 3,600. San Francisco. Architect, none. Owners, Segurson Bros., 308 Guerrero street, S. F. The building will be erected on the south side of Filbert west of Laguna, having a frontage of 25 feet and a depth of 60 feet. There will be two flats of five and six rooms. Interiors will be finished in pine and redwood. Some hardwood floors will be used. Open fire places will be used in the living rooms. Mantels will be of tile or brick. Tile wainscot is specified for the baths and kitchens. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

PATHOLOGICAL WARD—2 story and base, Class A construction, \$70,000. San Francisco. Architects, Elzabeth & Headman, Phelan Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected on 22nd street, adjoining

other buildings of the new San Francisco Hospital group, have been completed and turned over to the Public Building Committee for approval. The building will cover an area of 97 by 155 feet, and will have a complete steel frame, brick and concrete walls, hollow tile interior partitions and concrete floors. Interior will be finished in pine, hardwoods and tile. Special equipment and special hospital plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Bids will be called for shortly.

HOSPITAL—5 story and base, Class A construction, \$150,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Cooper Medical College. This building will be erected on Webster street between Sacramento and Clay, and will be arranged for wards and private rooms, laboratories and nurses' quarters. There will be a complete steel frame, brick walls, concrete floors and hollow tile interior partitions. Interior finish will be of pine and hardwoods. There will be steam heat, oil burning equipment, elevator service, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Working drawings are complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Oscar Lind, 4355 25th street, S. F. The dwelling will be erected on the west side of 10th avenue south of Balboa street, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Costello and Fearick, 93 College avenue, S. F. The dwelling will be erected on the east side of 19th avenue north of Balboa, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room and dining room. There will be an open fire place and tile mantel. An automatic water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, Ralph J. Dutton, 1212 4th avenue, S. F. The dwelling, designed for a seven-room house with bath and sleeping porch, will be erected

on the east side of 26th avenue north of Irving. Interior will be finished in pine and hardwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the house will be covered with rustic, shingles and clinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE ALTERATIONS—7, 3 story, frame, \$14,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners, Pacific Realty Co. Seven old fashioned residences located on Pacific avenue near Buchanan will undergo extensive repairs. The work will include new interior finish, mill work, hardwood floors, plumbing, painting, plastering, electric work and mantels. Furnaces will be installed in some of the houses. Exteriors will also be altered. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame, \$4,000 each. San Francisco. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. These two houses will be erected on the west side of 43rd avenue north of Fulton, and each has been designed to an eight-room dwelling with bath and sleeping porch. Interiors will be finished in pine with some hardwood veneer and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile and tile wainscot will be used in the kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SCHOOL PLUMBING WORK—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for furnishing and completing the plumbing in the Academic building of the Polytechnic group show James H. Pinkerton low at \$14,395. A contract has not been awarded. A complete list of the figures received will be found under the heading of San Francisco in this issue.

STORES—1 story and base, Class C construction, \$11,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, L. Gendotti Estate Co. The building will be erected at the northeast corner of Hayes and Octavia streets and will cover an area of 38 by 120 feet. A complete basement will be constructed. There will be a number of retail stores, all finished in pine

with hardwood in the display windows. Patent store fronts will be used. There will be tile vestibules and marble bases. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken. A contract for the excavating has already been awarded.

STORE—1 story, frame, \$5,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 1011 Hyde street, S. F. The building will be erected at the southwest corner of Clay and Leavenworth streets, covering an area of 67½ by 13 feet. There will be two small stores. Interiors will be finished in pine and redwood with a cement floor. Patent store fronts and plate glass windows will be installed. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

STORES—1 story and base, brick, \$5,000. San Francisco. Architect, none. Owner, Hannah Kerstegil, 1803 Haight street. The building will be erected at the southwest corner of Haight and Schrader streets and will contain two small stores. Interiors will be finished in pine throughout. There will be patent store fronts and plate glass windows. Marble bases and tile vestibules will be used. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

STORE AND LOFT ALTERATION—2 story and base, Class C construction, \$3,000. San Francisco. Architect, John W. Ettler, 604 Mission street, S. F. Owners, Bothin Estate. The building at 527 Mission street will be altered. An additional story will be added, the floors strengthened and a passageway to the rear built. The work will require some brick work, plastering and interior finish. Exterior will be faced with pressed brick. Plans are complete and segregated figures are being taken.

THEATRE AND STORE—3 story and base, reinforced concrete. Cost not stated. South San Francisco, San Mateo Co., Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner's name withheld. The building has been designed to contain a motion picture theatre and one store on the ground floor. Upper floor will be arranged for offices and rooms. Interior finish will be of pine throughout. Some ornamental plaster will be used in the theatre. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick and frame, \$30,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, Max Kolnader. The building will be erected at the southeast corner of Franklin and Sacramento streets and has been designed to contain twelve suites arranged in apartments of two, three and four rooms. Interiors will be finished in pine, walnut and other hardwoods. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water system. All apartments will have wall beds and private bath

rooms. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with pressed brick veneer. Plans are complete and figures are being taken.

SUB-POST OFFICE—2 story and base, reinforced concrete and steel. Cost not stated. San Francisco. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California Healy-Tibbitts Construction Co. has been awarded a contract by the State Board of Harbor Commissioners for the foundation work on the new post office to be constructed south of the main Ferry Building. The contract price is \$37,690. The State Department of Engineering is now engaged on the working drawings for the building proper, and plans will be out for figures some time next month.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on the east side of 22nd avenue south of Anza, and has been designed for a six-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$7,500. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Rose Buckingham. The dwelling will be erected on the north side of Jackson street west of Divisadero, and has been designed to contain nine rooms, two baths and a garage. Interior will be finished in pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used throughout, except in the bath rooms which will have tile floors. There will be furnace heat and open fire places. An automatic water heater will be installed. Mantels will be of tile or brick. Exterior of the house will be covered with shingles and brick veneer. Plans are complete and figures are being taken.

Contracts Awarded.

SEWER WORK—\$84,297.55. Pocatello, Idaho. Engineer, City Engineer, Pocatello. Owners, City of Pocatello. Contractor, R. M. Barsden, Butte, Montana. Contract price, \$84,297.55.

City Bids Opened.

Bids For Completion of Plumbing on Academic Building at Polytechnic High School Only Figures Opened.

Bids were opened at Wednesday's session of the Board of Public Works for the necessary work in connection with the completion of the plumbing in the Academic Building of the Polytechnic High School. The lowest figure was submitted by James H. Pinkerton at \$14,395. He will probably be awarded the contract. Following is a complete list of the bidders:

Plumbing Work, Academic Building.
Scott Co. \$14,425

Herman Lawson	15,619
F. W. Snook & Co.	14,758
The Turner Co.	15,395
James H. Pinkerton	14,395
J. M. Lettich	15,400
Alex Coleman	14,975
A. Lettich	15,390
Wittman, Lyman Co.	15,649
Kiernan & O'Brien Co.	15,200

Tunnel Contract To Be Held Up.

Authoritative Information States That Board of Works Will Not Take Action Announced by Dailies.

Saturday evening dailies contained the news that on Monday the Board of Public Works would officially award the contract for the construction of the big Twin Peaks Tunnel to Hans Pederson of Seattle on his bid of \$3,475,300. The Daily Pacific Builder has information from a most reliable source that this action will not be taken and further that the work is not apt to be undertaken this year.

Mr. Pederson submitted the only bid for the work on September 30th and a contract was to have been awarded within twenty days. The exact nature of further steps to be taken by the Board of Public Works in this matter has not been fully decided but it is stated that in event that a contract is not awarded at today's meeting of the Board of Works that new bids will be called for shortly.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.
3432	New Jersey	Anderson	30940
3433	S F Hm Incr.	Davis	1175
3434	S F Hm Incr.	Kern	7250
3435	Same	Pinkerton	1850
3436	Same	Larsen	2650
3437	Keefe	Smith	6310
3438	Schuetz	Wilfert	2906
3439	Chiff	Jekel	12000
3440	Hall	Hall	3000
3441	Hall	Hall	3000
3442	Bickel	Burnett	1000
3443	Ge W'n Power	Robinson	1000
3444	Costello	McDonough	1800
3445	Greendel	Swenson	400
3446	Corbin	Parry	600
3447	Dugan	Grant	600
3448	Meadam	Meadam	3500
3449	Clark	Schmidt	850
3450	Costello	Feerick	2300
3451	Dempniak	Dempniak	15000
3452	Ewald	Armstrong	650
3453	Nelson	Nelson	2500
3454	Knipper	Echters	2650
3455	S F Comm'l.	Brunswick	12000
3456	Horstmeyer	Owner	1000
3457	Same	Same	1000
3458	Koenig	Christian	1000
3459	Frank	Kulak	400
3460	Wilmower	Anderson	400
3461	Kerstegil	Kerstegil	3500
3462	Lind	Lind	2400
3463	Pac Fruit Ex.	Schmidt	3823
3464	Hooker	Zimmerman	3536
3465	Same	McKenzie	1663
3466	Schwitzer	Robinson	1000
3467	McKillop	McKillop	3000
3468	Sheet Mtl Wks.	Hamill	450
3469	Standard Oil	Walker	1000
3470	Button	Button	2500
3471	Bothin	Bothin	2000
3472	Hogrefe	Hogrefe	3000
3473	Pohelm	Pohelm	400
3474	Segursion	Segursion	3600
3475	De Kosi	Strickland	400
3476	Todd	Todd	500
3477	Hamill	Hamill	2000
3478	Burns	Burns	1200
3479	Rathen	Rathen	500
3480	Blach	Blach	400
3481	Warnock	Warnock	1850
3482	Kelly	Jones	500
3483	Thurman	Pearson	400
3484	Salastrierl	Owner	600
3485	Scoble	Scoble	4000

3486 Scoble	Scoble	4000
3487 Nevada	Gough	23000
3488 Marine Gardens	Owner	10000
3489 Muller	Muller	30000
3490 Spreckels	Stepp	1275
3491 1st Cong. Ch.	Munch	2750
3492 Phelan	Foster	3300

FRAME EXHIBIT BUILDING

(3432) EXPOSITION SITE. Frame exhibit building.
Owner.....State of New Jersey.
Architect...None.
Contractor...W. W. Anderson, 107 Grant Ave., San Francisco
COST, \$30,940

NOTE:—Nearly completed.

ELECTRIC WORK

(3433) NE GEARY AND WOOD. Electrical work for home for incurables.
Owner.....San Francisco Home for Incurables by Clinton Fireproofing Co., Mutual Bank Bldg., San Francisco.
Architect...Loring P. Rixford, Sharon Bldg., San Francisco.
Contractor...Davis Elec. Co., 816 Fall, San Francisco.
Filed Oct. 13, '14. Dated Sept. 30, '14.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1175
Bond, \$587.50. Surety, New England Casualty Co. Limit, forfeit, none. Plans and specifications, none.

BRICK BUILDING

(3434) NE THIRD 100 SE Bryant SE 47-6XNE 76. Carpenter, stairs, roofing, lath and plaster, electric, glazing, marble, terrazzo, mill work, etc. for three-story brick stores and tenements.
Owner.....San Francisco Investment Company.
Architect...David C. Coleman, Merchants' National Bank Bldg., San Francisco.
Contractor...C. J. Kearn Co., 3885 18th, San Francisco.
Filed Oct. 13, '14. Dated Oct. 7, '14.
2nd floor joists set.....\$1000.00
3rd floor joists set..... 1000.00
Roof on 625.00
Ready for standing finish..... 1000.00
Completed and accepted..... 1812.50
36 days after..... 1812.50
TOTAL COST, \$7250.00
Bond, \$3625. Sureties, Albert E. Kern and O. G. Freyermuth. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(3435) PLUMBING, SEWER, GAS, water and heating on above.
Contractor...James H. Pinkerton, 2266 Fulton, San Francisco.

Filed Oct. 13, '14. Dated Oct. 7, '14.
Plumbing roughed in.....\$750.00
Completed and accepted..... 637.50
36 days after..... 462.50
TOTAL COST, \$1850.00
Bond, \$925. Sureties, Herman Lawson and Jas. Mearns. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(3436) BRICK WORK ON ABOVE.
Contractor...H. H. Larsen & Bro., 62 Post, San Francisco.

Filed Oct. 13, '14. Dated Oct. 7, '14.
1st story brick walls up.....\$662.50
2nd story brick walls up..... 662.50
Completed and accepted..... 662.50
36 days after..... 662.50
TOTAL COST, \$2650.00
Bond, \$1325. Sureties, S. D. Le Clair and W. L. Petersen. Limit, 15 days. Forfeit, \$5. Plans and specifications filed.

CLASS "C" APARTMENTS

(3437) N POST 50 W Larkin W 30x N 120. Metal lath and plaster for live-story and basement Class "C" apartment building.

Owner.....J. H. Keefe, 820 O'Farrell, San Francisco.
Architect...Roussau & Roussau, Monadnock Bldg., S. F.
Contractor...Jas. F. Smith, Monadnock Bldg., San Francisco.
Filed Oct. 13, '14. Dated Sept. 22, '14.
Metal lath finished.....\$1183.12
50% of scratch coat and brown coat on 1183.12
Brown coated 1183.12
Finished 1183.12
Usual 35 days..... 1577.50
TOTAL COST, \$6310.00

Bond, \$3155. Surety, The Aetna Accident & Liability Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

STORE AND FLATS

(3438) S TWENTY-FOURTH 80 W Noe W 25 S 114 W 15 S 14 E 40 N 128. Alterations and additions to make a three-story frame store and flats.
Owner.....Marie Schuett, 4013 24th, San Francisco.
Architect...L. L. M. Weissmann & Son, Pacific Bldg., S. F.
Contractor...Alwin Wilfert.

Filed Oct. 13, '14. Dated Oct. 13, '14.
Frame up\$975
Brown coated 975
Completed and accepted..... 975
Usual 35 days..... 975
TOTAL COST, \$3900
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

CLASS "A" HOTEL

(3439) SE GEARY AND TAYLOR S 137-6XE 137-6. Lighting fixtures for 12-story and basement Class "A" hotel building.

Owner.....Chit Realty Co., 1st National Bank Bldg., S. F.
Architect...G. A. Applegarth, Claus Spreckels Bldg., S. F.
Contractor...Jekelheimer Bros. Co., 441 Sutter, San Francisco.

Filed Oct. 13, '14. Dated Oct. 8, '14.
Semi-monthly payments of.... 75%
36 days after 25%
TOTAL COST, \$12,000
Bond, \$6000. Surety, National Surety Co. Limit, 20 days after notified to install fixtures. Forfeit, \$50. Plans and specifications filed.

FRAME DWELLING

(3440) E TWELFTH AVE 225 N Balboa. Two-story and basement frame dwelling.
Owner.....C. A. Hall, 1318 5th Ave., San Francisco.
Architect...None.
Day's work.....
COST, \$3000

FRAME DWELLING

(3441) E TWELFTH AVE 200 N Balboa. Two-story and basement frame dwelling.
Owner.....C. A. Hall, 1318 5th Ave., San Francisco.
Architect...None.
Day's work.....
COST, \$3000

ALTER AND REPAIR STORES

(3442) NOS. 410-412 THIRD. Alter and repair stores.
Owner.....Mrs. A. F. Bickel, 1776 Broadway, San Francisco.
Architect...None.

Contractor A. W. Burnett, 1414 Oak, San Francisco
COST, \$1000

ALTER PARTITIONS

(3443) NO. 333 POST. Alter partitions
Owner.....Great Western Power Co., Premises.
Architect...None.
Contractor...Robinson & Gillespie, 1651 Sutter, San Francisco.
COST, \$1000

FRAME DWELLING

(3444) S COTTER 100 W Mission. One and one-half-story and basement frame dwelling.
Owner.....Costello & McDonough, 93 College Ave., San Francisco
Architect...None.
Day's work.....
COST, \$1800

ALTER INTERIOR OF STORE

(3435) NO. 1034 GEARY. Alter interior of store.
Owner.....Otto F. Greendel, 1911 Eddy, San Francisco
Architect...None.
Contractor...Swenson & Franzen, 230 Tehama, San Francisco.
COST, \$400

ALTER AND REPAIR DWELLING

(3446) S DE HARO 50 E 24th. Alter and repair dwelling.
Owner.....Wm. Corbin, Taylor and Golden Gate Ave., S. F.
Architect...None.
Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$600

ALTER STORE

(3447) N SUTTER 100 E Polk. Alter store.
Owner.....Herbert Dugan, 1170 Sutter, San Francisco.
Architect...Righetti & Headman, Phelan Bldg., San Francisco.
Contractor...Robt. Grant, 129 19th Ave., San Francisco.
COST, \$600

FRAME DWELLING

(3448) N SHAFER 125 W Jennings. One and one-half-story and basement frame dwelling.
Owner.....Mark Meadum, 1323 Quezada, San Francisco.
Architect...None.
Day's work.....
COST, \$1800

ADDITION

(3449) NO. 51 GEARY. Add 2 rooms for musical purposes.
Owner.....Clark Wise & Co., Prem.
Architect...F. H. Meyer, Bankers' Investment Bldg., S. F.
Contractor...M. Schmidt, 2431 Lombard San Francisco.
COST, \$850

FRAME DWELLING

(3450) E NINETEENTH AVE 175 N Balboa. Two-story and basement frame dwelling.
Owner.....Costello & Feerick, 93 College Ave., San Francisco.
Architect...None.
Day's work.....
COST, \$2300

FRAME APARTMENTS

(3451) E HYDE 112-6 N Vallejo. Three story and basement frame (6) apartments.

Owner.....J. and M. Dempniak, 728
Page, San Francisco.
Architect...None.
Day's work. COST, \$15,000

REPAIRS
(3452) NO. 1351-49 FORTY SEVENTH
Ave. Repair present building.
Owner.....Mrs. Jessie Ewald, Prem.
Architect...None.
Contractor..John Armstrong, 1790 46th
Ave., San Francisco.
COST, \$650

FRAME DWELLING
(3453) N PARNASSUS 35 E Arguello.
Two-story and basement frame dwlg.
Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work. COST, \$2500

FRAME FLATS
(3454) S PACIFIC AVE 112 W Larkin
W 27-6x8 127-84. All work except
tiling, sheet metal, mantels, gas and
electric fixtures and window shades
for two-story frame flats (rear).
Owner.....Mrs. Susanna Knipper, 1527
Pacific Ave., S. F.
Architect...None.
Contractor..E. Echter and P. Grell,
402 8th Ave., S. F.
Filed Oct. 13, '14. Dated Oct. 13, '14.
Frame up\$670
Brown coated 670
Completed 670
Usual 35 days 670
TOTAL COST, \$2680
Bond, none. Limit, 75 days. Forfeit,
\$5. Plans and specifications filed.

(3455) MERCHANTS' EXCHANGE
Building. Cabinet work in main
dining room, lounge room, reading
room and domino room and doors
leading into same for new quarters
of Commercial Club.
Owner.....The San Francisco Com-
mercial Club.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.
Construction Manager..Frederick
Whitton, 805 Charlston
Bldg., San Francisco.
Contractor..Brunswick, Balke, Collan-
der Co., 765 Mission, S. F.
Filed Oct. 15, '14. Dater Oct. 2, '14.
Progressive payments monthly 75%
Usual 35 daysBalance
TOTAL COST, \$12,000
Bond, \$6000. Sureties, C. H. Williams
and F. A. Smith. Limit, 60 days from
Oct. 3, 1914. Forfeit, \$25. Plans and
specifications none.

ALTERATIONS
(3456) E ORD 326 N 17th. Alter and
add to flats.
Owner.....C. Horstmeyer, 43 Eureka,
San Francisco.
Architect...None.
Contractor..Wm. Horstmeyer Co., 39
Eureka, San Francisco.
COST, \$1000

ALTERATIONS
(3457) W DOUGLASS 326 N 17th.
Alter and add to flats.
Owner.....C. Horstmeyer, 43 Eureka,
San Francisco.
Architect...None.
Contractor..Wm. Horstmeyer Co., 39
Eureka, San Francisco.
COST, \$1000

FRAME DWELLING
(3458) S FELTON 35 E Howard. One-

story and basement frame dwlg.
Owner.....George Koening, 2731 Fol-
som, San Francisco.
Architect...None.
Contractor..Christian & Hansen, 1440
Florida, San Francisco.
COST, \$1000

RETAINING WALL
(3459) NO. 194 LOWER TERRACE.
Erect retaining wall.
Owner.....Frank & Haskell, Prem.
Architect...None.
Contractor..Adam Kuisak.
COST, \$400

REPAIR EXTERIOR
(3460) NO. 2742 SUTTER. Repair ex-
terior.
Owner.....Mrs. R. Witmower, Prem.
Architect...None.
Contractor..G. Anderson, 2330 24th,
San Francisco.
COST, \$400

BRICK STORES
(3461) SW HAIGHT AND SCHRADER
One-story brick stores.
Owner.....Hannah Kerstegli, 1803
Haigh, San Francisco.
Architect...None.
Day's work. COST, \$3500

FRAME DWELLING
(3462) W TENTH AVE 50 S Balboa.
Two-story and basement frame dwlg.
Owner.....Oscar Lind, 4385 25th, S. F.
Architect...None.
Day's work. COST, \$3400

CONCESSION BUILDINGS
(3463) EXPOSITION SITE. General
work for two frame building (fruit
and nut concession buildings) for
Pacific Fruit Exchange.
Owner.....Pacific Fruit Exchange.
Architect...William C. Hays, 68 Post,
San Francisco.
Contractor..Peter N. Schmidt, Alameda
Filed Oct. 16, '14. Dated Oct. 8, '14.
Frames up\$955.75
Plastering finished 955.75
Completed and accepted..... 955.75
Usual 35 days 955.75
TOTAL COST, \$3823.00
Bond, \$1912. Sureties, Wm. Makin
and J. E. MacCormac. Limit, 50 days.
Forfeit, none. Plans and specifications
filed.

GARAGE
(3464) NOS. 3271-3291 PACIFIC AVE.
rear). Excavation, concrete and
foundation for garden and garage.
Owner.....Katharine P. Hooker.
Architect...Willis Polk & Co., Hobart
Bldg., San Francisco.
Contractor..L. M. Zimmerman.
Filed Oct. 16, '14. Dated Oct. 16, '14.
On 15th of each month..... 75%
Usual 35 days 25%
TOTAL COST, \$3536
Bond, \$1768. Surety, The Aetna Acci-
dent & Liability Co. Limit, Dec. 10,
1914. Forfeit, \$10. Plans and speci-
fications filed.

(3465) CARPENTER WORK ON
above.
Contractor..K. H. McKenzie & Co., 2783
McAllister, San Francisco.
Filed Oct. 16, '14. Dated Oct. 15, '14.
Payments same as above.....
TOTAL COST, \$1663
Bond, \$832. Surety, Pacific Coast Casu-
alty Co. Limit, Dec. 10, 1914. Forfeit,
none. Plans and specifications filed.

ALTERATIONS
(3466) NO. 233-235 POST. Change
elevator and partitions.
Owner.....Mrs. Doris Schweitzer,
1051 Sutter, S. F.
Architect...None.
Contractor..Robinson & Gillespie, 1051
Sutter, San Francisco.
COST, \$1000

REPAIRS AND ALTERATIONS
(3467) SW HARTFORD AND 17TH.
Repair apartments, built in stores &
install steam heat.
Owner.....W. J. McKillop, 540 Cole,
San Francisco.
Architect...None.
Contractor..McKillop Bros., 540 Cole,
San Francisco.
COST, \$3000

REPAIRS
(3468) NO. 224 GUERRERO. Repair
rear of hall and build brick founda-
tion.
Owner.....Sheet Metal Works, Prem.
Architect...None.
Contractor..Thos. Hamill, 268 25th Ave
San Francisco.
COST, \$450

ALTERATIONS
(3469) NW BUSH AND SANSOME.
Alter first story.
Owner.....Standard Oil Co., Prem.
Architect...Benj. G. McDougall, Shel-
don Bldg., San Francisco.
Contractor..P. J. Walker Co., Monad-
nock Bldg., S. F.
COST, \$1000

FRAME DWELLING
(3470) E TWENTY-SIXTH AVE 25 N
Irving. Two-story and basement
frame dwelling.
Owner.....Ralph J. Button, 1212 4th
Ave., San Francisco.
Architect...None.
Contractor..Ralph J. Button, 1212 4th
Ave., San Francisco.
COST, \$3500

ADDITION
(3471) NO 527 MISSION. Strengthen
present floors, add one-story and con-
struct passage way to rear of bldg.
Owner.....Bothin Real Estate Co., 604
Mission, San Francisco.
Architect...J. W. Ettler, 604 Mission,
San Francisco.
Day's work. COST, \$2000

FRAME STORE BUILDING
(3472) SW CLAY & LEAVENWORTH
SW. One-story and basement frame
store building.
Owner.....Herman Hogrefe, 1011
Hyde, San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$3000

ALTERATIONS
(3473) SE EDDY AND TAYLOR. Alter
and change cafe.
Owner.....Dr. Pohlman, Maxim's Cafe,
San Francisco.
Architect...None.
Day's work. COST, \$400

FRAME FLATS
(3474) S FILBERT 187 W Laguna.
Two-story and basement frame (4)
flats.
Owner.....Segurson Bros., 308 Quer-
rero, San Francisco.
Architect...None.
Day's work. COST, \$3600

ALTERATIONS AND ADDITIONS

(3475) NO. 782 ARKANSAS. Alter and add to dwelling.
Owner.....Philip De Rost, Premises.
Architect...None.
Contractor...Wm. Strickland, SW Potrero Ave and 18th, S. F.
COST, \$100

ALTERATIONS

(3476) NO. 1575 WASHINGTON. Install 25 radiators, wire, lath and plaster boiler room and erect patent chimney.
Owner.....C. F. Todd, Premises.
Architect...None.
Day's work. COST, \$500

FRAME DWELLING

(3477) E TWENTY-SECOND AVE 175 S Anza. Two-story and basement frame dwelling.
Owner.....Thos. Hamill, 268 25th Ave San Francisco.
Architect...None.
Day's work. COST, \$2000

FRAME DWELLING

(3478) E ANDERSON 200 S Tompkins. One and one-half-story and basement frame dwelling.
Owner.....B. Burns, 906 Cortland Ave San Francisco.
Architect...None.
Day's work. COST, \$1200

ALTERATIONS

(3479) SW FILLMORE & LOMBARD. Concrete foundation and minor alterations.
Owner.....M. Rathen, Premises.
Architect...None.
Day's work. COST, \$500

FRAME DWELLING

(3480) S SHAFTER AVE 75 W Keith. One-story and basement frame dwlg.
Owner.....Carlo Biaggi, 1420 22nd Ave. (South), S. F.
Architect...None.
Contractor...T. L. Sharman, 1454 Shafter Ave., San Francisco.
COST, \$100

FRAME DWELLING

(3481) CROCKER AMAZON TRACT, Lot 31 Blk 12. One and one-half-story and basement frame dwelling.
Owner.....M. E. Warnock, 134 Rolph, San Francisco.
Architect...None.
Day's work. COST, \$1850

ALTERATIONS

(3482) NO. 527 FOURTH AVE. Minor alterations to dwelling.
Owner.....J. Kelly, Premises.
Architect...None.
Contractor...Paul K. Jones, 150 Jessie, San Francisco.
COST, \$500

ALTERATIONS

(3483) NO. 443 PINE. Excavate and repair restaurant.
Owner.....Jas. D. Thurman, Mills Bldg., San Francisco.
Architect...None.
Contractor...E. K. Pearson, 2362 Bryant, San Francisco.
COST, \$400

FRAME DWELING

(3484) SW CAROLINA AND 20TH. One-story and basement frame dwlg.
Owner.....S. Balastrieri, 450 Union, San Francisco.
Architect...None.
Day's work. COST, \$600

FRAME DWELLING

(3485) W FORTY-THIRD AVE 412 N Fulton. Two-story and basement frame dwelling.
Owner.....Thos. Scoble, 263 14th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000

FRAME DWELLING

(3486) W FORTY-THIRD AVE 380 N Fulton. Two-story frame dwelling.
Owner.....Thos. Scoble, 363 14th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000

FRAME AND PLASTER BUILDING

(3487) EXPOSITION SITE. Two-story frame and plaster building.
Owner.....State of Nevada.
Architect...F. J. de Longchamps, Reno Nevada.
Contractor...Alfred S. Gough, Goldfield, Nevada.
COST, \$23,000

FRAME AND PLASTER BUILDING

(3488) EXPOSITION SITE. Two-story and basement frame and plaster building.
Owner.....Marine Gardens Cafe Co., 660 Market, S. F.
Architect...Chas. Paff & Co., Merchants' Exchange Bldg., San Francisco.
Day's work. COST, \$10,000

FRAME AND PLASTER BUILDING

(3489) EXPOSITION SITE. Three-story frame and plaster double attic building (Alt Nurnberg).
Owner.....F. Muller & Sons.
Architect...F. M. Williams.
Day's work. COST, \$30,000

ALTERATIONS

(3490) COM. AT PT 100 N SIXTEENTH and 90 W Valencia N 250-5% W 119-8 S 251-1% m or 1 E 107-2 M B 36. Concrete work for alterations to stables.
Owner.....Rudolph Spreckels, 1st National Bank Bldg., S. F.
Architect...J. R. Miller, Lick Bldg., San Francisco.
Contractor...Wm. C. Stepp.
Filed Oct. 17, '14. Dated Oct. 13, '14.
Payments every two weeks of... 75%
Usual 35 days..... 25%
TOTAL COST, \$1275
Bond, \$640. Surety, Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications filed.

ART GLASS FOR CHURCH

(3491) SE POST and MASON E 110x S 137-6. Art glass for church building.
Owner.....1st Congregational Society of San Francisco.
Architect...Reld Bros., Cal-Pacific Bldg., San Francisco.
Contractor...Munich Art Glass Co., 667 Mission, San Francisco.
Filed Oct. 17, '14. Dated Oct. 9, '14.
Drawings ready for approval...\$375
Metal work for support of skylights in place..... 175
Metal panels for ceiling & metal divisions for windows completed ready for glass..... 300
Glass set in metal work, ready for building..... 600
Completed and accepted..... 612.50
Usual 35 days..... 25%
TOTAL COST, \$2750
Bond, \$1400. Surety, Southwestern Surety Insurance Co. Limit, Nov. 25,

Oct. 1 forfeit, \$25. Plans and specifications filed.

RESIDENCE

(3192) N WASHINGTON 137-6 W Octavia W 137-6XN 255-4% W A 195. Excavation and concrete, etc., for residence.
Owner.....Mary L. Phelan.
Architect...Chas. P. Weeks, Mutual Bank Bldg., San Francisco.
Contractor...Foster-Vogt Co., Sharon Bldg., San Francisco.
Filed Oct. 17, '14. Dated Oct. 17, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8300
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Oct. 10, 1914—SW BROADWAY AND Grant Ave W 117-6 S 100 W 20 S 37-6 E 137-6 W 137-6. Mary Marsicano to Kiernan & O'Brien.....
Oct. 10, 1914—EXPOSITION SITE. Panama-Pacific International Exposition Co to McSheehy Bros, Inc.....
Oct. 10, 1914—E NINETEENTH AVE 225 N Balboa N 25x120. E J Spence and T Feerick to whom it may concern.....
Oct. 10, 1914—SE SANSOME AND California. Fireman's Fund Insurance Co to Western Iron Works.....
Oct. 13, 1914—E TWENTIETH AVE 50 S Anza S 25XE S2-6. Margaret Hamill to whom it may concern.....
Oct. 13, 1914—LOT 48 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....
Oct. 13, 1914—N TWENTY-SIXTH 140 E Diamond E 20x114. Laura B Donovan to T M Person. Oct. 10, '14
Oct. 13, 1914—NE MCKINNON AVE 150 NW from Newhall 25 N 100 E 25 S 100. Modesto Esposto to Stevenson & Gowan.....
Oct. 13, 1914—LOTS 32 AND 33 BLK 17 B, C S Allred's Sub Blks 17 and 18, West End Map No. 1. Nels J Nelson to whom it may concern.....
Oct. 13, 1914—SW TAYLOR & EDDY W 137-6XS 137-6. Morris, Joseph and Julia Hyman, Theresa Stone, Emelle Baruch and The Henry W Hyman Estate to Western Iron Works.....
Oct. 13, 1914—WORK ON WATER Front, foot of Mason. City Elec Co to Healy-Tibbitts Constr Co.....
Oct. 13, 1914—NE COTTER 53 SE Alemany. Lawrence Costello to Costello & McDonough. Oct. 13, 1914
Oct. 13, 1914—W De SOTO 50 m or 1 S Urbano Drive, Ingleside Terrace Lot 26 Blk 19. Henry and Kittle Stern to Higginson Co, Inc.....
Oct. 13, 1914—LOT 49 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....
Oct. 13, 1914—FACING S BOUNDARY wall of Presidio, beg at a point on said wall 212-6 W Laurel W 29-6 S 120.19 m or 1—29-6 N 122.78 m or 1. A A or Abbott A Hanks to

Louis Deibel, Oct. 10, 1914
 Oct. 13, 1914—N BROADWAY adj. W
 side of No. 1818 Broadway with
 frontage on Broadway of 30 feet.
 H C Moditt to Floodberg & Mc-
 Caffery, Oct. 5, 1914
 Oct. 13, 1914—E MISSION 295 S 16th
 S 75x6 105. Lachman Bros to C
 A Norris Co, Gus May, Ideal Cor-
 nize Works, J J Seibert Co, C J
 Burt, Vlt Elec Co., Oct. 6, 1914
 Oct. 13, 1914—NW CLEMENTINA 100
 SW 8th SW 25xNW 75. Arnold J
 Tackle to whom it may concern,
 Oct. 2, 1914
 Oct. 14, 1914—N CALIFORNIA 110 E
 Leavenworth E 27-6xN 112-6. Rous-
 seau Realty Co to whom it may
 concern, Oct. 14, 1914
 Oct. 14, 1914—NE TWENTY-FOURTH
 and Diamond E 215 N 114 E 25 S
 114 W 25. Dean H Evans to Mc-
 Sheehy Bros, Inc., Oct. 14, 1914
 Oct. 14, 1914—N RICHLAND AVE 25
 W Murray (South Ave) W 25 N to
 S line Holly Park Circle E 25 S
 parallel with W Murray to N Rich-
 land Ave ptn Lots 38, 39, 40 Blk
 4, Holly Park Tract. Thomas Mc-
 Cormick to whom it may concern
 Oct. 14, 1914
 Oct. 14, 1914—SACRAMENTO NOS.
 2317, 2319, 2321, 2323, 2325, 2327, R
 C Rosenberg to Wm Schafer,
 October 12, 1914
 Oct. 14, 1914—LOT 2 BLK 10 Forest
 Hill. John S Malloch to John S
 Malloch, Oct. 13, 1914
 Oct. 14, 1914—NE HAIGHT and
 Clayton N 27-6x E 100. Anna M
 Binning to G T Peterson and S
 Person, Oct. 14, 1914
 Oct. 14, 1914—E LEAVENWORTH 85
 S Geary S 52-6 E 112-6 N 54 W 27
 S 1-6 W 85-6. S F Investment
 Cpn to Central Iron Works and H
 H Larsen & Bro., Oct. 9, 1914
 Oct. 14, 1914—NW BUSH & LEAVEN-
 worth W 27-6xN 67-6. Ethel
 Curtaz to whom it may concern,
 Oct. 14, 1914
 Oct. 15, 1914—JULIA NOS. 26 To 28,
 being 96-6 N Lombard. Engenio
 Mazzini to Debenedetti & Cuneo,
 Oct. 10, 1914
 Oct. 15, 1914—N SACRAMENTO 60
 E Front N 119-6 to S Commercial
 E 20 S 59-6 E 20 S 60 W 40. Wm
 F Barton to Healy-Tibbitts Constr.
 Co., Oct. 5, 1914
 Oct. 15, 1914—SW CLAY & JONES
 W 120xS 33-9; No. 1315 Clay. A H
 Herbert to Peter Hamilton, Oct. —,
 1914; J M Lettich, Oct. —, 1914;
 Victor Eng Co, Oct. —, 1914; Bran-
 don & Lawson, June 11, 1914
 Oct. 15, 1914—N FREDERICK 96-
 10 1/2 W Clayton W 25xN 110. Cecil
 W Mark to Louis Kern, Oct. 13, 1914
 Oct. 15, 1914—SW JONES & CLAY
 S 33-9xW 120. A H Herbert to A
 Cadenasso and J Conland,
 April 27, 1914
 Oct. 15, 1914—S GREENWICH 106-6
 W Grant Ave 31x57-6. Luigi De-
 mato to Devenenzi Bros & Co.,
 Oct. 15, 1914
 Oct. 15, 1914—SE MISSION 177-3 1/2
 SW 12th — 44-3 1/2 th at an acute
 angle SE 129-1 th at an obtuse
 angle NE 32-4 1/2 th at an acute
 angle NW 137-1 1/2. John Hunt to
 L A Secor, Oct. 3, 1914
 Oct. 15, 1914—S SUTTER 87-6 E
 Montgomery S 124-9 being pt of
 intersection with N line of lot to
 be occupied by building th S 62-7
 W 25 S 83-11 1/2 — along Market

92-3 1/2 N 92-6 W 40. Hobart Est
 Co to Gould Storage Battery Co,
 Oct. 13, 1914; Simmonds Machinery
 Co., Oct. 14, 1914
 Oct. 16, 1914—E SIXTEENTH AVE
 150 N Railroad No. 570 16th Ave.
 Martin and Hans Nelson to whom
 it may concern, Oct. 10, 1914
 Oct. 16, 1914—W PRESIDIO AVE
 127-8 1/4 S Jackson — parallel with
 S Jackson 120 S 37-8 1/4 E 40-4 N
 5 E 79-10 N 32-8 1/4. Henry R
 Jacob to H W Arnold, Oct. 15, 1914
 Oct. 16, 1914—S SUTTER 87-6 E
 Montgomery S 124-9 S 62-7 W 25
 S 83-11 1/2 th along Market 92-5 1/2
 N 92-6 W 50. Hobart Estate Co to
 Mangrum & Otter (2 completion
 notices), Oct. 15, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Oct. 10, 1914—W LEAVENWORTH
 87-6 N Turk N 50xW 37-6. Macdon-
 ald Lumber Co, \$54; J S Guerin,
 \$131.85 vs Eisenbach Co and J J
 Philbin,
 Oct. 10, 1914—NW CAPP & 24TH N
 20xW 55. Jas E Lennon Llien &
 Cement Co vs James O'Brien, \$17.70
 Oct. 10, 1914—N LINDEN AVE 165 W
 Laguna W 27-6xN 45. Acme Plan-
 ing Mill vs F P Durham, J J and
 Mary E Silvey, \$338.65
 Oct. 10, 1914—W LEAVENWORTH
 87-6 N Turk N 50xW 37-6. J S
 Guerin & Co vs Eisenbach Co and
 General Bldg Work Co., \$38.25
 Oct. 13, 1914—N LINDEN AVE 165 W
 Laguna W 27-6xN 45. Levinson Co
 cpn vs J J and Mary Silvey and
 Mr. Durham, \$18.70
 Oct. 15, 1914—S CALIFORNIA 105 W
 24th Ave W 50xS 100. G & M Sheet
 Metal Works vs L M Shuck and L
 U Grant, \$47.50
 Oct. 15, 1914—N PAGE 154 E Lyon E
 27-6xN 137-6. G & M Sheet Metal
 Works vs L U Grant and Rosa M
 McGough, \$49.75
 Oct. 15, 1914—W THIRTY-SEVENTH
 Ave 50 N "I" N 500 m or l x W 100.
 G & M Sheet Metal Works vs L U
 Grant, \$49.95
 Oct. 16, 1914—NW CALIFORNIA
 82-10 1/2 SW from W Fifth Ave SW
 25-2 3-16 N parallel with Fifth
 Ave 112-11 1/2 E 25 S 119-5 1/2. S J
 Sterner vs Sidney B Newsom and
 J T De Ryana, \$2593.75

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
 frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, W. H. Rat-
 cliff, Jr., First National Bank Bldg.,
 Berkeley. Owner, Miss Margaret Lit-
 tle. The dwelling will be erected in
 Northbrae and has been designed to
 contain seven rooms, bath and sleeping
 porch. Interior will be finished in pine
 and redwood. Hardwood floors will
 be used in the living room, dining room
 and reception hall. There will be fur-
 nace heat and open fire places. Man-
 tels will be of tile. Bath room will
 have tile wainscot. An automatic
 water heater will be installed. Exter-
 ior of the house will be covered with
 cement plaster on metal lath. Plans
 are complete and figures are being
 taken.

RESIDENCE — 1 story and base,
 frame, \$2,800. Oakland, Cal. Archi-
 tect, Clay N. Burrell, Albany Bldg.,

Bldg., Oakland. Owner, Mr. Durphy.
 The dwelling will be erected in East
 Oakland, and has been designed to
 contain six rooms, bath and sleeping
 porch. Interior will be finished in
 pine and redwood. Hardwood floors
 will be used in the principal rooms.
 Plans provide for open fire places.
 Mantels will be of tile. Tile wainscot
 will be used in the bath room and
 kitchen. An automatic water heater
 will be installed. Exterior of the
 house will be covered with cement
 plaster on metal lath. Plans are com-
 plete and the work will be done by
 Day Labor.

RESIDENCE — 2 story and base,
 frame, \$5,000. Oakland, Cal. Archi-
 tects, Thomas & Oliver, Pantages The-
 atre Bldg., Oakland. Owner, Mrs. George
 Fredericks. The dwelling will be
 erected in Piedmont by the Lake, and
 has been designed for an eight-room
 house with two baths and sleeping
 porch. Interior finish will be of pine
 and hardwood with white enamel in
 the chambers. Hardwood floors will
 be used in the living room, dining
 room and reception hall. There will be
 furnace heat and open fire places. Man-
 tels will be of tile or brick. An auto-
 matic water heater will be installed.
 Bath rooms will be finished in tile.
 Exterior of the dwelling will be cov-
 ered with cement plaster on metal lath.
 Plans are complete and figures are be-
 ing taken.

RESIDENCE — 1 story and base,
 frame, \$3,000. Oakland, Cal. Archi-
 tect, none. Owner, James McGuinness,
 5615 East 16th street, Oakland. The
 dwelling has been designed for a six-
 room house with bath and will be
 erected on the west side of Beaumont
 avenue near East 38th street. Interior
 will be finished in pine and redwood
 with some hardwood veneer. Hard-
 wood floors will be used in the prin-
 cipal rooms. Plans provide for fur-
 nace heat and open fire places. Man-
 tels will be of tile or brick. An au-
 tomatic water heater will be installed.
 Bath room will be finished in tile. Ex-
 terior of the house will be covered with
 cement plaster on metal lath. Plans
 are complete and in the hands of the
 owner who will do the work by Day
 Labor. Materials are now being pur-
 chased.

FLAT ALTERATION—2 story and
 base, frame, \$1,000. Oakland, Cal. Ar-
 chitect, J. Henry Boehrer, Delger Bldg.,
 Oakland. Owner, P. H. Hanson. The
 present two-story frame dwelling lo-
 cated at 3125 Grove street will undergo
 alteration and be made into a modern
 flat building, containing four flats of
 three and four rooms. Interior finish,
 plastering, painting, plumbing and
 electric work will be required. Exter-
 ior of the building will also be al-
 tered. Plans are complete and the
 work will be done by Day Labor under
 the direction of Alfred Legault, Delger
 Bldg., Oakland.

STORES—1 story and base, brick
 and steel. Cost not stated. Oakland,
 Cal. Architect, W. H. Crim, Jr., 425
 Kearny street, S. F. Owners, Realty
 Syndicate, Oakland. The building will
 be erected on the west side of Frank-
 lin street north of 14th, and has been
 designed to contain five modern stores.
 Interiors will be finished in pine
 throughout. There will be patent store
 fronts and plate glass windows. Mar-
 ble bases and tile vestibules will be
 used. Exterior of the building will be
 faced with pressed brick. Plans are

complete and figures are being taken.
RESIDENCE — 2 story and base, frame, \$1,500, Oakland, Cal. Architect, Leo L. Nichols, First Trust Bldg., Oakland. Owner, A. Kleppinger. The dwelling will be erected at the corner of Broadway and Ridgeway, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provided for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2498	Grant	Kollmer	2500
2499	Noe	Noe	400
2501	Meese	Woodard	6200
2502	Meyer	Baughman	2635
2504	Aftergut	Irvine	3189
2505	Valley Pipe	Ware	
2506	Small	Brasch	4000
2507	Henderson	Woodard	3000
2511	Pinson	Pinson	600
2513	Stinehoff	Stinehoff	2500
2515	Coxon	Peterson	2000
2516	Peterson	Peterson	1500
2517	Okd. Bldg.	Sims	2000
2518	Payne	Payne	1600
2519	Orr	Pearson	10000
2520	Turner	Doss	400
2521	Gregory	Donohue	4500
2522	Harwood	Harwood	450
2523	Fuller	Lodge	1740
2524	Odk Bd Ed.	Nall	700
2525	Strang	Strang	2400
2526	Wieben	Wieben	2200
2527	Billings	Buhman	2000
2528	Martin	Martin	800
2529	Economakis	Drawalls	400
2530	Okd Sch Dept.	Nall	700
2532	1st Pres Ch.	Nortensen	4680
2534	Cooper	Livingston	7743
2535	Kennedy	Glaze	5300
2540	Anderson	Anderson	1500
2541	McGuinness	Owner	3000
2545	Metteer	Vaughn	2725
2547	Young	Young	2000
2548	Woodward	Bartlett	1600
2549	Belfield	Almquist	550
2550	Kirkland	Glaze	5342

DWELLING

(2498) E HEARN 425 fm 59th, Oakland. One-story 6-room dwelling.
 Owner.....J. D. Grant, 2407 Alcatraz Ave., Oakland.
 Architect...None.
 Contractor...J. Kollmer, 2753 Piedmont Ave., Berkeley.
 COST, \$2500

ALTERATIONS

(2499) NO. 1517 E-NINETEENTH, Oakland. Alterations
 Owner.....Mrs. S. Noe, Premises.
 Architect...None.
 Day's work.....COST, \$400

DWELLING

(2501) E EDGEWOOD 150 S Everett, Oakland. Two-story 9-room dwlg.
 Owner.....Edwin Meese, 1175 8th, Oakland.
 Architect...None.
 Contractor...E. W. Woodard, 2645 13th Ave., Oakland.
 COST, \$6200

FRAME DWELLING

(2503) PTN LOT 2 Map Survey No. 824 for Henry G. Lee, 100 ace Tct., Oakland. All work for two-story 5-room frame dwelling.
 Owner.....John H. Meyer, S. F.
 Architect...None.

Contractor...J. W. Baughman, 1627 5th Ave., Oakland.
 Filed Oct. 13, '14. Dated Oct. 10, '14.
 Frame up\$650
 Plastered650
 Completed650
 Usual 35 days.....685
 TOTAL COST, \$2635
 Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

COTTAGE, BARN, ETC

(2504) LOT 102 Mission San Jose Lands known as Mowry Ranch, Washington Tp. All work for cottage, barn, bunk house and office building.
 Owner.....Sam Aftergut Co.
 Architect...None.
 Contractor...Robert Irvine, Irvington.
 Filed Oct. 13, '14. Dated Oct. 12, '14.
 1/2 completed 1/4
 3/4 completed 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$3199
 Bond, \$1600. Sureties, E. A. Grau and D. A. Robinson. Limit, 60 days. Forfeit, \$25. Plans and specifications filed.

EXCAVATION FOR PIPE LINE

(2505) POINT NTAIR COALINGA to pt near Martinez extending through counties of Fresno, Merced, Stanislaus, San Joaquin, Alameda and Contra Costa. Excavation for pipe line.
 Owner.....Valley Pipe Line.
 Architect...None.
 Contractor...R. F. Ware, Los Angeles.
 Filed Oct. 13, '14. Dated Sept. 30, '14.
 1st of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, 3 1/2 c per lin. ft.
 Bond, \$16,000. Surety, Southwestern Surety Insurance Co. Limit, 1 mile a day. Forfeit, none. Plans and specifications, none.

DWELLING

(2506) E NEWTON AVE 240 S Brooklyn, Oakland. Two-story 8-room dwelling.
 Owner.....H. J. Small, Palo Alto.
 Architect...Elite Planners, 1844 5th Ave., Oakland.
 Contractor...M. P. Brasch, 5836 Ocean View Drive, Oakland.
 COST, \$400

DWELLING

(2507) E EDGEWOOD 300 S Everett, Oakland. One-story 6-room dwlg.
 Owner.....Mary J. Henderson, 1162 Jackson, San Francisco.
 Architect...None.
 Contractor...E. W. Woodard, 2645 13th Ave., Oakland.
 COST, \$3000

DWELLING

(2511) W EIGHTY-FOURTH AVE 200 S Plymouth, Oakland. One-story 4-room dwelling.
 Owner.....M. M. Pinson, 1852 89th Ave., Oakland.
 Architect...None.
 Day's work.....COST, \$500

DWELLING

(2513) W AYALA 40 S Rose, Oakland. One-story 6-room dwelling.
 Owner.....D. R. Stenehoff, 5378 Locksley Ave., Oakland.
 Architect...None.
 Day's work.....COST, \$2500

DWELLING

(2515) E FIFTY FIRST AVE. N Ygnacio, Oakland. One-story 4 1/2 room dwelling.
 Owner.....Henry Coxon, Oakland.
 Architect...None.
 Contractor...T. S. Peterson, 5472 Boulevard, Oakland.
 COST, \$2900

DWELLING

(2516) E HILLSDALE 410 S Boulevard, Oakland. One-story 5 room dwelling.
 Owner.....T. S. Peterson, 5472 Boulevard, Oakland.
 Architect...None.
 Day's work.....COST, \$1500

DWELLING

(2517) N PRINCETON 200 E 54th Ave. Oakland. One-story 5-room dwlg.
 Owner.....Oakland Bldg. Co., Security Bank Bldg., Okd.
 Architect...None.
 Contractor...Wm. H. Sims, 1128 71st Ave., Oakland.
 COST, \$2000

DWELLING

(2518) E SEMINARY AVE 180 N Scenic Way, Oakland. One-story 5-room dwelling.
 Owner.....Sarah H. Payne, 582 22nd, Oakland.
 Architect...None.
 Day's work.....COST, \$1600

BRICK PACKING HOUSE

(2519) N SECOND 70 E Webster, Oakland. One-story brick packing house.
 Owner.....Orr & Breedlove, Prem.
 Architect...None.
 Contractor...Ben Pearson, 2402 Grant, Berkeley.
 COST, \$10,000

GARAGE

(2520) NO. 571 EL DORADO, Oakland Garage.
 Owner.....M. H. Turner, Premises.
 Architect...None.
 Contractor...C. A. Doss, 2028 E-15th, Oakland.
 COST, \$400

MAUSOLEUM

(2521) LOT 202 PLOT NO. 33, Mountain View Cemetery, Oakland. All work for mausoleum.
 Owner.....Carrie L. Gregory, Okd.
 Architect...None.
 Contractor...Frank H. Donohue (G. H. Jones Co.), S. F.
 Filed Oct. 14, '14. Dated Oct. 1, '14.

Granite base set and 2nd course ashlar set 1/4
 Granite roof set 1/4
 Marble, interior, bronze work and window completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$1500

Bond, none. Limit, 4 months. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2522) NO. 3552 JAMES AVE, Oakland. Alterations.
 Owner.....C. H. Harwood, Premises.
 Architect...None.
 Day's work.....COST, \$450

DWELLING

(2523) N MILLS 105 E Seminary Ave., Oakland. One-story 3-room dwlg.
 Owner.....Ruth Fuller, 2306 Seminary Ave., Oakland.
 Architect...None.

Contractor..Lodge & Mikkelsen, 3171 Prince, Oakland.
COST, \$1740

PORTABLE SCHOOL

(2524) W LINDEN 100 S Fifth, Oakland. One-story portable school.
Owner.....Oakland Board of Education.
Architect...None.
Contractor...Geo. C. Nall, 930 41st, Okd.
COST, \$700

DWELLING

(2525) E ELSTON 125 N E-37th, Oakland. One-story 5-room dwelling.
Owner.....V. N. Strang, 1521 9th, Oakland.
Architect...None.
Day's work. COST, \$2000

DWELLING

(2526) N AUGA VISTA 350 E 38th Ave. Oakland. One-story 5-room dwlg.
Owner.....C. A. Wieben, 2832 E-23rd, Oakland.
Architect...None.
Contractor...Alex C. Wieben, 2010 38th Ave., Oakland.
COST, \$2200

DWELLING

(2527) E EVERETT AVE 200 N E-38th, Oakland. One-story 5-room dwelling.
Owner.....Hattie Billingsley, 3828 Everett Ave., Oakland.
Architect...None.
Contractor...P. Buhman, 4037 Lincoln Ave., Oakland.
COST, \$2000

DWELLING

(2528) N EIGHTY-SIXTH AVE 80 W Olive, Oakland. One-story three-room dwelling.
Owner.....H. G. E. Martin, 2225 94th Ave., Oakland.
Architect...None.
Day's work. COST, \$800

ALTERATIONS

(2529) NO. 1003 WASHINGTON, Oakland. Alterations.
Owner.....P. Economakis, Premises.
Architect...None.
Contractor...J. Dravallis, 1409 Powell, S. F.
COST, \$400

PORTABLE SCHOOL

(2530) W LINDEN 100 S Fifth, Oakland. Portable school.
Owner.....Oakland School Department.
Architect...None.
Contractor...Geo. C. Nall, 930 41st, Okd.
COST, \$700

ALTER AND ADD FRAME CHURCH

(2532) SW "K" AND FOURTH W 150 x S 100, Livermore. Alterations and additions to frame church.
Owner.....First Presbyterian Church of Livermore.
Architect...Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor...Wm. Mortensen and Frank Lamanne, Livermore.
Filed Oct. 15, '14. Dated Oct. 6, '14.
10th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4680
Bond, \$2340. Surety, Fidelity & Deposit Co. Limit, 85 days. Forfeit, \$10. Plans and specifications filed.

FRAME DWELLING

(2531) LOTS 25 AND 26 BLK 17 Map Bks 17, 18, and 19 Thousand Oaks on San Juan Ave, Oakland Tp. All work except painting for two-story and basement frame dwelling.
Owner.....William John Cooper, 2802 Woolsey, Berkeley.
Architect...Wm. C. Hays, 1st National Bank Bldg., S. F.
Contractor...William Livingston & Son, 2918 Ellis, Berkeley.
Filed Oct. 15, '14. Dated Oct. 13, '14.

Frame up 1/4
Plastering completed 1/4
Accepted 1/4
Usual 35 days..... 1/4
TOTAL COST, \$7743.25
Bond, \$3871.60. Surety, Southwestern Surety Insurance Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

DWELLING

(2535) SE BEACON AND KENTON, Oakland. Two-story 6-room dwlg.
Owner.....J. D. Kennedy.
Architect...C. W. Dickey, Central Bk. Bldg., Oakland.
Contractor...R. Glaze, Humboldt Bank Bldg., San Francisco.
COST, \$5300

DWELLING

(2540) N HARBOR VIEW 100 E Redwood Road, Oakland. One-story 5-room dwelling.
Owner.....Oskar Anderson, 3740 Harbor View, Oakland.
Architect...None.
Day's work. COST, \$1500

DWELLING

(2541) W BEAUMONT AVE 160 N E-38th, Oakland. One-story 6-room dwelling.
Owner.....James McGuinness, 5615 E 16th, Oakland.
Architect...None.
Day's work. COST, \$3000

FRAME DWELLING

(2545) LOT 57 BLK 1262 Claremont Palm Tract, being on W Lawton 230 S Forest, Oakland. All work for two-story 6-room frame dwelling.
Owner.....N. J. Mettner, 904 31st Oakland.
Architect...Hutchinson Bros., 470 13th, Oakland.
Contractor...M. C. Vaughn, 5833 Ayala Ave., Oakland.

Filed Oct. 16, '14. Dated Oct. 13, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2725
Bond, \$1363. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2547) SW FIFTY-FIRST & MANILA Ave., Oakland. One-story 6-room dwelling.
Owner.....W. S. Young, 532 63rd, Oakland.
Architect...None.
Day's work. COST, \$2000

DWELLING

(2548) S GALINDO 400 W Fruitvale Ave., Oakland. One-story 4-room dwelling.
Owner.....F. J. Woodward, Oakland.
Architect...None.

Contractor...T. J. Bartlett, 3001 Galindo, Oakland.
COST, \$1600

DWELLING

(2549) E LOMA VISTA 300 N Kansas, Oakland. One-story 4-room dwlg.
Owner.....P. Belfield.
Architect...None.
Contractor...A. W. Almquist, 464 43rd, Oakland.
COST, \$550

FRAME DWELLING

(2550) NE COR. KENWYN ROAD AND Beacon, Oakland. All work for 2-story frame dwelling.
Owner.....D. W. Kirkland, Los Angeles.
Architect...C. W. Dickey, Central Bk. Bldg., Oakland.

Contractor...R. Glaze, Humboldt Bank Bldg., San Francisco.

Filed Oct. 16, '14. Dated Oct. 14, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5342

Bond, none. Limit, Dec. 25. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
2500	Moody	Converse	500
2502	Wolfenden	Stand. Bldg	2600
2508	Woolsey	Eprod	1800
2509	MacCauley	Owner	500
2510	Strong	Thompson	600
2512	Benetto	Hitchcock	400
2514	Schnuhoft	Winham	450
2521	Johanson	Owner	1600
2533	Culver-Bell	Tieslau	2450
2542	Koch	Koch	1500
2543	Harrison	Whiting	1500
2544	Finger	Finger	4000
2546	Hodgkin	Grant	2919

STUDIO

(2500) S LE CONTE 125 E Le Roy, Berkeley. One-story 3-room studio.
Owner.....Mrs. Mary Moody, 1725 Le Roy Ave., Berkeley.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Wm. Converse, 2710 Hille-gass Ave., Berkeley.
COST, \$500

DWELLING

(2502) LOT 11 BLK 10 Northbrae, Berkeley. All work for one-story 6-room dwelling.
Owner.....Andrew M. Wolfenden, Oakland.

Architect...None.
Contractor...Standard Bldg. Co., Okd.
Filed Oct. 13, '14. Dated Oct. 10, '14.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2600

Bond, none. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

REPAIRS

(2508) S CENTER 100 W Shattuck Ave., Berkeley. Repairs.
Owner.....W. E. Woolsey, Shattuck Hotel, Berkeley.
Architect...None.
Contractor...A. H. Broad, 2117 Klitt-ridge, Berkeley.
COST, \$1900

ADDITION

(2509) N SIXTH AND CARLTON, Berkeley. Addition.

Owner.....MacCauley Foundry Co.
Architect...None.
Day's work. COST, \$500

ADDITION
(2510) NO. 2611 WOOLSEY, Berkeley.
Addition.
Owner.....Rev. Ed. K. Strong, Prem.
Architect...None.
Contractor...E. S. Thompson & Son,
3650 Broadway, Oakland.
COST, \$600

REPAIRS
(2512) S ALCATRAZ 100 E Dover,
Berkeley. Repairs.
Owner.....S. Bennetto.
Architect...None.
Contractor...Geo. C. Hitchcock, 706
39th, Oakland.
COST, \$100

ALTERATIONS
(2514) NO. 2585 SHATTUCK AVE.,
Berkeley. Alterations.
Owner.....J. Schnuhoff, 2107 Parker,
Berkeley.
Architect...None.
Contractor...H. G. Winham, 589 62nd,
Oakland.
COST, \$450

DWELLING
(2531) N PARKER 80 W McGee Ave.,
Berkeley. One-story 5-room dwlg.
Owner.....Gustaf Johanson, 1811
Rose, Berkeley.
Architect...None.
Day's work. COST, \$1600

GARDEN WORK
(2533) LOTS 14 AND 15 Upper Clare-
mont, Baum's Sbdvn, Berkeley.
Garden work.
Owner.....Mrs. E. J. Culver-Bell,
Berkeley.
Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly.
Contractor...Tieslau Bros., 2814 Grove,
Berkeley.

Filed Oct. 15, '14. Dated Oct. 15, '14.
Forms completed 1/4
Forms filled 1/4
Completed and accepted 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2450
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

DWELLING
(2542) W SHATTUCK AVE 150 N
Berryman, Berkeley. One-story 6-
room dwelling.
Owner.....Fred W. Koch, 2043 Berry-
man, Berkeley.
Architect...None.
Day's work. COST, \$1500

DWELLING
(2543) W MABEL 160 N Russell, Ber-
keley. One-story 5-room dwlg.
Owner.....Miss Virginia Harrison,
2230 Pacific Ave., S. F.
Architect...None.
Contractor...Homer Whiting, 2206 Jef-
ferson, Berkeley.
COST, \$1500

DWELLING
(2544) N ROSE TERRACE 135 E Arch
Berkeley. Two and one-half-story 10
room dwelling.
Owner.....H. E. Finger, 1547 Shat-
tuck Ave., Berkeley.
Architect...James W. Plachek, Ache-
son Bldg., Berkeley.
Day's work. COST, \$4000

(2546) LOT 4 BLK 7 Map Berkeley
Heights, Berkeley. All work for 2-

story frame dwelling.
Owner.....C. R. Hodgkin, Berkeley.
Architect...Milwain Bros., Delger
Bldg., Oakland.
Contractor...Charles N. Grant, 760 56th
Oakland.

Filed Oct. 16, '14. Dated Oct. 15, '14.
Frame up and chimney built..... 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2910
Bond, \$1460. Surety, American Surety
Co. Limit, 90 days. Forfeit, none.
Plans and specifications filed.

Alameda.

No.	Owner	Contractor	Amt.
2526	Bell	Aitchinson	400
2537	Miller	Noble	1250
2538	Miller	Noble	1250
2539	Roth	Roth	400

GARAGE
(2536) NO. 1411 CENTRAL AVE., Ala-
meda. Garage.
Owner.....R. Bell, Premises.
Architect...None.
Contractor...Aitchison & Sons, 624 Tay-
lor Ave., Alameda.
COST, \$400

DWELLING
(2537) NO. 1631 FOLEY, Alameda.
One-story 4-room dwelling.
Owner.....Carrie T. Miller, 2624 Santa
Clara Ave., Alameda.
Architect...None.
Contractor...Geo. Noble, 2220 Central
Ave., Alameda.
COST, \$1250

DWELLING
(2538) NO. 1629 FOLEY, Alameda.
One-story 4-room dwelling.
Owner.....Carrie T. Miller, 2624 Santa
Clara Ave., Alameda.
Architect...None.
Contractor...Geo. Noble, 2220 Central
Ave., Alameda.
COST, \$1250

ADDITION
(2539) NO. 1622 MINTURD AVE.,
Alameda. Addition.
Owner.....Conrad Roth, Premises.
Architect...None.
Day's work. COST, \$100

COMPLETION NOTICES.

ALAMEDA COUNTY

Oct. 10, 1914—N 12.6 Lot 10 and S
25.2 Lot 11 Blk 4, Spaulding Tract,
Bkly. J A Pinkerton to whom it
may concern.....Oct. 9, 1914
Oct. 10, 1914—E COLBY 72 1/2 S 61st
37 1/2 x 125, Okd. John A Bischoff to
whom it may concern.....Sept. 23, 1914
Oct. 13, 1914—LOT 14 BLK 1 Amend-
ed Map Thousand Oaks Court, Oak-
land Tp. Mrs F V Pursel to Jones
& McGovern 9, 1914
Oct. 13, 1914—W BROADWAY 125 N
Birnie N 25xW 127-8, Okd. R and
M Cianciarulo to H F Lass.....
.....Oct. 9, 1914
Oct. 14, 1914—LOTS 24 70 29 incl.
Blk "D" Toler Heights, Okd. (4
dwellings). F N Tapscott to G B
HollenbeckOct. 14, 1914
Oct. 14, 1914—SW SIXTEENTH AND
Clay S 60xW 100, Okd. N Fried-
man Realty Co to John G Sutton
Co, Oct. 10; E T Leiter, Oct. 13, 1914
Oct. 14, 1914—PTX PLEASANTON
Race Track. Pleasanton. R J

Mackenzie to James L. McLaughlin
.....Oct. 12, 1914
Oct. 14, 1914—SW THIRTH AND
Jackson 75x100, Okd. W P Fuller
& Co to Schnebly, Houtzraver &
Podgriff.....Oct. 8, 1914
Oct. 11, 1914—PTX LOTS 7 AND 8,
University Terrace, Bkly. E R
Peters to Phil Sheridan, Oct. 10, 1914
Oct. 13, 1914—E KING 200 S Lincoln
Ave 50x142, Piedmont. P A Dinn-
more to Anderson & Larson.....
.....Oct. 9, 1914
Oct. 15, 1914—LOT 28 Map Resdvn
pth Blk "V" Vernon Park, Oakland
Tp. P A Graham to Cederborg &
Anderson.....Oct. 13, 1914
Oct. 15, 1914—NW HEARST AVE &
Highland Place W 100xN 144.65,
Bkly. Phil Delta Theta of Ber-
keley to Peter N Schmidt.....
.....Oct. 13, 1914
Oct. 15, 1914—PTX LOT "A" Map Lot
8, University Terrace, Bkly. Hay-
mond C Brooks to W S Montgom-
ery.....Oct. 10, 1914
Oct. 1, 1914—LOT 6 BLK "D" Map
No. 2 Salinger Tract, Okd. Emma
T and Albert H Foster to Lettie
W Taylor.....Oct. 10, 1914
Oct. 16, 1914—S E-THIRTY-FIRST
125 E Stuart Ave 50x200, Oakland.
Henry Werth to whom it may con-
cern.....Completed
Oct. 16, 1914—LOT 7 Map Ptn High-
land Park, Oakland. Eugene A
Schmidt to whom it may concern.
.....Oct. 15, 1914
Oct. 16, 1914—NW THIRTY-EIGHTH
and Webster, Okd. Henry Mason
to A F Vaid.....Oct. 14, 1914
Oct. 16, 1914—N FORTY-FIFTH 890
E Grove 50x100, Okd. M E Roberts
to M Allen.....Oct. 16, 1914

LIENS FILED.

ALAMEDA COUNTY.

Oct. 8, 1914—SE 1/2 LOT 39 BLK 9
Map Boulevard Park, Okd. E L
Blackmon Co vs Ada F Simpson
and O M Bullock.....\$31.80
Oct. 10, 1914—SE PTN LOT 30 BLK
16 Map Blvd Park, Okd. James E
Miller, \$160; Oscar Brown, \$95;
Kronenberg Hardware Co, \$24; O M
Bullock, \$500 vs Ada F Simpson, A
F B Real Estate Co and O M Bul-
lock
Oct. 13, 1914—NE SIXTH AND WEST
E 75xN 100, Okd. W P Fuller & Co
vs F Depavo and L Glachino and R
E Moore\$116.70
Oct. 13, 1914—SW YGNACIO AVE &
Belvedere S 45xW 100, Okd. Pacific
Mfg Co vs Jas Rountree.....\$43.20
Oct. 13, 1914—LOT 39 Map Piedmont
Manor, Piedmont. Panama Lum-
ber & Mill Co vs A C and Eva Davis
and Jas Rountree.....\$355.88
Oct. 13, 1914—LOT 39 Map Piedmont
Manor, Piedmont. John P Maxwell
vs Eva S and Arthur C Davis and
J Rountree\$138.13
Oct. 13, 1914—NW "B" 197.23 SW
Walnut th along "B" 50xNW 150,
Hayward. Geo W Luce vs Joseph
Pine\$131.40
Oct. 13, 1914—BRUSH NO. 1517, Okd.
Stephen Vida vs Charles J Astrue
and B A Trobeck and Joseph
Koerberling\$31.50
Oct. 13, 1914—SE 1/2 LOT 30 BLK 16
Map Boulevard Park, Okd. Geo
Ambrose, \$11.80, L E Dobson, \$54.40
vs Ada F Simpson and O M Bullock
Oct. 14, 1914—NE SIXTH AND SE
West NE 100xSE 75, Okd. Vager

Get it from Bacon.

The Blocks that were
used for moving the
Commercial High
School Building were
furnished by

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CONTRACTORS EQUIPMENT.

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38-40 NATOMA ST., S. F.

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**Structural Steel
Contractors**

**Works at
HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Markel 337

Sheet Metal & Plumbing Co vs F Depavo, Luigi Giachino and R E Moore\$344.20
Oct. 14, 1914—LOT 39 Map Piedmont Manor, being SE Manor Drive and Holly Place, Piedmont. Spott Bros. \$144.05; E L Thompson, \$52; J F Ellis (National Roofing Co), \$32.50; John A Kellie, \$28; Hogan Lumber Co, \$37.50 vs Eva and A C Davis and James Rountree.....
Oct. 15, 1914—LOT 39 Map Piedmont Manor, Piedmont. Pacific Fuel & Bldg Material Co, \$27.15; E Light-foot, \$23.57; Pacific Mfg Co, \$351.44; Standard Fence Co, \$33 vs A C Davis and James Rountree.....
Oct. 15, 1914—NE SIXTH AND WEST E 75xN 100, Okd. Pacific Fuel & Bldg Material Co vs F Depavo, L Giachino and Roy E Moore...\$742.25

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Concrete and steel, \$5,000, Salinas, Monterey Co, Cal. Engineer, County Surveyor, Salinas. Owners, Monterey County. Two bids were re-

ceived by the Supervisors for the construction of the tri-county bridge at Aromas. H. E. Rowe bid \$5,600 and Messmer & Rice, \$5,000. Both bids were rejected and the Clerk was ordered to advertise for new bids to be opened on November 10th.

RETAINING WALL AND CULVERT—Concrete construction. Cost not stated. Redwood City, San Mateo Co, Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. At the last meeting of the Board of Supervisors it was ordered that plans and specifications for a culvert and retaining wall on the Sawyer Camp road be adopted, and the Clerk publish a notice calling for bids for construction of same. It was also ordered that the Surveyor prepare plans and specifications for a road and bridge near Salada creek.

STREET WORK, GRADING AND ASPHALT PAVING—Cost not stated. San Jose, Santa Clara Co, Cal. Engineer, City Engineer, San Jose. Owners, City of San Jose. Plans and specifications for improving University avenue from the city limits to Palo Alto westerly to the State Highway have

been adopted by the Board of Supervisors here and bids will be received for same on November 2nd at 11 a. m.

STREET WORK, ASPHALT PAVING BRIDGE AND ROAD WORK—Cost not stated. Hollister, San Benito Co, Cal. Engineer, County Surveyor, Hollister. Owners, San Benito County. At a regular meeting of the Board of Supervisors the following matters were discussed: Bids for the tri-county bridge at Aromas were rejected. All bids were too high. New bids will be called for immediately. Revised plans and specifications for the jetties and piling on the Hollister-San Juan bridge were adopted and bids were ordered called, to be opened November 2nd at 2 p. m. The Board accepted plans and specifications for the Hollister-Cienega road and ordered bids called to be opened November 2nd at 2 p. m. No bids were received for constructing the Collins bridge, which is estimated to cost \$3,850, and the County Surveyor was ordered to have it built under the Day Labor system.

RESIDENCE—1½ story and base, frame, \$5,000. Mountain View, Santa Clara Co., Cal. Architect, F. D. Wolfe, San Jose. Owner, H. A. Krennstroff, First National Bank Bldg., San Jose. The dwelling has been designed for a nine-room house with two baths and sleeping porch. Interior finish will be of pine and hardwood with some white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—1½ story and base, frame, \$10,000. San Jose, Santa Clara Co., Cal. Architect, F. D. Wolfe, San Jose. Owner, Victor Scheller, First National Bank Bldg., San Jose. The dwelling will be erected near Evergreen, and has been designed for a ten-room house with two baths and sleeping porches. Interior will be finished in pine and hardwood with white enamel in the bed rooms. There will be hardwood and tile floors. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$7,500. Burlingame, San Mateo Co, Cal. Architect, Fay Spangler, Monadnock Bldg., S. F. Owner, Mr. Silbey. Contractors, Ruegg Bros., Pacific Bldg., S. F. Contract price, \$7,500.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

FRAME HOUSE
ON S BAYTER ROAD, bet. Saratoga and Mountain View Road. All work for frame house.

Owner.....A. W. Buchanan.
Designer.....H. A. Spreur.
Contractor.....H. A. Spreur, Mountain View, Cal.

Filed Oct. 6, '14. Dated Oct. 6, '14.
All labor bills paid on Saturday

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Oct. 10, 1914—LOT 21 BLK "N" May-
ward Park, San Mateo. Violet-
te Morris Co. to H V or von Voorhes
and C E McMullin Gas McMullin
von Voorhes Co., Oct. 8, 1914
Oct. 10, 1914—LOT 9 BLK 8 Sub No. 2
Burlingame Park, Burlingame. F
H and Elsie Suydam to J H Rock-
ingham. June 19, 1912
Oct. 10, 1914—LOT 14 BLK 8, Bur-
lingame Land Co, Burlingame.
Albert F H Jung to Wm J Sexton
.....Sept. 29, 1914
Oct. 14, 1914—LOT 18 BLK 18, Crocker
Estate Tract. William F Dreyer
to whom it may concern. Oct. 5, 1914
Oct. 14, 1914—LOT 8 BLK 62, Easton
Add'n to Burlingame No. 7. Ruegg
Bros to whom it may concern.....
.....Sept. 5, 1914
Oct. 14, 1914—LOT 6 BLK 62, Easton
Add'n to Burlingame No. 7. Ruegg
Bros to whom it may concern.....
.....Sept. 5, 1914
Oct. 15, 1914—LOT 14 BLK 17, Red-
wood Highlands, Redwood. John
Daly, Frederick P Callesen and
Donald MacKenzie to whom it may
concern.....Oct. 14, 1914
Oct. 15, 1914—LOT 10 BLK 17, Red-
wood Highland, Redwood. John
Daly, F P Callesen and Donald
MacKenzie to whom it may concern
.....Oct. 14, 1914
Oct. 9, 1914—COLUMBUS AVE AND
Adeline Drive (36 acres). C Fred-
erick Kohl to John MacLain.....
.....Oct. 6, 1914

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Oct. 5, 1914—PALM No. 837, San Jose
G Ziccardi to F Savio. Sept. 28, 1914
Oct. 9, 1914—LOT 9 BLK 9, Los Altos
Union Church of Los Altos to Chas
Pederson.....Sept. 28, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Oct. 7, 1914—LOTS 32 AND 33 BLK 1
Jenevien Shdvn. H W McCracken
vs Mrs John Griffin.....\$160
Oct. 9, 1914—LOT No. 32 BLK "K"
Mission Street Land Co. E J Gal-
lagher vs Ignacio Pauci.....\$85.06

MARIN, CONTRA COSTA AND
SONOMA COUNTIES.

SCHOOL—2 story and base, frame
and plaster, \$35,000. Dixon, Solano Co.,
Cal. Architect, Irwin Schaefer, Plaza
Bldg., Oakland. Owners, Dixon School
District. The building will contain
eight class rooms and an assembly
hall. Interior finish will be of pine
throughout with some maple floors.
Plans provide for steam heat and modern
school plumbing. There will be
composition blackboards. Exterior of
the building will be faced with cement
plaster on metal lath. Plans are now
being prepared. Further mention will
be made of the work when figures are
called.

BRIDGE—Reinforced concrete. Cost
not stated. Fairfax, Marin Co., Cal.

Engineer, County Surveyor, San Rafael
Owner, Marin County. Plans are com-
plete and figures are now being taken
for a reinforced concrete bridge to be
erected on the Fairfax Redinas road,
just south of the town of Fairfax. Al-
ternate bids will be received for tim-
ber construction to be considered in
case the reinforced concrete structure
runs above the estimate. Bids will be
opened by the Board of Supervisors on
November 10th. Plans and specifica-
tions can be secured from the County
Surveyor.

AND CONCRETE TIES—Cost not
stated. Rio Vista, Solano Co., Cal.
Engineer, City Engineer, Rio Vista
Owners, Town of Rio Vista. Plans and
specifications have been completed and
received the approval of the City Trust-
ees for paving Main street with as-
phalt and constructing concrete curbs.
Bids are now being taken and will be
opened on October 29th. Plans and
specifications can be secured at the
office of the City Clerk.

GAS PLANT AND MAIN EXTEN-
SIONS—Cost not stated. Martinez,
Contra Costa Co., Cal. Engineer, none.
Owner, Contra Costa Gas Co., Marti-
nez. The laying of gas mains will be
commenced in this city by the Contra
Costa Gas Company within one month,
according to statements made by of-
ficials of the company. The plant for
the furnishing of gas will be located in
Pittsburg where a site has recently
been purchased. S. Waldo Coleman is
president of the company.

SUPPLY DEPOT—Frame and corru-
gated iron. Cost not stated. Rio Vista,
Solano Co., Cal. Engineer, Engineering
Department, Standard Oil Co., S. F.
Owners, Standard Oil Co. The Stand-
ard Oil Company has leased consider-
able ground here and will soon start
the construction of a supply depot.
Three tanks with a capacity of 45,000
gallons are being installed. A garage,
supply house and other structures will
be erected by the company.

RAILROAD STATION—1 story,
frame and plaster, \$6,000. Richmond,
Contra Costa Co., Cal. Architect, En-
gineering Department Southern Pacific
Co., Flood Bldg., S. F. Owners, South-
ern Pacific Co. The Southern Pacific
Company states that actual construc-
tion will be started within a few days
on the new passenger station to be
erected at Richmond. The building
will be of frame and plaster and cost
in the neighborhood of \$6,000. Work
will also be started shortly on the new
freight sheds and track work at Rich-
mond, which has been estimated to
cost \$18,000.

Contracts Awarded.

RESIDENCE—2 story and base,
frame, \$6,700. Sausalito, Marin Co., Cal.
Architect, none. Owner, P. B. Law-
rence. Contractor, E. E. Etherton, Mo-
nadnock Bldg., S. F. Contract price,
\$6,700.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Sept. 30, 1914—LOT 17 BLK 36 Am'd
Map of City of Richmond. Hoyt &
Greene, Inc to C D Knolly
.....Sept. 21, 1914
Sept. 30, 1914—S 65 FEET LOT 9 and
S 65 feet of E 10 feet Lot 10 Blk
1 Map of Town of Crockett. Hoyt
& Greene, Inc to T S Handley ..
.....Sept. 21, 1914

of each week..... 75%
As work progresses..... \$400
Usual 35 days..... \$400
TOTAL COST, \$1600
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME RESIDENCE AND GARAGE
LOT 20 BLK 4, Hester Park Tract, San
Jose. All work for one-story frame
dwelling and garage.
Owner.....J. E. Ball and M. F. Ball,
37 Magnolia Ave., San Jose
Architect.....None.
Contractor.....F. L. Hoyt, 566 N-16th St.,
San Jose.
Filed Oct. 7, '14. Dated Oct. 2, '14.
1st floor joists in place.....\$637.50
1st coat plaster on..... 637.50
When completed..... 637.50
Usual 35 days..... 637.50
TOTAL COST, \$2250.00
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

ALTER RESIDENCE
ON LOS GATOS ROAD, Saratoga. Re-
modeling frame dwelling.
Owner.....L. T. Montgomery, Sara-
toga, Cal.
Architect.....C. S. McKenzie, Bank of
San Jose Bldg., San Jose.
Contractor.....John Rodoni, Saratoga.
Filed Oct. 5, '14. Dated Sept. 29, '14.
Frame addition up.....\$675
When enclosed..... 675
When completed..... 675
Usual 35 days..... 675
TOTAL COST, \$2700
Bond, \$1500. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY.

LOT 19 BLK 44, Easton Addition to
Burlingame. All work for one-story
residence.
Owner.....Alma D. and William S.
Wollner, 1245 Washington,
San Francisco.
Architect.....Edward E. Young 251
Kearny, San Francisco.
Contractor.....Ruegg Bros., Pacific Bldg.,
San Francisco.
Filed Oct. 9, '14. Dated Oct. 6, '14.
Frame up.....\$787.25
Brown coated..... 781.25
When completed..... 781.25
Usual 35 days..... 781.25
TOTAL COST, \$3125.00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

COW BARN AND MILK ROOM
LOT 64, Laurel Creek Farm, San Mateo
Concrete work, cement plastering
and necessary excavating, grading
and form work for cow barn and
milk room.
Owner.....F. A. King, San Mateo.
Architect.....M. S. Woodhams, S. F.
Contractor.....A. B. Rilovich, San Mateo.
Filed Oct. 13, '14. Dated Oct. 9, '14.
All excavating done.....\$300.00
Concrete for cow barn poured \$35.52
Completed and accepted..... 400.00
Usual 35 days..... 400.00
TOTAL COST, \$1485.52
Bond, \$750. Sureties, W. F. Boland and
James Keegan. Limit, 60 days. For-
feit, none. Plans and specifications
filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Oct. 10, 1914.—NEAR IGNACIO, Marin
Co., California Fruit Canners' As-
sociation (cnp) to G W Price Pump
& Engine Co., Sept. 23, 1914

FRESNO, MODESTO, SACRAMENTO
AND CENTRAL CALIFORNIA.

WATER PRESSURE SYSTEM — \$3,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. A request for an appropriation of \$2,000 or \$3,000 to start a water pressure system at Roeding Park has been put before the Park Commission. The matter will be considered at the next meeting of the City Commission.

TRANSMISSION LINE — Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. The Power Equipment Co., Rialto Bldg., S. F., submitted the lowest figure at \$11,000 for constructing 9.5 miles of transmission line in Kern County. John R. Cahill, 460 Montgomery street, S. F., submitted the only other figure at \$16,400. Both bids were taken under advisement by the County Highway Commission.

BRIDGE AND GRADING—Cost not stated. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Bids will be received up to November 6th for improving the Dunlop Cut-off road and for constructing a reinforced concrete bridge 75 feet long. The work is estimated to cost \$6,000. Plans and specifications can be secured from the County Surveyor.

HOTEL AND STORES—4 story and base, brick and steel, \$75,000. Fresno, Fresno Co., Cal. Architect, R. F. Felchin, Fresno. Owners, Berry Estate. The building will be erected on the site of the former Fulton Hotel, destroyed by fire. The building will have stores on the first floor besides the hotel office and lobby. Upper floors will contain a total of 63 guest rooms and 35 baths. Interior finish will be of pine and hardwood. Tile floors will be used in the baths. Plans provide for steam heat and a hot water system. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for in about two weeks.

BRIDGE—Reinforced concrete, \$3,000. San Luis Obispo, San Luis Obispo Co., Cal. Engineer, County Surveyor A. F. Parsons, San Luis Obispo. Owners, San Luis Obispo County. Bids opened by the Board of Supervisors for the construction of the Paloma Creek bridge have been rejected. After considerable discussion it was decided to build the structure by Day Labor. The structure will be of reinforced concrete construction, and will be constructed under the supervision of County Surveyor A. F. Parsons and Supervisor E. W. Black.

SACRAMENTO, STOCKTON AND
NORTHERN CALIFORNIA.

BRIDGE, Timber construction. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff,

owners, Tehama County. Plans and specifications for a wooden bridge to be erected over the Salt Creek slough in Road District No. 4 have been adopted by the Board of Supervisors, and bids will be received for construction of same until November 5th, at 10 a. m.

BRIDGE—Reinforced concrete. Cost not stated. Arcade Creek, Sacramento Co., Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Plans and specifications have been completed and have received the approval of the Board of Supervisors for a reinforced concrete road bridge to be constructed over the Arcade Creek on the Auburn road. Bids are now being taken and will be opened by the Board of Supervisors on October 29th. Plans and specifications can be secured from the County Surveyor.

BRIDGE—Timber construction. Cost not stated. Colusa, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. The County Surveyor's plans for a wooden trestle across Meulton break have been accepted by the Supervisors and bids will be received until November 4th at 2 p. m.

SEWER WORK — Cost not stated. Orland, Glenn Co., Cal. Engineer, City Engineer, Orland. Owners, City of Orland. The Trustees of this city have ordered the City Engineer to make complete plans and specifications for the extension of the sewer and water systems. As soon as this is done, bids for the construction of same will be advertised for.

CITY WATER SYSTEM — \$85,000. Red Bluff, Tehama Co., Cal. Engineer not selected. Owners, City of Red Bluff. Fred McDowell, who has charge of the circulation of a petition which asks that the City Trustees set a date when the people of the city will be called upon to vote bonds in the sum of \$85,000 to establish a municipal water system, states that over 300 signatures have been attached to the proposition. Only 220 names are needed to assure the placing of the question before the voters.

TRUNK LINE SEWER—\$55,000. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The bid of the Matthews Construction Co. for the new trunk sewer has been rejected by the City Commission on the ground that it was not according to the requirements of the advertisement. This action follows a protest made by Teichert & Ambrose and Carnahan & Mulford. Matthews bid on the work as a whole instead of bidding for units as the specifications required. He agreed to do the work for \$56,800, whereas his bids for materials totals on \$30,000. New bids will be opened next week.

RESIDENCE — 1 story and base, frame, \$2,500. Sacramento, Cal. Owner, John Jennings, 4127 1 street, Sacramento. The dwelling will be erected on G street between 41st and 42nd, and has been designed for a five-room house with bath. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BRIDGE — Reinforced concrete \$134,000. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville. Owners, Yuba County. A statement published in the Marysville Appeal on October 16th, states that the Clinton Fireproofing Co., Mutual Bank Bldg., S. F., had abandoned their contract for the construction of the D street bridge in that city, a job amounting to \$134,000. P. E. Parker, manager of the Clinton Fireproofing Co., has stated to a representative of the News that his company has no such intention and that already three cars of equipment and materials are on the job. Work will be started on the big bridge by the Clinton Co. at once.

SCHOOL—1 and 2 story and base hollow tile construction, \$25,000. Folsom, Sacramento Co., Cal. Architect George C. Sellon and Alden W. Campbell, 1005 K street, Sacramento. Owners, Granite School District. This work has been out for figures before, but plans were revised and new figures are now being called. Bids will be opened on October 24th. Plans and specifications can be secured from the architect.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

DWELLING

NO. 817 THIRTIETH ST., on N ¼ Lot 8, 30th, 31st, H and I Sts., Sacramento. Erect dwelling.

Owner.....John Erich, 3026 H St. Sacramento.

Architect...None.

Contractor...Ed Brook, 2912 G St., Sacramento. COST, \$2500

DWELLING

FOURTH AVE, bet 22nd and 23rd Sts. Lot 286 West Curtis Oaks Add'n Sacramento. Five-room dwelling.

Owner.....J. F. Wiegner, 1910 L St. Sacramento.

Architect...None.

Contractor...E. A. Corum, 2523 1st Ave. Sacramento. COST, \$2150

DWELLING

NO. 2418 Z ST., on Lot 4 Blk "K," Highland Park, Sacramento. Six-room dwelling.

Owner.....E. Ruson.

Architect...None.

Contractor...H. A. W. Lindgreen, 3744 Magnolia St., Sacramento. COST, \$1800

DWELLING

NO. 2410 Z ST., on Lot 5 Blk "K," Highland Park, Sacramento. Six-room dwelling.

Owner.....E. Ruson.

Architect...None.

Contractor...H. A. W. Lindgreen, 3744 Magnolia St., Sacramento. COST, \$1800

GARAGE

NO. 1001 "I" W ½ of S ½ Lot S, L, J 10th and 11th Sts., Sacramento, Erect terra cotta garage.

Owner...Mrs. King Becker, Prem.

Architect...None.

Contractor...A. Van Zu, 2707 1 St., Sacramento. COST, \$3500

FRAME RESIDENCE

NO. 2215 W, on W ½ of Lot 6, V, W

22nd and 23rd Sts., Sacramento, 7-room dwelling.
Owner.....D. J. Gomes.
Architect...None.
Contractor...M. F. Terra, 2315 9th St., Sacramento.
COST, \$3200

FRAME RESIDENCE
NEW UPPER STOCKTON ROAD on E 87.53 ft. Lot 1299, W and K Tet No. 29, Sacramento. Five-room dwlg.
Owner.....H. G. Birdsall, 3115 V St., Sacramento.
Architect...None.
Contractor...Birdsall & Lastra, Sacramento.
COST, \$2350

ALTER STORES
NO. 907 TO 915 THIRD ST. Sacramento. Remodel stores.
Owner.....Daniel Mason, 1703 G St., Sacramento.
Architect...None.
Day's work. COST, \$1500

ALTER DWELLING
NO. 2230 O ST., N ½ of E 34 feet Lot 4, O, P, 22nd and 23rd Sts., Sacramento. Move dwelling and make alterations.
Owner.....H. H. Derr, Premises.
Architect...None.
Contractor...Clarence Godfrey, Channing Way near Schley, Sacramento.
COST, \$1200

FRAME RESIDENCE
NO. 1026 D ST., on E ½ Lot 6, C, D, 10th and 11th Sts., Sacramento. Move building to rear o lot and build four-room dwelling in front.
Owner.....Venzazio Lumetta.
Architect...None.
Contractor...D. Tatti, 2116 O St., Sacramento.
COST, \$1200

BUILDING
S ½ LOT 1, N, O, 27th and 28th Sts., Sacramento. Erect building.
Owner.....The First Unitarian Society of Sacramento.
Architect...None.
Contractor...Murcell & Haley, 2nd St. Cor. V, Sacramento.
Filed Oct. 6, '14. Dated Oct. 6, '14.
COST, \$7758

REPAIRING
W 40 FEET LOT 18, Oak Grove Tct., Sacramento. Repairing and reshingling.
Owner.....George Kramer, 3231 2nd St., Sacramento.
Architect...None.
Contractor...A. Miller.
COST, \$500

ALTERATIONS
NO. 1319 K ST., on W ½ Lot 6, K, L, 15th and 19th Sts., Sacramento. Two story addition and make store.
Owner.....Jane Martin.
Architect...None.
Contractor...Sacramento Home Bldrs., 522 Forum Bldg., Sacramento.
COST, \$2100

REPAIRS
NO. 1408 EIGHTH, on N 30 feet of S ½ Lot 4, N, O, 7th and 8th Sts., Sacramento. Reshingle and repair.
Owner.....James Griffith, 1410 8th St., Sacramento.
Architect...None.

Contractor...W. R. Beach, 2815 E St., Sacramento.
COST, \$300

FRAME BUILDINGS
LOT 21 SUB 1 AND LOTS 1 AND 2 Blk 37 Sub 8, North Sacramento. Erect two buildings.
Owner.....North Sacramento School District, Sacramento.
Architect...None.
Contractor...William Wall, 2712 W St., Sacramento and F. G. Parker, 2010 M St., Sacramento.
Filed Oct. 3, '14. Dated Sept. 14, '14.
COST, \$19,294

CHURCH
NO. 1411 TWENTY-SEVENTH, on S ½ Lot 1, N, C, 27th and 28th Sts., Sacramento. Erect church.
Owner.....First Unitarian Church Society, Inc.
Architect...E. C. Hemmings, 1205 J St., Sacramento.
Contractor...Murcell & Haley, Ochsner Bldg., Sacramento.
COST, \$8000

RESIDENCE
NO. 2204 THIRD AVE, Lot 160 West Curtis Oaks Add'n, Sacramento. Eight-room residence.
Owner.....N. Jane Feagan, 2200 1st St., Sacramento.
Architect...None.
Contractor...W. T. Feagan, 2200 1st St., Sacramento.
COST, \$3800

FRAME RESIDENCE
NO. 715 THIRTIETH on S ½ Lot 1, G, H, 30th and 31st Sts., Sacramento. Seven-room residence.
Owner.....James O. Boyd, 1307 G St., Sacramento.
Architect...None.
Contractor...C. A. Hillberg, 1012 Maple Ave., Sacramento.
COST, \$3000

RESIDENCE
G ST., bet 41st and 42nd, Sacramento. Five-room residence.
Owner.....John Jennings, 4127 I St., Sacramento.
Architect...None.
Day's work. COST, \$2500

FRAME RESIDENCE
NO. 1919 FIFTEENTH ST., on S ½ of N ½ Lot 8, S, T, 15th and 16th Sts., Sacramento. Five-room dwelling.
Owner.....Mrs. J. V. Welch, 1911 9th St., Sacramento.
Architect...None.
Contractor...W. B. Saunders, 2810 J St., Sacramento.
COST, \$2250

RESIDENCE
STANFORD AVE near 40th St., on W 14½ feet Lot 8 and E 2 feet Lot 7, H J Gordies Add'n, Sacramento. Five-room dwelling.
Owner.....Margaret I. Pettyjohn, Stockton, Cal.
Architect...None.
Contractor...F. D. Lamone, 4219 Stanford Ave., Sacramento.
COST, \$1300

ADDITION TO RESIDENCE
NO. 1108 G ST., on W ½ Lot 2, G, H, 11th and 12th Sts., Sacramento. Addition to residence.
Owner.....A. H. Morgan, Premises.
Architect...None.

Contractor J. A. Silva, 116 13th St., Sacramento.
COST, \$700

ADDITION
NO. 700 L ST., on N 100 feet Lot 1, L, M, 7th and 8th Sts., Sacramento. Addition to furnace room of tenement house.
Owner.....Mrs. Chas. Schwartz, Prem.
Architect...None.
Contractor...Miller & Edler, 1230 J St., Sacramento.
COST, \$3700

REPAIR STORE BUILDING
NO. 718 J ST., on W ½ Lot 3, J, K, 7th and 8th Sts., Sacramento. Repairs in store building.
Owner.....Frank Baroux.
Architect...None.
Contractor...Miller Bros., 1614 13th St., Sacramento.
COST, \$500

OIL STATION
NO. 2300 J ST., on N ¼ Lot 1, J, K, 23rd and 21th Sts., Sacramento Gasoline and oil service station.
Owner.....Huston & West, 823 J St., Sacramento.
Architect...None.
Contractor...F. C. Williams, Ochsner Bldg., Sacramento.
COST, \$350

ADDITION TO RESIDENCE
NO. 1425 D ST., on S ½ of W ½ Lot 5, C, D, 14th and 15th Sts., Sacramento. Frame addition to residence.
Owner.....Hans Hansen, Premises.
Architect...None.
Contractor...Ed. W. Book, 2912 G St., Sacramento.
COST, \$300

REMODEL OFFICE IN STORE
LOTS 1 AND 2 AND W 40 feet Lot 3, K, L, 4th and 5th Sts., Sacramento. Remodel office in store.
Owner.....Weinstock-Lubin Co., 400 K St., Sacramento.
Architect...None.
Contractor...W. L. Rutan, Forum Bldg., Sacramento.
COST, \$300

ALTER BRICK BUILDING
NO. 1012 TENTH ST., on ptn Lot 4, J, K, 9th and 10th Sts., Sacramento. Remodel brick building.
Owner.....Maria Bellmer, 1010 10th St., Sacramento.
Architect...None.
Contractor...Wielhahr & Bender.
COST, \$3400

REPAIR FIRE DAMAGE
NO. 1301 FRONT ST., Lot 1, M, N, 1st and 2nd Sts., Sacramento. Repair fire damage.
Owner.....Northern Electric Co. and Hall-Jahrs & Co., 908-16 Second St., Sacramento.
Architect...None.
Contractor...Murcell & Haley, 2nd & V Sts., Sacramento.
COST, \$4900

FRAME RESIDENCE
NO. 2307 Q ST., on E ½ of S ½ Lot 8, P, Q, 23rd and 24th Sts., Sacramento. Five-room dwelling.
Owner.....N. R. Taylor, 1827 H St., Sacramento.
Architect...None.

Contractor...T. A. Mcbougall, 1712 1st Ave., Sacramento.
COST, \$1500

PUBLIC GARAGE
NO. 3717 MAGNOLIA AVE on N 1/2 of S 1/2 of S 1/2 acre Lot 43, South Sacramento. Build public garage.
Owner.....Tony Astredo, 2015 15th St., Sacramento.
Architect...None.
Contractor...W. H. Kennedy.
COST, \$1100

WAGON SHED
NO. 1228 QUINN AVE. on S 120 feet of W 1/2 Lot 6, X, Y, 12th and 13th Sts., Sacramento. Build wagon shed.
Owner.....Oliver E. Schrunck, 2314 13th St., Sacramento.
Architect...None.
Day's work.
COST, \$300

CONCRETE BUILDING
LOT 4, K, L, 14TH and 15TH STS., Sacramento. One-story concrete bldg.
Owner.....Eagles' Hall Association of Sacramento.
Architect...Clarence Cuff, Elks' Bldg., Sacramento.
Contractor...Howard S. Williams, Hearst Bldg., S. F.
Filed Oct. 9, '14. Dated Sept. 29, '14.
COST, \$14,771

REPAIR LODGINGS
NO. 929 K ST., on W 28th feet of E 52 feet of S 80 feet Lot 5, J, K, 9th and 10th Sts., Sacramento. Repair store and lodging house.
Owner....A. Wilkens, 820 H St., Sacramento.
Architect...None.
Contractor...J. T. Brennan, 2423 H St., Sacramento.
COST, \$500

BRICK STORE
NO. 626 Q ST., on N 1/2 Lot 4, Q, R, 6th and 7th Sts., Sacramento. One-story brick store building.
Owner.....R. Croffi, 701 L St., Sacramento.
Architect...None.
Contractor...Chas Vanina, 2022 M St., Sacramento.
COST, \$150

ALTERATIONS
NO. 314 K ST., on E 1/2 Lot 2, K, L, 3rd and 4th Sts., Sacramento. Place partition in store building.
Owner.....A. Greenwald, Premises.
Architect...None.
Contractor...Barton & Hite, 1006 1/2 9th St., Sacramento.
COST, \$400

REPAIR BRICK BUILDING
NO. 120 "I" on W 1/2 Lot 8, I, J, 1st and 2nd Sts., Sacramento. Repair brick building.
Owner.....S. E. Vinnie, Premises.
Architect...None.
Contractor...Hendricks, 1125 E St., Sacramento.
COST, \$350

REMODEL AND REPAIR STORE
NOS. 1018-1022 K ST., on E 60 feet Lot 3, K, L, 10th and 11th Sts., Sacramento. Remodel and repair store building.
Owner.....Dunn & Fragar Co., 1509 14th St., Sacramento.
Architect...None.
Contractor...Al Fernandez, 1018 K St., Sacramento.
COST, \$200

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

HOTEL
NW SCHOOL AND PINE, Lodi. All work for complete mechanical plant and steam heating installation for a three-story steel frame hotel.
Owner.....Lodi Investment Co., Lodi.
Architect...E. B. Brown, Masonic Temple, Stockton.
Contractor...Arthur & Thomas Hateley Sacramento.

Filed Oct. 1, '14. Dated Sept. 30, '14.
On 3rd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4536
Bond, \$2268. Surety, United States Fidelity & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED **ACCEPTED**
Oct. 4, 1914—S 1/2 OF N 1/2 LOT 8 and S 1/2 of N 1/2 of W 70 of Lot 7, V, W, 21st and 22d Sts., Sacramento
Elisa Grau Thomas to Sacramento Home Builders.....Sept. 29, 1914
Oct. 9, 1914—LAND BORDERING ON Sacramento River (erection of wharf). Associated Oil Co to Jenkins & Wells.....Oct. 5, 1914

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

HOTEL BUILDING
SW PINE AND SCHOOL, Lodi. Sheet metal work for three-story and basement hotel building.
Owner.....Lodi Investment Co., Lodi
Architect...E. B. Brown, Suite 12, Masonic Temple, Stockton.
Contractor...Henderson Bros. Co., Lodi
Filed Oct. 14, '14. Dated Oct. 7, '14.
On 3rd day of each month..... 75%
Usual 35 days, balance of.... 25%
TOTAL COST, \$2883
Bond, \$1445. Sureties, Geo. H. Keagle and A. O. Eddleman. Limit, forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

DAM—Concrete and earth. Cost not stated. Redlands, San Bernardino Co., Cal. Engineer's name not given. Owners, Tri-County Reforestation District. The Tri-County Reforestation committee has under discussion a project for the construction of a great 4,000-foot dam 12 feet in height across the mouth of the Santa Ana canyon, it being argued that silt will form which will spread the waters over a vast area later to be conducted by channels into an artesian basin. This is the latest idea for the conservation of water which is now being wasted.

HIGHWAY CONSTRUCTION—Cost not stated. San Bernardino, San Bernardino Co., Cal. Engineer, County Surveyor, San Bernardino. Owners, San Bernardino County. On condition that the Board of Supervisors of this county will construct a road from Daggett to Francis Springs, the people of Clarke County, Nevada, have agreed to construct a road as far as the spring in this county. The road will be a main thoroughfare for automobiles from Sant Lake City to Daggett. The

Nevada people declare Silver Lake people are passing a petition to be presented to the Supervisors for an appropriation to build the road.

ROAD WORK, SURFACING AND GRADING—Cost not stated. Siever's Canyon Road, Orange Co., Cal. Engineer, County Surveyor, Santa Ana. Owners, Orange County. Plans are complete and figures are now being taken for grading and surfacing the Siever's Canyon road from the Ranch Mission Viejo to the easterly county line. Bids will be opened for this work on November 4th. Plans and specifications can be secured from the County Surveyor.

CHURCH—2 story and base, reinforced concrete, \$200,000. Los Angeles, Cal. Architects, J. T. Jones and T. F. Imes, Washington Bldg., Pittsburgh. Pa. Owners, St. Vincent's Parish. The building will be erected at the corner of Adams and Figueroa streets, covering an area of 100 by 225. The design will be in the Italian style. Construction will be fireproof. The main portion of the church will be 85 feet high. Interior will be finished in pine and hardwood with ornamental plaster in the main auditorium. There will be steam heat. Marble and tile will be used extensively. Exterior of the building will be faced with pressed brick. A general contract will be let. Working drawings are nearly complete and figures will be taken in about a month.

Contracts Awarded.

SCHOOLS—3, 1 and 2 story. Class C construction, \$66,435. Alhambra, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Alhambra High School District. Contractors, John Simpson Co., Baker-Detwiler Bldg., L. A., general construction, \$66,435; Alhambra Wall Paper and Paint Co., Alhambra, painting, \$3,245; J. M. Mullins Electric Co., Baker-Detwiler Bldg., L. A., \$2,829.95; Machinery and Electric Co., L. A., heating and ventilating, \$8,225.00 and C. E. McPeak, Glendale, plumbing, \$5,527.

SCHOOL—2 story and base, brick, \$23,511. Los Angeles, Cal. Architect, Architectural Dept. of Board of Education, L. A. Owners, City of Los Angeles. Contractors, Hetzel-Winget Co., Grant Bldg., L. A. Contract price, \$23,511.

SCHOOL—2 story and base, concrete and brick, \$66,700. Los Angeles, Cal. Architect, Architectural Dept. of Board of Education, L. A. Owners, City of Los Angeles. Contractor, Alex. Grant 1201 West 37th street, L. A. Contract price, \$66,700.

Bridges, 2, reinforced concrete and steel. Cost not stated. Santa Barbara Santa Barbara Co., Cal. Engineer, City Engineer, Santa Barbara. Owners, City of Santa Barbara. Contractors, Boardman Construction Co., Santa Barbara, Also Creek bridge, \$11,290; Munoz & Munoz, Santa Barbara, Salina bridge, \$11,324.

PORTLAND AND OREGON.

STORAGE DAM—Reinforced concrete. Cost not stated. Princville Ore. Engineers, United States Reclamation Service, Portland. Owners, United States Government. A crew of men under the State Engineer, John H. Lewis, have completed prospect work on the U. S. Reclamation Service site

for a storage dam at Stewart's Gate, on Crooked River, about 30 miles south of Prineville. The project is being considered for the purpose of storing water for the farming section north of Prineville, covering several thousand acres. The plan is for a dam 180 feet in height, which would back water up for a distance of more than 15 miles.

SAW MILL CONSTRUCTION—\$90,000. Klamath Falls, Ore. Engineer, F. Hill Hunter, Spokane. Owners, Pelican Bay Lumber Co. Work has been started on the rebuilding of the plant of the Pelican Bay Lumber Company, which was destroyed by fire recently, causing a loss of \$90,000. A larger mill than before is now being constructed. New machinery of various makes will be installed. F. Hill Hunter of Spokane has full charge of the construction. The work is estimated to cost between \$90,000 and \$100,000.

PAROCHIAL SCHOOL—2½ story and base, brick, \$35,000. Pendleton, Ore. Architects, Houghtaling & Dugan, Henry Bldg., Portland. Owners, Roman Catholic Church of Pendleton. The building will be in the nature of an addition to the present school which is of frame construction. The new portion will contain a large auditorium and offices in addition to the class rooms. Interior finish will be of pine and redwood. Maple floors will be used in the class rooms. There will be steam heat. All interior trim in the old portion of the building will be replaced with new and partitions of metal lath and plaster will be installed. Exterior of the new building will be faced with pressed brick. Plans are being prepared.

SCHOOL—2 story and base, brick and mill construction, \$75,000. La Grande, Ore. Architects, Houghtaling & Dugan, Henry Bldg., Portland. Owners, Roman Catholic Church. The building will cover a large area and will be of the mill construction type with brick exterior walls and frame interior. There will be a chapel, class rooms, recitation rooms, a dormitory for the boarding students and quarters for the sisters. Interior will be finished in pine throughout with maple floors in the class rooms. There will be steam heat and a hot water supply. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared and figures will be called for shortly.

SCHOOL—2½ story and base, reinforced concrete, \$55,000. Portland, Ore. Architect, T. J. Jones, 334 East Third street, Portland. Owners, Richmond School District. The building will cover an area of 47 by 170 feet. There will be nineteen class rooms, an auditorium, offices and recitation rooms. Basement will be arranged for a gymnasium and toilets. Interior will be finished in pine throughout with maple floors in the class rooms. Steam heat will be installed, the main plant being housed in an adjoining building. Exterior will be faced with cement plaster. Modern school plumbing will be used. Plans are complete and figures will be called for shortly.

TRESTLE—Timber construction. Cost not stated. Westport, Ore. Engineer, Engineering Dept. of Columbia & Nehalem Railroad, Westport. Owners, Columbia & Nehalem Railroad Co. This contract will be divided into two parts—the trestle work, and fur-

nishing and placing lumber in the bent trestle. The trestle will be 1,252 feet long and from 15 to 70 feet high. In the lumber contract there will be required in the neighborhood of 400,000 feet of lumber. The company will furnish the contractor with an engine and two pile drivers. Plans are complete and figures are now being taken.

SEWER SYSTEM—\$183,000. Montaville, Ore. Engineer, City Engineer, Montaville. Owners, City of Montaville. Plans are nearly complete for the construction of a new sewer system known as the Willow and East 82nd street branch. This work includes practically the entire system for the city. The contractor will be allowed 330 days to complete the work. Plans and specifications can be secured from the City Clerk. Bids will be called for in a few days.

Contracts Awarded.

STABLES—2 story and base, reinforced concrete, \$38,975. Portland, Ore. Architect, C. C. Rich, care of Building Inspector, Portland. Owners, City of Portland. Contractors, Parker & Randolph, 463 East Stark street, Portland. Contract price, \$38,975.

SEATTLE AND WASHINGTON.

SCHOOL—3 story and base. Class A construction, \$350,000. Seattle, Wash. Architect, Edgar Blair, 1326 Jackson street, Seattle. Owners, Ballard School District. The building will be erected at the northwest corner of 14th avenue and West 65th street, and will cover a large ground area. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls and floors, hollow tile interior partitions and pressed brick facing. The building will contain a large number of class rooms, lecture halls, teachers' rooms, general office, an assembly hall and auditorium and department for domestic science and manual training. Interior finish will be of pine and hardwood. Maple floors will be used in the class rooms and auditorium. Plans provide for steam heat, an oil burning system, vacuum cleaning, program clocks and slate blackboards. Bids will be taken on a general contract, including all work, and also for the general construction with one alternate and separately for the plumbing, heating and ventilating, electric work and program clocks. Plans are complete and figures are being taken. Bids will be opened on October 28th.

LODGE HALL AND STORES—4 story and base, reinforced concrete, \$100,000. Tacoma, Wash. Architect, C. Fere Champney, Henry Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will be erected at the corner of 7th and C streets, and will be of fireproof construction throughout, with reinforced concrete walls, floors and hollow tile interior partitions. The entire building will be devoted to the use of the owners. Plans provide for a large assembly hall, banquet room, gymnasium with a large swimming tank and social rooms. Upper floors will be arranged for living apartments. Interior will be finished in pine and hardwood. There will be steam heat, an automatic elevator, hot water system and vacuum cleaning. Large open fire places will be a feature of a number of the rooms. Exterior of the building will be faced with cement plaster. Plans

are nearly complete and figures will be taken shortly.

POWER HOUSE—2 story and base, reinforced concrete, \$60,000. Seattle, Wash. Architects, Carl F. Gould and Charles Rebb, associated with Cavanaugh & Young, United States Engineers, Burke Bldg., Seattle. Owners, United States Government. The building will be erected at the Narrows on the Lake Washington Canal, and will cover an area of 47 by 67 feet. Construction will be fireproof. Interior will be finished in marble and cement plaster with cork floors. Plans provide for a heating and ventilating system. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

Contracts Awarded.

FRUIT STORAGE WAREHOUSE—6 story and base, reinforced concrete, \$129,300. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Contractors, Butler Contracting Co., Central Bldg., Seattle. Contract price, \$129,300. Note: This contract price does not include the machinery and other equipment, which has been estimated to cost \$150,000, and which will be let under separate contract.

COURT HOUSE ADDITION—2 story and base. Class A construction, \$56,000. New Westminster, B. C. Architects, Gardiner & Mercer, New Westminster, B. C. Owners, Provincial Government. Contractors, Dominion Construction Co., Northwest Trust Bldg., Vancouver. Contract price, \$56,000. Note: Subfigures are now being taken. The contract does not include interior hardwood fixtures, elevator work or lighting fixtures. Bids will shortly be called for on these parts of the work.

CONDITIONS ON VANCOUVER ISLAND

[Consul Abraham E. Smith, Victoria, Canada.]

At the outbreak of the present European war Vancouver Island was passing through a business depression due to the collapse of a real estate boom. The declaration of war, therefore, came at a time when this community was poorly prepared to meet this added reverse.

During 1913, on account of the number of unemployed, the Dominion Government passed an act forbidding all laborers and artisans of all nationalities entrance into Canada. This order went into effect December last. The act was therefore instrumental in keeping the number of unemployed to smaller proportions.

Effect of War on Industrial Conditions.

The declaration of war, however, has caused practically all the industries employing large numbers of men either to close down completely or reduce expenses by dismissing employees. Large numbers of men on municipal work have been laid off, and these conditions are true concerning the coal mines, logging camps, sawmills, building trades, etc.

The conditions described have brought about an exodus of people of all classes, but mostly industrial workers, to the United States. It is estimated that about 2,000 persons have left Vancouver Island for the American side since the war broke out.

The Government has promised leniency in the payment of taxes,

royalties and revenues where the inability to meet obligations was bona fide.

There is no occasion for piteous conclusions. The banks are helping out to the extent of their ability, but there is a tendency to safeguard their funds. In some instances work is divided by the employers so that part-time work may be given the employees.

Demand for American Articles.

Some Articles which originate in Europe and the export of which is now prevented by the war follow: From Germany and Austria, machinery, structural iron and steel, electrical supplies, tools and other hardware, cutlery, barbed wire, wire netting, color prints, earthenware; from Switzerland and from Belgium, window and table glass and enameled ware.

Germany is a large importer of copper and this district produces large quantities of this ore, much of which is used in Germany. The export of copper is now prevented to the war zone in Europe.

Building Operations—Railroad Construction.

There was a large decrease in the amount of building and construction work during the fiscal year ended March 31, 1914, compared with the preceding year. A fair amount of new work is at present under construction, among which are the Ogden Point Breakwater to be completed at the end of 1915, at a cost of \$1,000,000; ocean docks, time limit bridge at Johnson street, Victoria, to cost \$300,000; dry dock at Esquimalt to cost \$4,000,000; Jubilee Hospital, Victoria, to cost \$450,000; Hudson Bay Department Store, Victoria, to cost \$400,000; and drill hall, Victoria, to cost \$250,000.

A large amount of money was expended by the Esquimalt & Nanaimo Railroad during 1913 in improvements. There is much work to be done by this road during the present year in replacing wooden bridges with steel and concrete structures, renewal of steel rails, ballasting of line extension of sidings, roundhouses, machine shops, and the establishing of an up-to-date terminal in Victoria. The Parksville and Courtenay branch of the Esquimalt & Nanaimo Railway was expected to be finished by the end of July, 1914, giving rail connection with Victoria.

Work is progressing satisfactorily on the construction of the Canadian Northern Pacific Railway, which will practically double the railroad mileage on Vancouver Island when it is completed.

Service is given to Victoria by the Great Northern and Northern Pacific Railroads over the Victoria and Sidney Railroad, a subsidiary line of the Great Northern. A thrice-daily passenger service is given with a gasoline motor-driven coach and freight service by steam.

The British Columbia Electric Railway has been operating the new Saanich Interurban branch since June, 1913. The mileage is 24.19, and standard cars are used. This company operates 40.26 miles in the city of Victoria. It has in course of construction at Jordan River a hydroelectric power plant of 2 units, which is expected to be available to the extent of 25,000 horsepower in October of this year. The company has an auxiliary

steam plant of 6,000 horsepower at Brentwood Bay and an additional water power plant of 2,000 horsepower at Goldstream.

PACIFIC-COAST MOTOR HIGHWAY.

[Consul General R. E. Mansfield, Vancouver, British Columbia, Canada.]

In addition to the great Canadian automobile highway now in course of construction from the Atlantic to the Pacific, of which was reported in Daily Consular and Trade Reports for June 2, 1914) Vancouver is the western terminus, the Pacific-coast highway extending from San Diego to Alaska via Vancouver is being linked up, and by the end of 1915 motorists will be able to make the trip from southern California to British Columbia over a hard-surfaced road. The route will include the principal cities on the coast and will afford one of the most attractive motor trips on the continent.

There has been great activity in road building in California, Oregon, and Washington, and several thousand miles of fine roads have been added to the highways in those States in recent years. This activity has been encouraged and is largely due to the increasing interest in motoring and the great number of automobiles in use on the coast. Various sections of the Pacific-coast highway have been linked up in the State mentioned, and it is now possible to make the trip by motor for most of the distance from San Diego to Seattle.

British Columbia Section.

Approximately \$7,000,000 was spent on road building in British Columbia in 1913, and every settled section of the Province is being provided with good roads. As practically all the original transportation routes in this district were from east to west, special attention is now being given to the building of north and south lines of both highways and railroads. The purpose is to open up lines of coastwise communication connecting the main arteries of traffic extending from the eastern and central Provinces to the Pacific Coast. This is especially true of motor roads and at the present rate of progress in construction British Columbia will soon be provided with highways suitable for motor traffic from the border of the United States to Yukon Territory.

That portion of the British Columbia section of the Pacific highway from Vancouver to Blaine, Wash., was recently definitely marked, and other divisions in the Province are being connected. A great many British Columbia residents go to California each year, a considerable number of them sending their motors by boat or train. For several years various sections of good motor roads along the coast have been in use, but only within the last few years has there been a concerted effort to connect the completed divisions, making one continuous highway through the Pacific Coast States and British Columbia.

Yukon Highways.

The plan of the Pacific Coast Highway Commission, which initiated and has been the moving factor in the construction of a motor trail along the Pacific Coast, is ultimately to include Yukon Territory and Alaska in the route. Great progress has been made this year in road-building in Yukon,

among the most important stretches of which is the overland road between Dawson and Whitehorse, on which grades are being reduced, sharp curves eliminated, and fills and surfacing added. One of the most important improvements on the road near Dawson is the straightening of the highway on the east side of the Ogilvie River, where the road was destroyed by dredges last year. The old roadway followed a tortuous course which made travel dangerous, especially automobile traffic, because of the steep grades and curves. The plan of the Yukon Territorial government is to improve the existing highways and construct new roads, establishing a system connecting with routes through British Columbia and the new roads being built in Alaska, extending the automobile route from the semi-tropical regions of the coast to the land of the midnight sun.

Alaskan Division.

The engineers detailed by the Alaskan Road Commission to survey the proposed Government highway from Skagway to the summit of the White Pass have completed the work and are now preparing maps and data for the route. The road is to connect at the international boundary line at the summit of the pass with the Canadian system of roads reaching to the Atlin section, and to Yukon as far north as Dawson. The road from Skagway to the summit will have a grade averaging less than 5 per cent and at no place will it exceed 8 per cent.

According to the new survey the route follows for the greater part of the distance the old '97 trail, leaving out that section of the road leading to Black Lake, but continuing on the west side of the Skagway River to Rocky Point, avoiding the long, steep grade to Black Lake. The route passes through historic Liarsville, a former lively station on the '97 trail, from where it approaches a sheer wall of granite, which will require trestle work or extensive cribbing for a long distance. At Mile No. 7, of the White Pass & Yukon Railway, the great scenic beauty of the road becomes apparent, and the route continues to increase in attractiveness as it winds up through the rocky canyon of the Skagway to White Pass City, once an animated municipality living off of the adventurous gold seekers passing to and from the mining regions farther in the interior, but now reduced to a deserted village consisting of a few uninhabited cabins. The scenic aspect of the road continues to grow in interest until the summit of the pass is reached, and the route when completed will present attractions that will make it one of the great popular thoroughfares of the Northwest for summer tourists and motorists.

With the completion of this route motorists living in any section of the coast country will be able to make the journey from southern California to Alaska with such side trips as they may desire to include. The popularity of the Pacific coast highway is assured as it passes through a country possessing special scenic attractions, and in which, most of the way, during the greater portion of the year, good weather and favorable conditions are assured.

The great continental and coast highways will make Vancouver the objective point for motorists from the

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East and South and will increase the interest in motoring in British Columbia. It will also greatly increase the demand for touring cars and furnish a market for American-made automobiles.

There are registered in British Columbia 7,350 cars, which is a greater number in proportion to the population than in any Province in the Dominion.

CONSTRUCTION WORK ABROAD.

CANADA.

(Consul Samuel C. Reat, Calgary, Alberta, Sept. 17.)

New Cordage Factory.

Construction work will be commenced this fall on a factory and office building in Manchester, a suburb of Calgary, for the Western Canada Cordage Co., (Ltd.). The building will cost about \$150,000, and will be 400 feet long by 120 feet wide. The contract has not yet been let, but tenders are requested.

City borrows Sinking Fund for Improvements

Improvements in the city of Lethbridge will not be discontinued because of the financial depression. Borrowing its own sinking fund of \$100,000, the construction work will be carried forward as contemplated in the by-laws passed last spring. The work includes the completion of high-pressure water system, new intake, and the laying of storm sewers. The city of Lethbridge has no payments on debentures to meet until 1917, and bonds will be sold, when the financial stringency is over, to replace the sinking fund.

CHINA.

(Consul Julian H. Arnold, Chefoo, July 17.)

The Chefoo Breakwater.

The Chefoo consular body has submitted the plans and specifications for the proposed breakwater for Chefoo Harbor to the diplomatic body, Peking, for its approval, with a request that the present constituted Chefoo Harbor Improvement Commission be authorized to let contracts for construction. No reply has as yet been received from Peking.

For financing the work the local Chinese Superintendent of Customs, who is ex officio chairman of the harbor commission, has recently been authorized by the Ministry of Finance, Peking, to negotiate for a loan of 2,500,000 taels (\$1,800,000 U. S. currency) to cover the cost of the work, under a guarantee of the Ministry of Finance. The Russo-Asiatic Bank, the Deutsch-Asiatische Bank, and the Hongkong-Shanghai Bank, the two



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last mentioned working together, are at present bidding for the loan.

[The consul forwarded a set of plans and specifications for the breakwater, which may be seen on application to the Bureau of Foreign and Domestic Commerce, Washington. Detailed information concerning the enterprise was presented in Daily Consular and Trade Reports for November 12, 1913, and February 20, and April 6, 1914.]

Railway Construction in Shantung.

[Editorial Note: In view of war conditions the building of this railway will naturally be delayed. However, the advantages of such a line are apparent, and it is probable that some arrangement will be made for its construction after peace shall have been declared.]

An agreement between the Chinese Government and Germany has been signed whereby the latter will furnish money, materials, and engineers for constructing a railway to connect with the German-owned Shantung Railway at Kaomi (50 miles west of the port of Tsingtau) and running south and west join the Tientsin-Pukow Railway at Hsuehchowfu on the border between Shantung and Kiangsu Provinces, a total distance of approximately 220 miles.

The same agreement provides for another railway connecting Tsinanfu, the present terminal of the Shantung Railway, with some point on the Peking-Hankow Railroad, to be determined after a thorough survey by the German engineers, but probably Changtehfu, nearly due west of Tsinanfu. This second line will be about 160 miles long and will connect Tsingtau, the German port, with the heart of north central China and eventually with northwest China. According to the terms of the agreement, if China should desire to extend the line farther inland by using foreign capital and foreign engineers, Germany must first be consulted.

In both of the lines mentioned, the German syndicate making the loan will furnish chief engineers, chief accountants, and traffic managers; in other respect, however, they are to remain under the control of the Chinese Government. The agreement is reported also to provide that Germany shall establish at Tsingtau an engineering school to which China promises to send 10 students each year. In other particulars the agreement is reported to be quite similar to that under which the northern section of the Tientsin-Pukow Railway was constructed.

A Fertile Region.

A glance at the map will reveal the fact that with these two railways, now about to be constructed, Germany

succeeds in securing for the port of Tsingtau a position of commercial importance which will well justify the enormous expenditures which she has made at that port in harbor and other public improvements. The line from Tsingtau to Hsuehchowfu, via Kapnli, will tap a section of the country rich in coal, iron, lead, and antimony, as well as a very fertile agricultural region. It will be the cause of joining Tsingtau with the Grand Canal and insure for her much trade from this source. The line from Tsinanfu, capital of Shantung Province, a city with a population of nearly 400,000, to the Peking-Hankow Railroad, about 160 miles west, will pass through a densely populated agricultural section and eventually lead to the rich coal mines of Shansi Province.

Vast Development Plans.

When it is considered that Shantung Province, with an area equivalent to that of Wisconsin, claims a population of 30,000,000, one can readily appreciate the importance of these railway projects to this section of the nation. Naturally German manufacturers and exporters will be in a position to reap the greatest rewards from these developments. But this should not be interpreted to mean that American manufacturers need not expect to profit thereby, for there are certain products which American manufacturers will be able to supply.

In the construction of the two railways above outlined, work upon which will begin in the near future, certain American appliances will find a market.

SIAM.

[Vice Consul General Carl H. Hansen, Bangkok, August 5.]

General Construction Work.

The Siamese budget for the fiscal year 1914-15 provides for the following construction work: A grant of \$18,500 for an office for the Fine Arts Department, and \$44,400 for the construction of a mausoleum for the statues of the Kings of the present dynasty. For the completion of the new audience hall, the construction of which was begun several years ago, \$311,540 has been provided this year and \$114,500 will be allotted in the budget for 1915-16. These allotments are to be met out of ordinary revenue of the Kingdom.

Railway Construction.

In the budget of Siam for the 12 months of the fiscal year beginning with March 31, 1914, the following allotments have been made: For the main line of the Southern Railway, which is now under construction, \$7,299,326 is allowed, and \$157,130 for the branch lines. For the extension of the

Northern Railways \$1,443,000 has been appropriated. These estimates are to be met from loan funds chargeable to the national debt.

DEPARTMENT OF THE INTERIOR. Bureau of Mines.

New Publications. (List 32.—Oct., 1914)

BULLETIN.

Bulletin 83. The humidity of mine air, with especial reference to coal mines in Illinois, by R. V. Williams. 1914. 66 pp., 7 figs.

TECHNICAL PAPERS.

Technical Paper 65. A study of the oxidation of coal, by H. C. Porter and O. C. Ralston. 1914. 30 pp., 12 figs.

Technical Paper 84. Production of explosives in the United States during the calendar year 1913, by A. H. Fay. 1914. 13 pp.

Technical Paper 93. Quarry accidents in the United States during the calendar year 1913, compiled by A. H. Fay. 1914. 66 pp.

MINERS' CIRCULARS.

Miners' Circular 16. Hints on coal-mine ventilation, by J. J. Rutledge. 1911. 22 pp.

Miners' Circular 19. The prevention of accidents from explosives in metal mines, by Edwin Higgins. 1914. 16 pp., 11 figs.

NOTE:—Only a limited supply of these publications is available for free distribution, and applicants are asked to co-operate in insuring an equitable distribution by selecting publications that are of especial interest. Requests for all papers can not be granted without satisfactory reason. Publications should be ordered by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

CONCRETE MIXING BY HAND.

In the actual mixing of concrete the man in charge will be governed by local conditions, says a writer in the "Building Age." It is not possible to consider all phases of this part of the work, so a typical case is taken. With the mixing board set up level in its proper place, and arrangement made for the water supply, either through a hose connected direct or in a barrel large enough to hold more than sufficient for one batch, we are ready for work.

Wherever possible one man should be told off to handle the cement and water and tamp the concrete in forms. It is his business to keep track of how many barrows of gravel have been dumped and to open and distribute the correct amount of cement over them. Opening and emptying cement is the meanest part of the concrete work, and if you can find a man who will always shake out of the sack all the cement, and who thinks because he does not have to do any mixing that he has something of a "soft job," so much the better.

First dump on the board three barrows of gravel. Upon this cement man who has his sacks all opened to prevent delay dumps one sack of cement, and with a shovel rakes it evenly over the gravel. Next come three more barrows of gravel and another sack of cement in the same way, and this operation is continued until there is enough for a batch. As the board be-

comes full of material the cement man keeps his eye on it and indicates where the gravel is to be dumped. When the material is placed in this manner it is already as well mixed as in the old way after the first turning.

Four men with shovels now take their places, one at each corner of the board, and turn the material out to the sides, leaving it in two piles instead of one.

In turning the material the men do not shovel in the ordinary way. Instead of running the shovel directly into the heap and taking a shovelful from one point, they run the shovel along the edge of the heap in such a manner that the shovel is full by the time it reaches the center or the point where it would meet the opposite workman's shovel if both were keeping the same time. The shovel is then turned over and drawn backward, leaving the material scattered along the side of the board. Perhaps the best description of this method of shoveling would be to say that it acts in the same manner as a farmer's plough, only instead of turning the furrow as it goes along, it picks it up going forward and turns it over as it comes back.

For the first few shovelfuls the shovel is barely raised from the board. As the heap gets larger it is raised just enough to keep the material back out of the way, and the two piles separate. The less the shovel is lifted and the less the distance between the piles the less amount of energy required to turn the material and the less chance for the wind to blow all the cement out of it. As soon as all the material is turned out into two piles at the sides of the board it is turned back to the center in the same way, leaving it in a heap as it was at first, but with the sand, gravel and cement now thoroughly mixed.

This is all the dry mixing the batch receives. It should now be so thoroughly mixed that it is all one color, and although we are aware that some authorities require the material to be turned three or more times dry, any further mixing than that already described is either a waste of time or the men doing the mixing are not getting proper supervision.

To wet the mixture two men should stand on each side of the heap as before and level a portion of it on the board to a depth of 3 inches or 4 inches. This is now thoroughly wetted with a hose for preference, though a bucket does almost as well. As soon as soon as the amount leveled down on one side is wet, the men on that side shovel it out of the way to the side of the board, using some judgment in mixing the wet with the dry, but being careful to prevent any of the water running away, as it now contains a large percentage of the cement. To prevent this where the board is not quite level, the man on the lower side keeps a line of dry material as a dam just in front of his feet.

While the two men are turning over the wet material and raking down another layer from the heap the water is turned to the other side, and so alternates from one side to the other until the batch has all been wet and all four shovels meet in the center of the board. The material is now turned back to the center again—the

man with the water watching and wetting any portions that need it—and it is then ready for the forms.

This is our usual method, but circumstances alter cases, and variations of the method are sometimes used. Quite often, instead of four men turning the last time, only two turn, depositing the material near one end of the board, from whence the other two shovel it directly into the form. It all depends upon conditions which are hard to describe, but readily discernible to the man on the job.

The number of men that can be economically handled also depends upon conditions. As many as eight can be kept busy with one mixing board in certain cases, but with more men than this, if there is much to be mixed, it is often better to set up another board.

Use long-handled, round-pointed shovels for mixing. Other kinds have been tried, and many new men have started work with the statement that they prefer the square point short handle, yet, whenever the short shovel has been provided, it has always been discarded for the long-handled tool after a few hours' work.

Long-handled, square-pointed shovels have also been tried, but the round point will pick up all the ordinary man can handle if he is going to work all day, though it is advisable to keep a square point handy for cleaning the last of the batch off the board.

Some little care is required in putting the mixture into the forms to ensure a compact wall and smooth finish. One man watches this part of the work, and if necessary directs where the material is to be placed. He has a spade or a worn shovel, the blade of which has been flattened. With it he rams the mixture and keeps the larger stones from collecting on the face of the wall and forming what is known as "honeycomb."

Where the mixture is coarse and the thin, it is often difficult to make a smooth finish. In these cases the men placing the concrete should be directed to so turn their shovels that the backs of them come next to the face of the wall, because in a shovelful of mixed concrete most of the "fine stuff" is next the shovel blade.

Another case of honeycomb comes filling the form too high at one point and allowing the mixture to roll down the form. This does no harm if watched, but often the man doing the tamping overlooks this matter because he has already spaded the portion affected by the movement of the concrete.

One phase of concrete work that has often received attention is the matter of having new work stick to old. It has even gone so far as patented preparations for applying to the surface of the old work to make the adhesion of the new work positive. The writer has never had any difficulty in joining new work to old, and has never had to use anything out the material at hand.

First, the surface of the old work should be roughened, and, if possible, made irregular in outline. Much of the trouble is caused by the joint between the old and the new surfaces being in a straight line. This forms a weak spot in the wall, not because the concrete does not stick there as well as anywhere else, but because it provides for a continuous line

of cleavage in one direction. Every stonemason and quarryman knows that solid rock will split easier "with" the grain than in any other direction, and these straight lines of junction form what one may term "grain" in the concrete.

After the surface has been roughened it should be swept clean of all loose particles. Water from a hose can be used for this cleaning process, but the very best thing of all, if it can be obtained, is air under pressure. The water sometimes washes mud into the crevices of the work, and nothing is worse for a joint between two concrete surfaces than a thin film of mud.

After wall is cleaned off, wet it carefully and thoroughly and then mix a small batch of sand and cement mortar in the proportion of two of sand to one of cement. Trowel this mortar over the surface of the old concrete to a depth of $\frac{1}{4}$ inch, and while soft deposit the new concrete on top of it.

The argument for this is that one can take two bricks, two pieces of rock or two cement blocks, and stick them so thoroughly together with a sand and cement mortar that they may be broken to pieces before the joint will give way. In practice this statement applies to old and new concrete, and this method of joining has been found to be satisfactory and reliable under all conditions.

One of the principal arguments used by the Chronicle and the reactionaries against Governor Johnson is that he was out of the State in his campaign for Vice-President when he ought to have been at home earning his ten thousand a year. To read their argument one would think that the State was hiring a clerk and expected to get personal service for the money paid. And that is just about what the former governors amounted to. Only the Southern Pacific and the political bosses gave them the job and the governor was supposed to attend to it.

The Reactionaries have one positive position that they stand for—that is prosperity. That is a grand old term and includes everything. As it is they are against everything that has been done in the last four years and at the same time they claim all the credit for everything good that has happened. It is a strange situation and is so full of contradictions that the whole thing settles down to "anything to beat Johnson."

THE PICTURES.

Numerous pictures of war scenes have been enormously appealing. One printed in this week's Collier's is ineffaceable from memory. It is the picture of watchers of the bulletins in a Hungarian city. The two elderly peasant women of the foreground present an unforgettable realism of grief-stricken motherhood and wifehood. In the name of God that sorrow is indicted. In the name of God, one echoes, can such things long continue? Lately it has been stated that moving picture films of battle scenes must not be thrown on the screen. They are too horrible. But, oh, let them be thrown on the screen. Are we always to have the false glamour of glory over war? Are we always to see only its vain trappings of times of peace?

The false veil must be torn away before the terrible face of war can be

seen, and, being seen, can be crushed by the strong fist of humanity.

While the building record for September shows an average decrease of about one-third as compared to the normal the chances are that October will show an even more marked decrease on account of the war. While it is impossible to prophesy what may happen in the near future the chances are that the building industry will get its second wind before long. Things will tend to adjust themselves to the unstable condition and the start of the new currency system will no doubt make money somewhat easier to get. In any event so long as this country remains neutral there will in time be a demand for our products even though the main business of Europe at the present time is the destruction of life and property.

Judging from reports General Von Kluck's left wing must be about as close as that of a boarding house chicken.

STREET WORK ORDERED BY THE SUPERVISORS.

Bids to be Soon Called For on More Street Improvements.

Bills have been passed by the Supervisors ordering the performance of the following street work to be done in the city and county, approving and adopting specifications therefor and authorizing the Board of Public Works to enter into contracts for doing the same. The street work ordered is as follows:

Improvement of 13th avenue, between Balboa and Cabildo; improvement of 40th avenue, between Balboa and Cabildo; improvement of Fremont street from Brannan to the Embarcadero; improvement of 38th avenue, between Anza and Balboa, and improvement of 35th avenue, between Anza and Balboa.

INVENTS POCKET WIRELESS.

A dispatch to the London Times from Rome says that it is reported from Aquila that a priest named Domenico Argentieri has invented a system for receiving wireless messages whereby communications may be received even in closed rooms. No poles or batteries are needed. The apparatus is of the simplest description and can be carried in one's pocket.

EXPORT OF CANADIAN LOGS TO UNITED STATES.

[Consul General R. E. Mansfield, Vancouver, British Columbia, Sept. 22.]

Since the tax on timber cut from Crown lands in British Columbia was reduced by the provincial government recently [see Daily Consular and Trade Reports for October 1, 1911] there has been considerable movement of logs to the United States. It is estimated that the exports during the first week after the embargo was partially raised amounted to 1,000,000 feet per day. Most of the logs exported are cedar, but the shipments include some fir. Royalties and export duties imposed upon timber cut on Crown lands are at the rate of \$2 per 1,000 for No. 1 cedar, \$1.50 per 1,000 for No. 2 cedar,

\$1 per 1,000 for No. 3 cedar, \$1 per 1,000 for Nos. 1 and 2 fir, and 50 cents per 1,000 for No. 3 fir.

CARELESSNESS CAUSE OF FIRE.

More than 50 per cent of all fires are caused by simple carelessness which is unnecessary and criminal. Repairs to dilapidated buildings, the removal of all fire-breeding material, care in burning weeds and rubbish, the placing of engines at a safe distance from buildings, the removal of oily waste, proper ventilation—in brief, plain common sense, will minimize the danger from this class of fires.

MORE FIRE PROTECTION WANTED.

San Miguel City, Lake View Tract and Columbia Heights Need Better Protection to Guard Fire Hazard.

The Chief Engineer of the Fire Department. In a report submitted to the Board of Fire Commissioners, states that the section of the city known as San Miguel City, Lake View Tract and Columbia Heights, which is rapidly building up as a residential district, is lacking owing to the insufficiency of the water supply. The Board of Fire Commissioners has recommended that six cisterns be constructed in these districts.

California yew which grows on the national forests of that state is finding some use in present-day archery practice. Its qualities closely resemble those of the old-world yew which made the English long-bow famous in mediæval times.

Outside of the construction of the State Highway a considerable amount of money is being spent by the State in the construction of State buildings. Work now under supervision of the State Engineering Department amounts close to a half million dollars.

Of the money now being spent, the largest amount is being used for the Agnew State Hospital.

A cottage to house female working patients will cost, when completed, \$50,000, and will accommodate sixty-two persons; while the Nurses' Home for Women will cost \$50,000. Both of these buildings are expected to be completed the early part of next year.

Other buildings are being erected as follows:

At the Stockton State Hospital, a new ward building, \$55,000; dairy buildings and milking barn, \$20,000.

At the State Hospital at Napa, a recreation hall, \$15,000; dairy buildings, \$30,000; laundry building, \$25,000; additional cottages for dormitory purposes, between \$25,000 and \$30,000.

At the Southern California State Hospital at Patton, laundry building, \$20,000.

At the Sonoma State Home, nursery building for boys, \$20,000.

At the State School for Boys at Whittier, receiving and hospital building, \$25,000; assembly hall and gymnasium, including open air swimming pool, also bowling alleys, \$18,000; and a trades building, \$12,000.

At the California School for Deaf and Blind, Berkeley, a building to contain a gymnasium and swimming pool, \$50,000.

At the Industrial Home for Adult

Plind, Oakland, dormitory building, \$50,000.

In addition to the structures being erected, others are contemplated, the most important of which is the California School for girls at Ventura, which will cost in the neighborhood of \$150,000.

With all the hue and cry about the extravagant commissions and the conditions of unemployment in the State, the State itself is being run on a business basis, contracts are being let in the open and the State is getting value received.

The cartoonist in the Bulletin depicts a poor man in depths of despair on the verge of suicide because of unemployment when a newsboy comes along with an extra which has big headlines that the war is costing \$5 millions a day and nobody knows what it is all about. And so far as the unemployment is concerned it is true even in this country. And when one thinks what it will be in other countries as the war now is only two months old the horrors of war can only be imagined.

A military nation seems to be essentially barbarous. A standard of morals always exists that is little above the cave man for a war of conquest is nothing less than murder and highway robbery. When the rule of the soldier is political liberty can not be or if it is to only a limited aristocracy. And the militarism that now has the world in its grip is turning back the dial of progress and unless those peoples who have established political freedom through a long succession of years succeed in wresting the weapon from its hand God only knows where the struggle will end or whether it will have to be begun all over again.

At any event posterity will be saddled with an inconceivable debt. The wealth of the world will be decimated. The best blood and brains of the world is being daily poured out on the altar of war and all for the reason of this military spirit that has been fostered and developed for generations.

TRADE EXTENSION IN NEW ZEALAND.

[Consul General J. I. Brittain, Auckland, September 8.]

The present is an opportune time for American manufacturers and exporters to make a determined effort to obtain trade in New Zealand. The general impression here is that the United States has excellent prospects for export trade in Australasia.

The Union Steamship Co. has a monthly service between San Francisco and Wellington, New Zealand, about 450 miles south of Auckland. Although Wellington is the capital of New Zealand, Auckland with almost double its population is and will remain the great commercial and shipping center. It has one of the finest harbors on the Pacific, and is completing a system of concrete docks, with the most modern system of cranes for loading and discharging cargoes. Alongside these docks there is at all times 40 feet of water, thus enabling boats of any draft to dock.

The people of Auckland are very friendly toward Americans and are enterprising and wide-awake to com-

mercial opportunities. With better steamship facilities between New Zealand ports and the United States and a corresponding effort by American salesmen, this country's purchase of American goods would increase at least 50 per cent.

The leading articles that have been coming from other sources, now cut off from New Zealand, are bicycles, motor vehicles, and materials for motor vehicles, draperies, drugs and chemicals, bottles and other glassware, hardware, musical instruments, machinery, clover seed, fancy goods, toys and dolls, wire fencing, stationery, wines, and porcelain.

LOCAL FIRM GETS GOVERNMENT CONTRACT.

Petaluma Foundry of Petaluma Will Be Awarded Contract For Making Shells.

PETALUMA, Sonoma Co., Cal.—According to latest reports received here the Petaluma Foundry has been awarded the contract to furnish shells for the war ships at Mare Island on their bid of \$12,000. H. T. Edwards is manager of the company.

CALIFORNIA FIRST IN PRODUCTION OF GOLD.

WASHINGTON, October 15, 1914—Gold production in the United States in 1913 amounted to 4,299,784 fine ounces valued at \$88,884,400, according to statistics compiled by the Geological Survey and the Mint Bureau. The silver production amounted to 66,801,500 fine ounces, valued at \$40,348,100. The gold production was \$4,500,000 less than in 1912, and silver nearly 3,500,000 ounces less for the same period.

California was first in gold production, with 979,174 ounces; Colorado, second, with 876,057 ounces, and Alaska third, with 735,361 ounces. Nevada led in silver production, with 15,657,400 ounces; Montana was second, with 12,540,000 ounces, and Utah third, with 11,282,300.

It requires some 17,000 clerks to man the 3,400 railroad post offices in the United States.

NEVADA TO BUILD HOME FOR INDIANS.

RENO, Nevada, Oct. 19.—Advertisements are being published for bids for a frame hospital for Indians at Carson City. The plans are to be submitted to Superintendent J. B. Mortsof of the school. Special Agent Ashbury says that the Carson City hospital was recommended by Dr. Murphy of the health department of Riverside, Cal. It is provided for by a \$100,000 fund from which hospitals for tuberculosis among Indians are to be built. The site of the hospital has not been chosen, but it will probably be on the west side of the school.

TELESCOPES AND FOREST FIRES.

Forest officers have found that high power telescopes are not always satisfactory in fire lookout work. In some localities heat vibrations in the atmosphere are so magnified by the glass that clearer vision can be had with the unaided eyes.

FAST ELECTRIC TRAINS TO Sacramento

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Leave	Daily except as noted.
7:00A	Sacramento, Pittsburg, Bay Point
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only.
	Carries Parlor Observation Car
9:40A	Concord, Diablo and Way Stations, Sunday only.
11:00A	Sacramento, Pittsburg, Bay Point
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg, Bay Point
1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Oroville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg and Way

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There are forty-eight propositions on the ballot to be voted on this fall. The Prohibition Amendment, the referendum on the Blue Sky Law and the Red Light Abatement Act, and the Initiative proposition for the universal eight hour law are four out of the number.

This long array of propositions will necessitate a study of the ballot by every voter. And unless the voter has unusual opportunities of investigation the chances are that he will vote against those that he knows nothing about.

The opportunity for direct legislation always gives an opportunity for reformers to get busy and the result is usually a great lot of proposed reforms. These may be overdone on the outset, but at least the people begin to think and that is the first requisite of free government.

The average rate of State Insurance of employers under the Workmen's Compensation Act in California does not exceed one per cent. While it is higher in the building trades than in some other occupations it is not such a burden that its benefits do not far outweigh its costs. The long litigation of damage cases is at an end. The costly expense of court procedure is disposed with and the merits of cases are decided by a commission sitting as a court that is trained in the class of cases that it adjusts and is untrammelled by the technicalities of the law.

The meanest thing about all the fabrications daily circulated against Hiram W. Johnson is that when they are shown to be lies and known to be lies by the newspaper manufacturers thereof, not one of them ever has had the manhood or the decency to retract—not one of them has had the manhood or the decency even to permit the side lied about to have a statement printed in its columns refuting any such falsehoods.—Sacramento Bee.

An attachment by which any camera can be used to enlarge negatives has been patented.

AUSTRALIAN TRADE NOTES.

[Press excerpts from Consul General John P. Bray, Sydney.]

Dock Extension.

A contract has been let for the extension of Woolwick Dock, Sydney, in order that two vessels of 7,000 tons may be docked at one time.

Pumping Engines—Bucket Dredge.

Pumping engines at the Parramatta sewerage works are being successfully run by sewer-gas power. The new power is more effective than coal gas, and is considerably less expensive.

A steel bucket dredge, to be used by the Commonwealth Naval Branch of the Defence Department in the work of developing naval bases, was launched from Pools & Steel's yards at Balmain. The dredge, which has a dredging capacity of 900 tons per hour, is fitted with 31 steel buckets, and measures 151 feet over all. It is 3 1/2 feet in breadth, 12 feet in depth, and when in working order will have a displacement of 750 tons.

NEW LIBRARY OF CATALOGUES FOR CANAL ZONE.

[Consul General Alban G. Snyder, Panama City.]

The Panama Canal Government is to establish a reference library in the new administration building at Balboa, Canal Zone, containing books and catalogues of use to employees in their work.

In addition to books of general engineering interest and American and foreign technical magazines, a collection is to be made of catalogues from manufacturers and distributors of goods used in the canal work. Manufacturers and distributors who think there may be use for their goods, are requested to send catalogues in duplicate to the Panama Canal Library, Balboa Heights, Canal Zone.

PILEMEN NEEDED ON STATE HARBOR COMMISSION.

The California State Civil Service Commission announces that applications for employment as Pilemen in connection with the State Board of Harbor Commissioners in San Francisco will be received at the office of the Commission, State Capitol, Sacramento. Harbin consulate reports market there for electrical, dental, medical, ramento, on or before October 31, 1914. The salary is \$5.00 per day. There are now several vacancies to be filled.

Further information and application blanks may be secured from the State Civil Service Commission, State Capitol, Sacramento. Applications must be properly executed and filed with the Commission on or before October 31, in order to be considered for this examination.

SPECIAL OPENINGS FOR COMMERCE

[Cablegrams from Consuls.]

Shanghai, China.—The consulate at Antung reports trade controlled through Japan and Shanghai; there is possible increase for sale of piece goods, flour; market desired for wild and photographic supplies, paper, shoes, drugs, bags, tin, galvanized iron. Newchwang consulate reports possible markets are practically same

as Shanghai, adding goat and horse hair and dog mats to exports.

MERCHANDISE NEEDED IN PANAMA

[Consul Wm. H. Gale, Colon, Sept. 14.]

The Canal Record, issued by the Panama Canal authorities, makes a statement concerning the effects of the European war on the prices of commodities.

The statement in part reads:

The supply of glassware and china from Europe will be shut off, and there will be some difficulty in obtaining shipments from England. The commissary has on hand a large supply of glassware, and a fair supply of ordinary kitchen and tableware. Arrangements are being made to replace the aluminum cooking utensils, formerly purchased abroad, with stock from the United States.

The conditions in the commissary, as described in the Canal Record, reflect to a large extent the conditions in the general market in this district. Hence the articles mentioned above will also be in larger demand in the Republic of Panama. In this connection a list of the principal dealers in these articles is forwarded (and may be had from the Bureau of Foreign and Domestic Commerce and its branches.) **Sao Francisco branch, 340 United States Customhouse; Seattle, 1207 Alaska Building.**

CHILE WILL PURCHASE VESSELS.

[Telegram from American Minister Henry P. Fletcher, Santiago.]

The Chilean Government intends to purchase several vessels on the west coast, now sailing under other flags, in order that they may be used to move nitrate to the United States and bring back coal and other merchandise. This presents an unusual opportunity for the extension of American trade.

FLUORSPAR DEPOSITS AMPLE.

Cutting Off of European Supply Would Benefit Rather than Hurt American Industries.

There can be no question of the adequacy of the American supply of fluorspar to meet all demands in case the English supply is cut off.

The fluorspar industry of the United States has shown a steady growth from a production of 4,000 short tons in 1884 to 115,580 tons, valued at \$736,286, in 1913. This notable gain has been conditioned largely by the growth of the open-hearth process of steel manufacture, which absorbs about 80 per cent of the fluorspar produced. Fluorspar is used also as a flux in blast furnaces, iron foundries, and silver, copper, and lead smelters; in the manufacture of fluorides of iron and manganese for steel fluxing; in the manufacture of glass, enameled, and sanitary ware and of hydrofluoric acid; in the production of aluminum; in the electrolytic refining of antimony and lead; and for many other purposes.

The increase in the home production and the imposition of a tariff on fluorspar in 1909 have resulted in a marked decrease in the amount brought in from foreign countries, and in 1913 only 22,682 short tons was imported, compared with the 115,580 tons produced at home. The imports came almost entirely from Great Britain and

amount to over 55 per cent of the total English production of this mineral. The English product entering at New York is able to compete with domestic "spar" as far west as Pittsburgh.

In 1913 the American output came from Illinois, Kentucky, New Mexico, Colorado, New Hampshire, and Arizona, named in the order of yield. Furthermore, the foreign spar is of lower grade than the mechanically treated spar from Illinois and Kentucky, and as fluorspar is of value chiefly according to its purity, purchasers find that the purer American spar is more efficient and consequently cheaper in the end.

BURKE ON UNCONTROLLED POWER

Few arguments for popular control of all branches of government are stronger than those contained in Edmund Burke's "The Present Discontents," written in 1770. Burke's arguments, directed then against crown ministers who were not dependent upon public approval and against a House of Commons that dangled like-wise from the crown, read today as if they had been written by Theodore Roosevelt, warning against a lawmaking judiciary independent of public approval.

"The whole of their usurpation," wrote Burke, "is established upon this method of arguing: We do not **make** laws. No; we do not contend for this power. We only **declare** law; and as we are a tribunal both competent and supreme, what we declare to be law becomes law, although it should not have been so before. Thus the circumstance of having no appeal from their jurisdiction is made to imply that they have no rule in the exercise of it—the judgment does not derive its validity from its conformity to the law; but preposterously the law is made to attend on the judgment."

That was written of the House of Commons, the judges of England neither then nor now pretending to the power of controlling legislation. With us that stricture of Burke applies to the judicial department of government, which does assume that power, and which, although it does proclaim a rule for its judgments, finds that rule in its own interpretations, and frequently its changing interpretations, of the constitution. Burke's insistence was that there should be no person in the government who do not depend on the affection or opinion of the people for their political being.

Against an argument equivalent to the one that irresponsible courts are better qualified to pass on the constitution and on public policies than are the people themselves, Burke said: "Until I find something in this argument differing from that on which every mode of despotism has been defended, I shall not be inclined to pay it any great compliment."—Kansas City Star.

Ostriches and alligators are raised in incubators in South Africa.

One factory in Ohio uses 10,000,000 feet of poplar and oak lumber annually, producing 300,000,000 bungs a year

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul General R. E. Mansfield, Vancouver, British Columbia.]

Survey of Peace River & Athabasca Line.

Survey work along the proposed Peace River & Athabasca Railway will be completed this autumn. The route, which includes various waterways, rivers, and lakes, electric and steam roads, aggregating many hundreds of miles, will open up resourceful sections of country, especially in British Columbia.

Electrification of Lengthy Tunnel.

The 5½-mile double-track Canadian Pacific tunnel through the Selkirk Mountains, which will be the longest in the Western Hemisphere, is to be electrified. This tunnel will shorten the main line by 6 miles, will eliminate 5½ miles of snowsheds, reduce the peak of grade 513 feet, and do away with all but 6 miles of 2.2 per cent grade. On its entire system of more than 12,000 miles in Canada it will have but a dozen miles of 2.2 gradient. The latest systems of electrification are to be used in operating the trains through this tunnel.

Grand Trunk Pacific Branch Lines.

When the Canadian Government entered into an agreement with the Grand Trunk Pacific Railway for its construction across the continent, the necessity of branch feeder lines was considered, and in 1906 the subsidiary Grand Trunk Pacific Branch Lines, capital \$50,000,000, was organized to build a total of 7,500 miles of such lines through fertile adjacent country. About 1,200 miles of the subsidiary lines west of Winnipeg have been completed, and arrangements have been made between the various provincial governments and the railways for early construction of many hundreds of miles of additional branch lines, including a north and south road in British Columbia, which will have its terminus at Vancouver, connecting with the main line farther north. The Grand Trunk Pacific has erected along its route several hundred elevators. It also has a chain of hotels and terminals at various points nearing completion.

Pacific Great Eastern.

The Pacific Great Eastern Railway has been completed from Dundarave to Horseshoe, British Columbia, and is running a regular schedule of electric trains from North Vancouver to Horseshoe Bay on Howe Sound. Sufficient steel has been delivered along the route for the completion of 300 miles of road on the Pacific Great Eastern. Active construction work is in progress on the line south of Fort George and north of Clinton, and a considerable portion of the road connecting Vancouver with the main line of the Grand Trunk Pacific at Fort George will be completed.

CHINA.

[Consul Albert W. Pontius, Newchwang, Aug. 11.]

Conservancy of the Liao River.

Although it is likely that little will be done at present in carrying out the Liao River conservancy scheme (described in Daily Consular and Trade Report for April 23, 1914), owing to

the general outbreak of war in Europe, this consulate will report on developments as they occur. The local consuls of foreign countries are now informed that the Foreign, Japanese, and Chinese Chambers of Commerce have elected their representatives, who, in accordance with the agreement, automatically become members of the Conservancy Board. The completion of the executive committee rests with the consular body.

[Vice Consul Crawford M. Bishop, Habin, July 31.]

Municipal Construction Work at Harbin

The Town Council of Harbin proposes to make a long-term loan of \$1,729,500 for carrying out the following undertakings: Construction of waterworks and canals, an electric street car system, electric lighting system for the municipality, construction of a telephone line, construction of a municipal administration building, school building, hospital, veterinary hospital, a fire department, a refrigerating plant, stock yard, public park, and the reconstruction of the summer theatre.

The following are the estimated amounts required: Electric tramway system and electric lighting plant, \$668,750; city telephone, \$125,000; market in the new town, \$95,000; town schools, \$167,000; municipal administration buildings, \$85,500; repairing the river bank, \$15,000; sanitation yard, \$5,000; municipal hospital, \$91,500; veterinary hospital, \$20,000; fire department, premises for, \$48,000; establishment of a new fire department, \$20,000; fire alarms, \$7,500. To this amount must be added: Municipal debts, \$150,000; loss of interest during construction, \$150,000; other constructions, \$50,000.

Taking into consideration the loss by exchange, about \$252,000, or 13 per cent, the amount of the loan required will be \$1,950,000. The town council has received an offer from Gardin, Weg & Co., a banking house, whose proposal is to furnish \$1,520,000 for 50 years, at 5 per cent interest, the issue being at 87½; the entire amount of the loan to be paid at one time, or 87 per cent to be paid in installments covering a period not longer than 18 months. The security for the loan is the guaranty of the Chinese Eastern Railway, to be approved by the Russian Minister of Finance.

ECUADOR.

[Consul General Frederic W. Goding, Guayaquil, Aug. 13.]

Railway and Wharf Construction.

Details are now available of the contract signed between the Ecuadorian Government and Mr. Pablo Gonzenbach (which was mentioned in Daily Consular and Trade Reports for July 17, 1914) for constructing a mole at Manta and for the extension of the Manta-Santa Ana railway to Piján or beyond, via Jipijapa.

The railway is to be 2½-feet gauge; the rails not less than 36 pounds to the yard; the sleepers to be of hard wood, hewn on two sides, and not less than 30 to the rail of 62 feet. The bridges, viaduct, and drains are to be constructed of iron, steel, or masonry, the rolling stock to be approved by the Government and provided with Westinghouse air brakes. Telegraph or telephone lines are to be erected, and

repair shops and water tanks to be provided.

The mole at Manta is to be 1,175 feet in length, constructed of reinforced concrete, covered with 3-inch plan hardwood. A double railway track, steam crane of 3 tons capacity, a metallic building, cables, chains, etc., are to be provided.

The railway extension and mole must be begun within six months, finished within three years from date of contract. The Government guarantees at 6 per cent per annum, with per cent amortization, during 33 years on the principal of \$220,000 (\$1,070,520).

(A complete translated copy of the contract may be seen on application to the Bureau of Foreign and Domestic Commerce, Washington.)

PHILIPPINES.

[J. F. Boomer, correspondent, Manila Cinematograph Theatre—Railway Extension.]

A new modern cinematograph building will shortly be erected in Manila on the site of the old Majestic Theatre which burned some years ago. A construction permit has been granted.

The Manila Railroad Co. has just opened a new branch line between the municipalities of Santa Ana and Arayat, in the Province of Pampanga. The railway runs through a rich agricultural district devoted largely to sugarcane. Heretofore the crops of this region have been transported to market with great difficulty and expense. The new line should greatly enhance the wealth of the Province, as increased production always follows better facilities for marketing in such regions of the Philippines.

Waterworks and Electric Light Plant.

Construction has been started in the municipality of Vigan, in Ilocos Sur, on a new water system and a new electric lighting plant. The waterworks plant is to be the property of the municipality, which is constructing it, while the electric lighting plant is to be privately owned and represents principally Filipino investments. It is expected that both plants will be opened by December.

INCORPORATIONS.

Film Exchange Board of Trade of San Francisco. To advance, and improve the motion picture business. Capital Stock, none. 5 directors. Place of business, San Francisco.

"Vancouver Milling and Grain Company, Ltd." Cert. Copy. Business of millers, manufacturers and warehousemen. Capital Stock, \$100,000; 100 shares at \$100 each; amount subscribed, \$500. Place of business, Vancouver, B. C. 5 directors.

The General Fireproofing Company. Cert. Copy. Amending articles and increasing. Capital Stock, \$1,000,000; 10,000 shares at \$100 each; amount subscribed, \$500,000. Place of business, Youngstown, Ohio. 5 directors.

Paradise Grove Steamship and Amusement Company. To deal in real estate, boats, vessels and steamers. Capital Stock, \$250,000; 250,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. 5 directors. Max Bakar Realty Co. To deal in real estate. Capital Stock, \$25,000; 2500 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—Max Bakar, 1 share; Edward Seaby and R. Bakar, 1 share each.

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Editorial Comment.

The Fresno Republican discusses the big howl of the Chronicle about the expense bill of the present administration. And concerning the itemized bill and the objections thereto as published prints the following editorial:

Board of Control.....	\$182,700
Industrial Accident.....	373,070
Mother's Pension	3,000
Industrial Welfare	30,000
Immigration and Housing.....	50,000
Rural Credits	3,000
Viticultural	15,000
Weights and Measures.....	12,000
Civil Service	50,000
Water Board	50,000
Commissioner of Corporations.....	10,000
San Jose Harbor.....	2,500
Legislative Reference Bureau.....	20,000
Smelter Commission	5,600

Total\$806,270
It will be noticed that nearly all of these commissions are unsalaried and have only minor appropriations for incidental expenses, and that very much the largest of these appropriations is the \$375,000 for the industrial accident commission, most of which is a revolving fund for the state insurance department under the workmen's compensation act, which will not have to be appropriated again, since that department, once established, is more than self-sustaining.

The Chronicle also calls attention to the fact that there is an increase in the appropriations for the support of the following commissions already in existence: State board of education, state board of health, railroad commission, board of equalization, board of forestry, state dairy bureau, bureau of labor statistics, commission of horticulture, state mining bureau, and the state agriculture society.

Most of these increases have been merely proportionate to the growth of the state. The only very large increase are in the railroad commission, which cost \$56,000 in 1909, and \$368,600 in 1913, and the state board of education which cost \$1600, or mere traveling expenses for its then ex-officio members in 1909, and will cost \$64,000 for the new revolutionized educational department of 1913-1914.

The Chronicle merely presents these figures and shrieks. For some time Candidate Fredericks presented the same figures with the same shriek. But up and down the state Governor Johnson challenged Captain Fredericks to say which of these commissions he would, if governor, abolish, or which of them he would restrict in its activities by curtailing its cost. Fredericks wriggled and evaded, and finally surrendered by acknowledging that he would not abolish or curtail any of them. The Republican platform, on

which Captain Fredericks is running, made the same surrender.

Now let the same challenge be addressed to the San Francisco Chronicle. Which of these commissions would the Chronicle abolish or curtail? Would it abolish the board of control, which has saved the state of California at least \$20 for every \$1 it has spent? Would it abolish the industrial accident commission and the workmen's compensation act? Would it in fact abolish any commission on its list of new commissions? And would it rather have the railroad commission of the present time, with its 1913 appropriation of over \$300,000 or the railroad commission of 1909, with its petty \$50,000? For the \$50,000 of the railroad commission of 1909 the state of California received in return a great deal less than nothing; for the railroad commission of 1913, the state of California received a new courage, a new freedom, a new self-respect, and \$6,500,000 a year cash savings. The railroad commission of 1913, then, shows a profit of \$6,320,000 with the spiritual benefit of self-respect and civic freedom thrown in for good measure. The railroad commission of 1909 shows a loss of \$56,000, being the complete appropriation for its support.

Once more, let the Chronicle say to which of these commissions it objects.

It will not. Actually it does object to the most useful and the most important of them, but it does not dare say so. It simply shrieks, assuming that the people are stupid enough to be deceived by the noise.

On October 21st, 1879, Thomas A. Edison produced the first electric light. That was the revolution of artificial lighting. And it brings attention to his marvelous career. Here is a man that has given more to the world than all the kings of Europe combined. A man that has wrested the secrets from nature, harnessed her forces and made them do the work of man, ameliorated human conditions and added to the sum total of human happiness. And for his reward he has the sublime satisfaction that comes from work well done, a grasp of the sublime laws of nature which compared to the strutting pomp of the crowned heads is as the contemplations of a philosopher are to the dance of a cannibal chief in the African jungle.

Edison has had a remarkable career. Not having attended schools he has yet been a student all his life. Being a practical inventor he nevertheless knows his subjects in theory as well as the academician and there is no field of human knowledge with which he is not acquainted. Personally considered he has probably contributed more to human progress than any other living man.

The Generation Of Power.

The Available Sources of Energy in Nature.

By Professor R. P. Clarkson.

Force is that which will do work. It is a push or a pull producing either strain or motion in material or ethereal media. We are most familiar with it in the form of muscular force, yet readily we realize that other forces exist. The force of gravitation which acts between all bodies; magnetic force which draws a nail to the magnet; chemical force, so-called, which attracts and holds atoms of different substances together; the force of the wind; the force of the tides; all these and many others are familiar to us. Back of all force there must be energy. There must be a capacity to do work, an ability to exert force through a distance. It is the vital thing in nature. All the universe is either matter or energy.

In nature energy takes many forms, just as the forces exerted are of multitudinous variety. Usually we recognize it by what it accomplishes, and that which is most readily observed is energy which may be employed directly in doing mechanical work, that is, in exerting a force through a distance. All energy in nature is not thus available. Some is diffuse of useless for the direct purpose of work. Thus we have the principle of the dissipation of energy formulated by Lord Kelvin in 1852, which states that in a system removed from communication with anything outside of itself, the whole amount of energy possessed will of its own accord tend to undergo such transformations as will diminish its availability. The total amount of energy in such a system will remain constant in accordance with the principle of the conservation of energy. By no means yet discovered can we evade that law, yet the extent to which we are affected by the law of dissipation depends entirely upon the crudity of our apparatus or machinery. If we throw a string over a peg projecting from a wall, a weight attached to one end falling through a distance of n feet will raise a nearly equal weight attached to the other end through the same distance n feet. The smoother the peg and string are made, the nearer equal will the two weights be, and the less will the amount of energy dissipated by friction into the form of heat energy. By proper modification of this apparatus the whole of the energy released by the falling weight may be converted into heat energy. In fact that is nearly the case with any freely falling body. The energy possessed by the body before falling is due to its position. It is potential energy. This, as the body falls, becomes changed gradually into kinetic energy or energy of motion so that at the instant before the body strikes the ground the total potential energy it possessed when at rest at a height is now possessed by it as kinetic energy, excepting such small portion as has been dissipated by friction with the surrounding air. Let the body now strike the ground. Except for the slight energy dissipated as sound, the total kinetic energy possessed will be

degraded to the form of heat energy, i. e., kinetic energy of the molecules.

We say that this last change of energy is a degradation from a higher form into a lower. Thus the entire mechanical energy of any system may be degraded into heat energy, but we cannot utilize the entire amount of heat energy in doing mechanical work except by a compensating degradation of energy elsewhere. Heat energy is perhaps the lowest form of energy, and it is into this that the other forms are gradually being dissipated.

The availability of the forms of energy in nature depends upon how observable and controllable the individual units possessing the energy may be. In the case of mechanical energy the energy exerting unit may be a weight of large dimensions easily directed. In the case of heat energy we deal with only a tiny seat of energy, the individual molecule about whose position or motion we know practically nothing as yet and over which we have and can exert no direct control. We cannot, therefore, obtain from the energy of the molecule the greatest possible result. We can merely make conditions as favorable as our sphere of observation and intelligence will allow, being happy with such results as we may be able to obtain. The classification of energy is thus rather the classification of the fitness of our faculties with regard to the form of energy in question.

Energy must be either potential or kinetic in whatever form it may be found. If potential, it is due to the position or configuration of the system in which it is observed. Perhaps it is the potential energy possessed by a boulder balanced on the edge of a cliff ready to fall to the valley below and do work in crushing down a hut, a tree or perchance digging for itself a grave in the earth. Perhaps the potential energy is that of dynamite or gunpowder needing but a jar or a spark to release it, it lies dormant until conditions are adjusted and it may exert itself.

Kinetic energy is of another kind. It is energy of motion, energy which a body possesses solely by virtue of that motion. Such is the energy of the wind which turns the sails of the farmer's mill; the ceaseless energy of the waves which may be made to operate the small water motor; the energy of the steam expanding against the piston; the energy of the swiftly running stream or the water jet which operates an hydraulic engine.

Changes from potential to kinetic energy and vice versa occur continually even in the same system. For example, the energy of a falling body as described above is first potential due to its position with relation to the earth and then changes to kinetic as the body gains in velocity. A portion of the potential energy possessed by two chemicals is released when the chemicals are brought into combination and the energy becomes kinetic. If these chemicals are oxygen and

hydrogen in the proportion of eight pounds of the former to one pound of the latter, nine pounds of water are formed and the energy released at the moment of combination is greater than that dissipated when a weight of a thousand tons falls from a height of twenty feet against the earth. The energy locked up in this manner throughout the earth is enormous. The energy of the fuel that we burn is of this nature, combustion being but a rapid chemical union between oxygen and certain carbon constituents of the fuel.

Our question is, whence comes this energy? The answer is that practically all the energy of the earth, so far as we can ascertain, is due directly or indirectly to one of two great sources: (1) the energy of the solar rays, (2) the energy of the motions of the earth, moon and sun together with the energy of gravitation which exists between them.

The carbon fuel which we consume beneath the boiler owes its energy to the sun's rays. Coal is but the decayed vegetation of many ages past and the carbon of that vegetation was obtained in the same way as plants now obtain it. Plants do not create energy. They direct the energy of the solar rays in such a manner as to separate the carbon and the oxygen which exist together in the atmosphere as carbonic acid gas, the gas given off during all processes of respiration, combustion and putrefaction. The plant then takes up the carbon and ages afterwards we may be burning it as fuel. The oxygen is largely returned to the air. In like manner the animals which toil for us owe their energy to the sun's rays, for their food is entirely vegetation. The winds of the air are due to the warmth communicated to the air by the rays of the sun at certain places, this warmth being heat energy or kinetic energy of the vibrating molecules. The warm air rises and colder air rushes in to take its place, thus forming surface breezes. Falling water owes its energy to the sun, having been evaporated from the ocean, condensed in clouds and having fallen on the hillsides and on the mountain tops whence it rushes down again to the sea.

Every reason leads us to believe that our own energy, the energy of the human being, is derived from the energy of the chemical combustions which occur in respiration, particularly the combination of the carbon furnished to the blood by our food with the oxygen of the air. This again we may trace to the energy of the solar rays, for all our food is either vegetable or meat from animals which live on plant life and practically the equivalent of the oxygen used by animal life is given off by plants when they absorb their carbon.

The enormous energy of the tides is largely derived from the rotation of the earth coupled with the gravitational action of the sun and the moon on

the earth. That it can be harnessed and utilized has been proved, but the area required and the initial expense involved restrict such tidal water-power plants to those where only small amounts of power are required.

We have now spoken of two great classes of energy storage both of which are readily available and constantly in use for the promotion of man's happiness. They are included under the heading of (1) combustibles such as fuel and foodstuffs and (2) great natural bodies as wind, running and falling water, and the tides. There are perhaps four more such subclasses, (3) the energy of the earth's motion, (4) the internal heat of the earth, (5) the sun's rays themselves and (6) atomic energy of radioactive substances. These four classes include, to a great extent, energy storage of latent possibilities that has not been tapped to any extent for man's service.

It is of interest to us to observe the enormity of the energy of motion of the earth, although realizing the impossibility of benefiting by it. It is to be compared to an immense wheel whirling through space about its own axis and about the sun also. Its rotational energy is in the neighborhood of a hundred thousand million billion horsepower hours, while its orbital energy is about ten thousand times as much. Fleming has calculated that if some method were devised to slow down the speed of rotation so as to increase the length of a day by only five minutes, the energy released due to this slight decrease in speed would give us, if it were captured and stored, something over a billion horsepower continually for seventy thousand years.

The quantity of heat energy which is contained by the inner portions of the earth cannot be estimated with great accuracy. Whether or not it will ever be utilized at points where access to it may be gained as, for example, at volcanoes and boiling springs which reach to the earth's surface, is a question for the future. There seems to be a possibility of harnessing this source however remote the probability. As an available source of energy it must be recognized.

Utilization directly of the radiant heat from the sun has always been the dream of man. The heat delivered by the rays varies greatly with the locality depending upon the height above sea level, the latitude, the season and the condition of the atmosphere as regards cloudiness, fog and smoke or dust. On the average, however, the solar rays give up continually the equivalent of from 4,000 horsepower per acre at 26 degrees latitude and sea level to about 2,500 horsepower per acre at 45 degrees latitude and sea level. These figures are based on actual experimental observations. In some sections as high as 7,000 horsepower per acre has been observed under most favorable conditions. Even then the earth receives but one two thousand millionth part of all the energy sent out by the sun, that having been estimated at a value of more than five hundred million billion horsepower, equivalent to about 10,000 horsepower per square foot of the sun's surface. To equal this enormous output of heat energy would require the consumption of an amount

of coal every three minutes equal to the total coal supply of the United States lying within 3,000 feet of the surface.

Various devices have been tried and are still being investigated in the hope that this energy may be in part utilized. Small generating stations using low pressure steam evolved from water heated by means of focussed rays have been reasonably successful in many ways, yet it is a question whether, in most latitudes, the cultivation of combustible-producing crops would not furnish the most desirable utilization in spite of the fact that perhaps only one and one-half to two per cent of the sun's heat striking the land would thus be available. The most favorable calculations based on the steam plant operated by the sun's heat would indicate that not more than about five per cent of the sun's heat is utilized at the driving pulley.

The energy locked up in the atomic structures of merely the radioactive material we already know is certainly comparable with the total coal supply of the United States. The energy given out spontaneously by one pound of radium during its entire existence is equivalent to that produced by the combustion of about 136 tons of coal. If this energy could be controlled and utilized at will, the store would be truly valuable. There would be, in fact, enough energy from the visible supply of radioactive material to provide heat and power for all the countries of the globe for a period of about three centuries at the present rate of consuming coal and oil. While this is not enormous, it would suffice to allow a tremendous forest growth during that period. This supply of energy has not been touched. It has been suggested that it might be harnessed by the application of certain electric waves of the proper period to set the radioactive material into vibration so that the breaking down of the atom will take place rapidly, the energy released probably being immensely greater than that necessary to set the atomic structures into vibration of the desired sort. Intense study of this problem will be undertaken as necessity urges it and undoubtedly atomic energy may be counted as among those store heaps of the sun's energy set aside for the future.

Brief mention should be made of two more forms of energy, electricity and light, in order to make this discussion complete. Electricity can hardly be called even a secondary source of energy. In all large plants it is produced by the transformation of the mechanical energy of some prime mover as a steam or gas engine or a water wheel of some kind. In small amounts it is generated by means of batteries, either chemical or thermoelectric. If chemical, some chemical "fuel" such as zinc must be consumed. Of course, coal must have been used previously in the reduction of zinc from its ores before the metal can be used over again to give up energy by recombining with the electrolyte of the battery. Thus coal is largely, if not entirely, the source of energy of the electric battery of this type. If a thermoelectric battery is employed some fuel must be used to create the necessary heat for the operation of the battery. Hence, in either case, we may look ultimately to

the sun as the primary source of electric energy.

Light as a source of energy can probably be of service only in one way, that is by means of the pressure it exerts. The possibility of being able to make use of that mechanically is extremely slight because it is but a tiny amount at best. Crooks found experimentally (December 13, 1875) that this pressure under atmospheric conditions of thin clouds and haze in the latitude of England amounted to 2.3 tons per square mile. He estimated that for a mid-summer sun in a cloudless sky fifty-seven tons per square mile was a reasonably accurate figure. Maxwell in his "Electricity and Magnetism" (1873) had previously stated that the mean pressure per square foot exerted by sunlight is 0.000000682 of a pound weight. This gives the average pressure equal to about 2.47 pounds per square mile. More recent investigations, however, show that the earth carries a light load of about 75,000 tons, equivalent to only 1.6 pounds per square mile, an amount absolutely negligible for power purposes.

With these stores of energy at hand, if not all at our immediate command at present, who will venture to predict the future of power generation? That a post-fuel age may come is entirely possible, but that a post-energy era will ever find birth is as far beyond the realm of the imagination as anything can possibly be. In accessible and seemingly inaccessible forms energy surrounds us everywhere. Activity in plant, animal and human life alike is merely the transformation of energy. Even the movements of inanimate things, the flow of water, the falling of the rain, the whirl of the winds, the swish of meteors and the calm onward rolling of the planets are all but changes of energy from one form into another and ever remind us of that almost inexhaustible supply pouring out upon us from the sun.

Reprinted from the Isolated Plant.

PROCEDURE OF FEDERAL BUILDING CONSTRUCTION.

Relation of Site and Building Authorizations and Present Status of the Office.

O. Wenderoth, Supervising Architect, Washington.

Many requests are received for the immediate preparation of plans, etc., for particular Federal buildings which have been authorized by existing legislation, irrespective of the date of such authorization. The following statement of the present status of public building work is issued for the information of all concerned.

Beginning with 1902 it has been the policy of Congress to authorize public buildings by what are known as "omnibus" acts, each act including a great many separate projects. In addition, special acts are passed from time to time, providing for individual projects, increases in the limits of cost of projects previously authorized, etc. The "omnibus" act of 1902 was followed by similar acts in 1903, 1906, 1910 and 1913.

It is the present policy to place under contract for construction all buildings, or extensions to buildings, authorized in one "omnibus" act before beginning plans for projects author-

ized by a subsequent act. It is also the present practice to prepare the plans for all buildings, or projects, authorized in any given act in the order of the dates upon which the titles to the sites therefor were vested in the United States.

To determine the precise order in which the plans for the various buildings shall receive attention the following procedure is followed: The buildings authorized in any one act are first divided into groups according to the priority of the acts in which their sites were authorized. All buildings in each such act-group are further arranged in the order of the dates of the acquisition of their sites, the earliest date first. For instance, the 1913 act authorizes buildings upon sites which had been authorized in the act of 1908, in the act of 1910, and in the act of 1913. It is intended that the buildings so authorized in 1913 to be erected upon sites authorized in 1908 shall first be placed under contract. These will be followed by buildings authorized in 1913 to be constructed upon sites authorized in 1910. Then the buildings authorized in 1913 to be built upon sites also authorized in 1913 will take their respective turns for attention.

Extensions are usually authorized to be erected upon land already owned by the United States. While extension projects are included with the buildings authorized in a particular act, discretion is exercised in determining the order in which extensions shall be placed under contract for construction, depending upon the urgency of the need for the improvement.

The output of plans by the supervising architect's office is governed by the extent of the technical force (designers, draftsmen, computers, superintendents, etc.) which the appropriations given by Congress permit the department to employ.

At this date the office of the supervising architect has on its books, waiting to be placed under contract, approximately \$38,500,000 worth of authorizations for new buildings and extensions, exclusive of the value of the land. This includes the new buildings and extensions in the act of 1913. This office is placing buildings and extensions under contract at the rate of about seven million dollars annually, so that at the present rate of progress the last of the buildings authorized in the act of 1913 will not have been placed under contract until about the beginning of the calendar year 1920. It will not be until after the latter date that it will be possible for the supervising architect to place under contract any buildings contained in any acts, or acts, which may be passed in the meantime.

The current program, made up of the remaining projects which were authorized prior to the 1913 act, includes about one year's work from this date. Work upon the plans for buildings authorized in the act of 1913 will therefore not commence until about July 1, 1915. The 1913 act contains the following authorizations: New buildings, 394; extensions to existing buildings, 23; or a total of 327 projects.

The program of work contained in the act of 1913 has not been laid out as yet. Therefore it is impossible to state even approximately the time when any building authorized in that

act will be either authorized for bids or placed under contract.

If a subsequent act increases the limit of cost, or otherwise modifies prior legislation for a building or extension, before that project is reached in turn, the position of the project in the program of work is not affected thereby. If a project is set aside when its turn is reached in order to await action upon a proposed increase in the limit of cost, or for any other reason, it is taken up whenever "released," in as near its original position as the condition of the work, generally, may render possible.

No consideration can be given to suggestions that any one project is entitled to any more consideration than another, and requests that buildings be advanced out of their turn must be uniformly declined.

For the information of those not familiar with legislative terminology, it may be stated that an "authorization" is, as it implies, merely authority to acquire a site, erect a building, etc., within the limit of cost stated, and is not an actual "appropriation" of money out of the treasury. Appropriations are made by Congress on the basis of estimates submitted by the Secretary of the Treasury. These appropriations are carried in one or the other of the annual supply acts and are intended to be only sufficient to carry forward the building program for the fiscal year to which the acts apply. "Appropriations" are made on account of the limits of cost fixed by the "authorizations" and are not extensions of these limits. All appropriations for sites, buildings, extensions, etc., are available until expended, unless repealed by act of Congress, and are not automatically returned to the treasury if not expended before the expiration of the fiscal year.

The Public Buildings Act of 1913 authorized the Treasury Department to acquire sites, erect buildings, construct extensions, etc., aggregating a total cost of nearly \$12,000,000, but did not actually appropriate one cent toward the consummation of any one of these projects.

CONSTRUCTION WORK ABROAD.

[Consul Abraham E. Smith, Victoria, British Columbia.]

Sewer Contract—Road Construction.

A contract has been let for the Esquimalt sewer to Hugh MacDonald, for \$15,000. During 20 days in September 17 building permits were issued for small dwelling houses.

The council of the Saanich municipality, adjacent to Victoria, has passed a by-law for the expenditure of \$25,000 for paving the district's main roads and the installation of a first class water distribution system. The paving will require about \$450,000 from the municipality, and the provincial government will give an additional amount of \$100,000. The waterworks involve an expenditure of about \$275,000. This community expects soon to build a school at a cost of \$50,000.

CHILE.

[Review of the River Plate, the sums named are presumably Chilean currency, \$1 of which in paper equaled about \$0.11 United States currency on October 1.]

Coal-Mining Extension, Provision Shops. The Ministers of Finance and In-

dustries have been in consultation as to the best measures to adopt for increasing the national output of coal. [Coal-mining development necessitates the purchase of construction materials and mining machinery.]

Railway Construction.

The Chamber of Deputies has approved projects of law authorizing the immediate execution of the following public works: Railway construction to the value of \$4,000,000; tunneling and culverts on various sections of the State railways to the value of \$3,000,000. These works are being put in hand to provide occupation to the numerous laborers who are at present out of work owing to the dislocation of trade produced by the war.

The cost of repairing the Talca Railway is calculated at \$12,000,000, which is said to be almost equal to what a total reconstruction of the line would cost.

The Council of State has approved a message to Congress appropriating \$900,000 to the exploitation of the South Longitudinal Railway by the Government as from August 1, 1914.

OVER SIXTY BLOCKS OF CITY STREETS TO BE IMPROVED.

Board of Public Works Requests Supervisors to Make Funds Available To Carry Out Street Contracts.

The Board of Public Works has requested the Supervisors that the sum of \$220,000 be made available for making street improvements on certain streets throughout the city and county.

There are approximately sixty blocks to be improved according to the report of the Works Board and which will cost in the neighborhood of \$220,000 to carry out the work.

The streets to be improved are as follows: Civic Center, 14 blocks; Fillmore street, 5 blocks; Third street, 8 blocks; Kentucky street, 21 blocks; Eleventh street, 5 blocks; Drumm street, 3 blocks; Belden Place, 1 block; Clay from Drumm to the Embarcadero; California, from Presidio Ave to Parker, and Union from Octavia to Steiner street.

BOARD OF PUBLIC WORKS AWARD CONTRACTS.

The following contracts have been let by the Board of Public Works: Electric work, Academic Building, Polytechnic High School, to the Butte Eng. & Elec. Co.; heating and ventilating same building to the Scott Company; furnishing and delivering tracks to the United Steel Products Co.; furnishing and installing motor generator sets for the Fire Alarm Central Station to the Crocker-Wheeler Co. and for furnishing gasoline engine generators for the same building to the Fairbanks-Morse Company.

Six thousand bushels of lodgepole pine seed are being collected this fall on the Arapaho national forest, Colorado, for use in reforestation work next spring.

The Philippine bureau of forestry has recently invited bids for the cutting of nearly 300,000 acres of choice timberland on the public forests on the island of Luzon.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 and 4 story and base. Class A construction, \$160,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Marine View Terrace Community Co. Details of plans which will result in the construction of one of the finest apartment houses yet erected in San Francisco are now being worked out. The property on which the building is to be erected is located at the southeast corner of Green and Taylor streets, covering an entire fifty vara lot and commanding one of the finest views of the entire city and bay. The scheme is to be carried out on the community plan, each occupant owning his or her own apartments. The proposed building will be of fireproof construction with reinforced concrete walls, floors and roof, and soundproof partitions. All rooms will be outside rooms. Suites will consist of from five to nine rooms, and will include servants' quarters, room gardens and garage space. Interiors will be finished in pine and hardwoods with hardwood floors throughout. Bath rooms will be finished in tile and equipped with special fixtures. Marble and tile will be used in the entrances. Nearly all apartments will have private entrances, private roof gardens and balconies. Provision will be made for housing the heating and hot water equipment in a separate building. Open fire places will be installed in all apartments. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$35,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, A. Pome. The building will be erected on the south side of Turk street east of Polk, and has been designed to contain in the neighborhood of 35 suites of two and three rooms. Interiors will be finished in pine and hardwood veneer. All suites will have private bath rooms and wall beds. Plans provide for steam heat, a hot water supply and automatic elevator. Bath rooms will have tile wainscot and floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are now being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$40,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Kieran & O'Brien. The building will be erected on the east side of Mason street south of Sutter, covering an area of 35 by 62½ feet. Interior will be arranged for a number of two room suites with private baths. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the halls and living rooms. There will be steam heat, hot water supply, elevator service and a vacuum cleaning system. The wainscot and composition floors

will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house and stores, 2 story and base. Class C construction, \$25,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Durst Bros. The building will be erected on Adeline street near Harmon, having a frontage of 50 feet and a depth of 133 feet. There will seven stores on the first floor besides the entrance to the apartments. Ten suites of three rooms will occupy the upper floor. Interiors will be finished in pine and redwood. There will be steam heat and a hot water system. Private baths and wall beds are specified. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

PORTLAND, ORE.—Apartment house, 2½ story and base, brick and concrete, \$30,000. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Metropolitan Investment Co. The building will be erected on 19th street near Washington, and will cover a considerable area. There will be eight apartments of six rooms, each apartment occupying a part of both the first and second floors. Separate entrances will be provided for each apartment. Interiors will be finished in pine, eastern oak, mahogany and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be steam heat and open fire places. Mantels will be of tile. Tile wainscot and floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Bath house equipment. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, City of San Rafael. Two bids were received at the last meeting of the City Council for furnishing the laundry and other equipment for the new Municipal Baths. The American Machine Co. bid \$7,888.88, and James D. O'Mara bid \$8,203. Bids have been taken under advisement. The architect was instructed at the same meeting to prepare plans and specifications for completing the interior of the building.

BANKS

PORTLAND, ORE.—Bank and offices, 4 story and base. Class A construction. Cost not stated. Architect, none. Owners, Citizens' Bank of Portland. The Citizens' Bank, 120 Grand avenue, Portland, has purchased the northwest corner of Grand avenue and Adler

street, and state that they will erect a four-story structure of granite, brick or concrete. As yet no architect has been selected, but it is thought that the directors of the bank will make a selection soon. The site is 50 by 100 feet in dimensions. N. U. Carpenter is president of the bank. This report should not be confused with a report printed recently relating to the new building to be erected by the First National and Security Savings and Trust Co. of Portland on property at the southwest corner of 5th and Stark streets, Portland.

BONDS.

SACRAMENTO, CAL.—The official returns of the good roads bond election show that the issue was defeated by 363 votes. The total vote cast was 13,104; 8,373 were cast in favor of the issue and 4,731 against.

In the city the vote stood 5,208 for the bonds and 3,165 against them. The vote in the country stood 4,235 for the bonds and 506 against.

SANTA ROSA, SONOMA CO., CAL.—Meetings are being held throughout the county of Sonoma continually urging the calling of a bond election for good roads.

YREKA, SISKIYOU CO., CAL.—Siskiyou County has purchased \$50,000 of the State Highway bonds. This latest purchase brings Siskiyou's total subscription up to \$150,000.

SANTA BARBARA, SANTA BARBARA CO., CAL.—For the purpose of erecting a library building in this city the Chamber of Commerce has under discussion the proposition of issuing a petition calling for a special bond election.

REDLANDS, SAN BERNARDINO CO., CAL.—The special election held in San Bernardino County recently resulted in the adoption of the good roads and hospital bonds by a vote of 4 to 1. In this city 1,843 votes were cast for the road bonds and only 390 against. Only 175 votes were cast against the hospital bonds and 2,060 for. In other parts of the county the vote shows similar majorities.

This means that San Bernardino County will spend \$1,750,000 for paved highways and \$150,000 for a county hospital.

SAN DIEGO, SAN DIEGO CO., CAL.—Unanimous endorsement of the State Fair and Capitol Extension bonds to be voted at the November election has been given by the San Diego Chamber of Commerce.

WOODLAND, YOLO CO., CAL.—A special election will be held on October 30th for voting bonds in the sum of \$100,000 for the purpose of raising funds to purchase school lots, and for building or purchasing one or more school houses and supplying same with necessary furniture. J. Reith, R. J. Gibson, J. L. Harlan, F. C. Ewert and J. V. Lentholt are members of the Board of Education.

VACAVILLE, SOLANO CO., CAL.—As soon as legal formalities can be complied with the question of bonding Vacaville for \$30,000 for street improvements will be submitted to the voters.

PORTLAND, ORE.—Bids, to be opened November 3, were invited for \$250,000 interstate bridge bonds by the bridge bonding committee.

The bonds were offered at popular sale in denominations of \$100, \$500 and \$1,000. They draw interest at 5 per cent, and are serial, their retirement beginning with \$10,000 at the end of five years, continuing with the retirement of \$10,000 every five years thereafter. Public support of the sale is urged.

CATHLAMET, WASH.—An election will be held November 3 to vote on the proposition of issuing bonds in the sum of \$75,000 for the construction of roads. The bonds shall be payable and redeemable after 10 years, and shall bear 6 per cent.

BILLINGS, MONT.—The Board of County Commissioners will take steps to submit to voters a proposition to bond the county in the sum of \$200,000 for the construction of bridges over the Yellowstone River at Marsh and Intake, and for installation of a new span in bridge crossing river at this city.

BRIDGES AND DAMS.

SACRAMENTO, CAL.—Bridge, concrete and steel, \$3,400. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. J. H. Wells of Sacramento presented the lowest figure for constructing a bridge over Arcade creek at \$2,564. Three other figures were received. Bids were referred to the Contract Committee.

RED BLUFF, TEHAMA CO., CAL.—Retaining wall, reinforced concrete. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans and specifications for a concrete wall across the Elder creek, near the Tyler place, have been accepted here by the Board of Supervisors, and bids will be received by them until November 5th at 10 a. m. Further information together with plans and specifications may be had from the County Surveyor.

RIO VISTA, SOLANO CO., CAL.—Bridge, steel and concrete, \$150,000. Engineers, County Surveyors, Solano and Sacramento Counties. Owners, Solano and Sacramento Counties. Plans for the proposed Rio Vista bridge have been approved by the War Department. The engineers delayed their decision because it was found necessary to revise the plans so as to place the draw nearer the Rio Vista side of the river. According to the plans the bridge will cost about \$150,000. It will be built jointly by Sacramento and Solano Counties.

ROSEVILLE, PLACER CO., CAL.—Bridges, timber and reinforced concrete. Cost not stated. Engineer, County Surveyor, Auburn. Owners, Placer County. Work on three bridges has been started by Day Labor. Supervisor Wm. Haman has sent out a crew of men to commence construction of three new bridges in this section. Two of the structures will be of reinforced concrete, and will be at points on the State Highway. The other structure will be of wood construction and will be erected at Riverdale.

MODESTO, STANISLAUS CO., CAL.—Bridges, timber and concrete. Cost not stated. Engineer, Modesto Irrigation District. Modesto. Owners, Modesto Irrigation District. Bids will be opened on November 10th for constructing a bridge over Briggs Ditch, a bridge over Lateral No. 5, a bridge over Lateral No. 4 and a siphon on Lateral No. 1. Plans and specifications together with other information can be secured by addressing the Secretary of the Modesto Irrigation District at Modesto.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Luis Obispo. Owners, San Luis Obispo County. Plans and specifications for the construction of a reinforced concrete arch bridge over the Atascadero creek on the State Highway have been adopted by the Board of Supervisors, and bids will be received by them until November 5th at 10 a. m.

Contracts Awarded.

WOODLAND, YOLO CO., CAL.—Bridge, concrete and timber, \$30,500. Engineer, County Surveyor, Woodland. Owners, Yolo County. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. Contract price, \$30,500.

REDWOOD CITY, SAN MATEO CO., CAL.—Bridges, timber and reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractors, Barrett & Hilp, S. F., bridge in Third township, \$5,308.50; Savage Bros., S. F., bridge in Fourth township, \$6,758.50.

CHURCHES.

MONTEREY, MONTEREY CO., CAL.—Church, 2 story and base, brick and frame, \$25,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, First Presbyterian Church of Monterey. The building will be designed in the Spanish style and will contain a large auditorium, Sunday school rooms and social rooms. Interior finish will be of pine and redwood with some ornamental plaster. Art glass windows will be installed. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

MERCED, MERCED CO., CAL.—Church, 1 story, frame and plaster, \$6,000. Architect's name not given. Owners, St. Luke's Episcopal Church. Contractors, Wilcox & Groom, Livingston. Contract price exclusive of chairs, art glass and other furnishings, \$5,560.

COURT HOUSES.

SACRAMENTO, CAL.—Improvement to Court House ground, \$16,374. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. The contract with Teichert & Ambrose to improve the north half of the Court House Block for \$16,374 was referred to the District Attorney for approval.

CHICO, BUTTE CO., CAL.—Court House, 2 story and base, Class A construction, \$100,000. Architect not selected. Owners, Butte County. The question before the people of Chico and Oroville at the present time is the building of a new county court house,

Oroville is now basing her fight against Chico's effort to get the county seat. The discussion now is on the question as to whether a court house can be built at the cost of \$100,000. People of Chico say that it can and they also have the word of architects in their favor. It is thought that an understanding will be reached within the near future, and the preparation of the plans for the building will be started.

FACTORIES AND WAREHOUSES.

SEATTLE, WASH.—Cold storage warehouse, 4 story and base, Class A construction. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. All bids for the construction of the cold storage apple warehouse have been rejected by the Port of Seattle Commission and new plans have been ordered prepared. The new plans will include the fish storage warehouse. The Butler Contracting Company of Seattle was awarded the contract, but this award has been withdrawn. The building on which bids will be taken in about three months will cost in the neighborhood of \$200,000 exclusive of the machinery which will cost \$200,000 additional.

LOS ANGELES, CAL.—Brewery, 5 story and base, brick and steel, \$30,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, East Side Brewing Co. The building will be erected on North Main street, covering an area of 96 by 65 feet. Extra heavy construction will be used. Interior will be finished in pine. There will be special machinery, which is not included in the estimated cost. Exterior of the building will be faced with stock brick. Plans are now being prepared.

FIRE HOUSES AND JAILS.

RICHMOND, CONTRA COSTA CO., CAL.—Fire house, 1 story and base, brick, \$5,000. Architect's name not given. Owners, City of Richmond. Plans and specifications for a one-story brick fire house building, to be erected on the corner of Barrett avenue and 19th street, were ordered prepared by the City Council at their last meeting. The structure will cost in the neighborhood of \$5,000 and will have a pressed brick front.

FLATS.

SAN FRANCISCO.—Flats, 3 story and base, frame, \$7,000. Architect, none. Owner, Bert T. Owsley, 311 Sharon Bldg., S. F. The building will be erected on the west side of Clayton street, south of Hayes, having a frontage of 25 feet and a depth of 70 feet. There will be three flats of five and six rooms, with space for private garage in the basement. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,700. Architect, none. Owner, W. W. Rednall, 2300 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker, covering an area of 26 by 60 feet, and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile or brick. Bath rooms will have tile wainscot. Entrance will be finished in marble. Exterior of the building will be covered with red stock brick veneer and cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, M. Matanovich, David Hewes Bldg., S. F. Owners, L. H. and H. R. Kage. The building will be erected on the west side of Howard street north of Adair, having a frontage of 30 feet and a depth of 65½ feet. There will be two flats of six rooms each. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Wall beds are specified. Tile and marble will be used in the entrances. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Flat and stores, 2 story and base, frame, \$3,500. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Robert Trimlett, 3136 High street. The building will be erected at the northwest corner of 38th and Brookdale avenues, and will contain two small stores on the first floor. Upper floor will be arranged for a six-room flat. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place and tile or brick mantel. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

GARAGES.

CALIFORNIA—Garages, 1 story, reinforced concrete. Cost not stated. Architect, none. Owners, Coast to Coast Auto Co., San Bernardino. Articles of incorporation have been filed in San Bernardino for the Coast to Coast Auto Company, which is to operate garages along the Old Trails National Highway. The incorporators are C. L. Wheatland, C. A. Anthony, G. M. Hale, R. F. Cline, all of San Bernardino, and W. A. Ramsey of Los Angeles. The capitalization is \$25,000. According to the plans of the corporation, garages will be taken over from Needles to San Bernardino, on toward Los Angeles, and probably from Barstow to San Francisco, and from Los Angeles to San Diego.

SAN FRANCISCO—Garage and stores, 2 story and base, reinforced concrete, \$70,000. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. H. Martin. The building will be erected on the west side of Van

Ness avenue between California and Sacramento, having a frontage of 93 feet and a depth of 159 feet. There will be a large commercial garage and sales rooms on the first floor. Upper floor will be arranged for offices and shipping department. Interior finish will be of pine and hardwood. There will be a tile floor and marble wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken. A contract will be awarded within a few days.

OAKLAND, CAL.—Garage, 1 and 2 story and base. Class A construction. Cost not stated. Architect, J. J. Donovan, Oakland. Owners, City of Oakland. The building will be erected in the rear of the City Hall and will be designed for the use of the city's machines. Construction will be fireproof. There will be a cement first floor. Interior finish will be of pine throughout. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

GOVERNMENT WORK & SUPPLIES.

Roof Ventilators.

Abstract of proposals received by U. S. Reclamation Service, in connection with advertisement No. 345, for roof ventilators for the Okanogan project, Wash., bids opened at Los Angeles, Cal.:

American Cornice Works, Los Angeles, Cal., \$100.

California Cornice Works, Los Angeles, Cal., \$120.

Tunnel Bulkhead.

Abstract of proposals for tunnel bulkhead, advertisement 335F, for Shoshone project, Wyo., opened at Los Angeles, Cal.:

Rosedale Foundry and Machine Co., Pittsburgh, Pa., \$1,840.

Minneapolis Steel and Machine Co., Minneapolis, Minn., \$2,027.

Charles F. Elmes Engineering Works, Chicago, Ill., \$2,800.

Fulton Engine Works, Los Angeles, Cal., \$2,929.

S. Morgan Smith Co., York, Pa., \$3,650.

Pittsburgh Valve, Foundry and Construction Co., Pittsburgh, Pa., \$3,100.

Union Machine Co., San Francisco, Cal., \$2,106.

The Hinman Hydraulic Mfg. Co., Denver, Colo., \$3,190.

Joshua Hendy Iron Works, San Francisco, Cal., \$3,415.

The Pelton Water Wheel Co., San Francisco, Cal., \$3,450.

Union Iron Works Co., San Francisco, Cal., \$3,700.

Midvale Steel Co., Philadelphia, Pa., \$4,999.90.

Nordberg Mfg. Co., Milwaukee, Wis., \$6,000.

Las Animas Feed Water Heater.

All bids received at the bureau of yards and docks, Navy Department, Washington, D. C., for installing a feed water heater at the naval hospital, Las Animas, Colo., have been rejected as excessive. The specifications will be revised and the work readvertised.

Philippines, Lumber.

Under bids recently opened for furnishing 506,333 feet Oregon pine lumber for buildings at Fort Mills, P. I.

The contract has been awarded to the Robert Dollar Co., of San Francisco, Cal., at \$10,633, including transportation to Manila.

Reclamation Advt. No. 348.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing trash rack grillages, flat valves, and sole plates for the Okanogan project, Washington:

Bid 1. Smith & Watson Iron Works, Portland, Ore.; delivery, Portland.

2. Llewellyn Iron Works, Los Angeles, Cal.; delivery Los Angeles.

3. Fulton Engine Works, Los Angeles, Cal.; delivery Los Angeles.

4. Willamette Iron Works, Portland, Ore.; delivery Portland.

5. Union Machine Co., San Francisco, Cal.; delivery San Francisco.

6. United Iron Works, Oakland, Cal.; delivery Oakland.

7. Baker Iron Works, Los Angeles, Cal.; delivery Los Angeles.

8. Union Iron Works, San Francisco, Cal.; delivery San Francisco.

9. Keystone Iron Works, Los Angeles, Cal.; delivery Los Angeles.

Item 1—Bid 1, \$55, 16 days; 2, \$73.50, 10 days; 3, \$58, 30 days; 4, \$60, 2 days; 5, \$91, 10 days; 6, \$83, 10 days; 7, \$106, 10 days; 8, \$85, 8 days; 9, \$98.30, 12 days.

Item 2—Bid 1, \$166, 16 days; 2, \$232.50, 10 days; 3, \$204, 30 days; 4, \$170, 4 days; 5, \$243, 14 days; 6, \$255, 10 days; 7, \$266, 10 days; 8, \$245, 10 days; 9, \$287, 12 days.

Item 3—Bid 2, \$48.50, 12 days; 3, \$108, 30 days; 4, \$120, 4 days; 5, \$79, 14 days; 6, \$88, 12 days; 7, \$48, 2 weeks; 8, \$110, 10 days; 9, \$118.30, 12 days.

Item 4—Bid 2, \$100, 12 days; 3, \$94, 30 days; 4, \$105, 3 days; 5, \$82, 10 days; 6, \$85, 10 days; 7, \$84, 1 week; 8, \$110, 8 days; 9, \$69.25, 12 days.

San Francisco, Cal., Repairs.

The contract for repairs to pressed brick facing of the U. S. Appraisers' Building, San Francisco, Cal., has been awarded to Grant Fee at \$1,275.

Transformers.

Abstract of proposals received by U. S. Reclamation Service in connection with advertisement No. 346, transformers for Okanogan project, Washington, bids opened at Los Angeles, Cal.:

Allis-Chalmers Mfg. Co., Los Angeles, Cal., \$97.

Maloney Electric Co., St. Louis, Mo., \$99.

Pittsburgh Transformer Co., Pittsburgh, Pa., \$118.50.

Westinghouse Electric and Manufacturing Co., Los Angeles, Cal., \$138.60.

General Electric Co., Los Angeles, Cal., \$113.73.

San Francisco Bake Ovens for Transports.

Only one bid was received by the depot quartermaster, San Francisco, Cal., for 6 electric bake ovens, Navy circulating type, for the transports Sherman and Logan, that of the General Electric Co., at a total of \$1,722 for the 6 ovens and \$90 for 1 set extra grids. The bid was accepted.

San Francisco, Cal., Painting, Etc.

The contract for painting and minor repairs at the U. S. Appraisers' Building, San Francisco, Cal., has been awarded to W. R. Eaton at \$935.

San Francisco, Cal., Repairs and Painting.

The contract for repairs and painting at the U. S. Marine Hospital, San Francisco, Cal., has been awarded to I. R. Kissel at \$1,500.

Roof Trusses and Trolley Beams.

The following bids were received by the U. S. Reclamation Service, under advertisement No. 342, for roof trusses and trolley beams for the Okanogan project, Wash.:

- Bid 1. Los Angeles Iron Works, Los Angeles, Cal.
- 2. Fulton Engine Works, Los Angeles, Cal.
- 3. Seattle Dry Dock and Construction Co., Seattle, Wash.
- 4. Judson Mfg. Co., San Francisco, Cal.
- 5. Willamette Iron and Steel Works, Portland, Ore.

Item 1. Bid 1, \$49, at Los Angeles, 6 days; 2, \$73.80, at Los Angeles, 15 days; 3, \$54, at Seattle, 6 working days; 4, \$72.63, at Okanogan, 30 days; 5, \$92, at Portland, 3 days.

Item 2. Bid 1, \$53, at Los Angeles, 6 days; 2, \$79.90, at Los Angeles, 15 days; 3, \$91, at Seattle, 6 working days; 4, \$80.88, at Okanogan, 30 days; 5, \$84, at Portland, 3 days.

Item 3. bid 1, \$93; 2, \$113.45; 3, \$158.50; 4, \$141.33; 5, \$154; deliveries same as item 2.

San Diego, Cal., Extension to Coal Plant.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for extensions to coal platform and flume at the naval coal depot, San Diego, Cal.:

Fred Steffen, San Diego, Cal., \$8,215.50.

The Holland Construction Co., San Diego, Cal., \$9,760.

San Diego, Cal., Repairs.

The contract for repairs to concrete casing of piles at the U. S. quarantine station, San Diego, Cal., has been awarded to Spreckles Bros. Commercial Co. at \$1,450.

SAN FRANCISCO—Government work. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Capt. Geary, Quartermaster at Fort Winfield Scott, will shortly open bids for repairs to the Torpedo wharf at Fort Winfield Scott. Bids will shortly be called for by the Constructing Quartermaster at Fort Mason for dredging around the Transport docks. Surveys and preliminary plans are being prepared in the office of the Constructing Quartermaster at Fort Mason for a tunnel to connect Fort Baker and Fort Berry, located in back of Sausalito, Marin County. The proposed tunnel will be 2,100 feet long and will contain a single track. Included in the project is two miles of railroad. Bids will not be called for some time. Plans are also being completed in the same office for an ornamental iron gate at the Laguna street entrance to the Transport docks. The gate will have concrete posts and arches.

HALLS AND SOCIETY BUILDINGS.

SAN MATEO, SAN MATEO CO., CAL.—Lodge hall and theatre, 2 story and

base, concrete and frame, \$55,000. Architect, Will D. Shea, 214 Kearny street, S. F. Owners, Knights of Columbus Hall Association. Besides the two-story portion of the building, which will house the lodge room and offices, there will be a one-story part given over to a motion picture theatre. Plans have been revised and new figures will be called for at once. The theatre portion and first floor of the lodge rooms will be of concrete construction. Interior will be finished in pine and hardwood. There will be steam heat and open fire places. Mantels will be of tile. Exterior of the building will be faced with cement plaster.

HILLSBORO, ORE.—Lodge hall and store, 3 story and base, brick and concrete, \$30,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge Hall Association. The building will have a frontage of 64 feet and a depth of 100 feet. The first floor will be leased for stores. Basement will contain a gymnasium, swimming tank, bowling alley and the mechanical equipment. Second floor will contain a large auditorium and ball room and social rooms. The third floor will also contain lodge rooms, cloak rooms and a banquet hall. Interior will be finished in pine and hardwood. A maple floor will be used in the ball room. There will be steam heat. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Club house improvements. Cost not stated. Architect, none. Owners, Riverside Country Club. Extensive improvements have been planned by the Riverside Country Club. Extensive improvements age of 1,000 feet on the San Joaquin river, and they intend to improve this property. The work will consist of golf links, bowling alley, tennis courts, concrete swimming tank, boat house and other extensive improvements. J. C. Forkner is the president of the club.

HOSPITALS.

ELDRIDGE, SONOMA CO., CAL.—Epileptic cottage, 1 story, frame and concrete, \$16,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. R. S. K. McMillen and Louis Cereghino & Son each submitted a bid of \$15,475 for constructing this building. They were the low men. The question of an award has been taken up by the State Board of Control. A complete list of the bids opened will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

VENTURA, VENTURA CO., CAL.—Hospital, 2 story and base, brick and steel. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, County of Ventura. All bids recently opened for this work have been rejected. Plans will be slightly revised and new figures will be called. Further mention will be made of the work at that time.

Contracts Awarded.

DECOTA, ALAMEDA CO., CAL.—Dormitory, 2 story and base, brick and concrete, \$34,787. Architect, James H. Humphrey, Wells-Fargo Bldg., S. F. Owners, California Masonic Home, Con-

tractors, Thomas Day's Sons, S. F. Contract price, \$34,787.

SAN FRANCISCO—Hospital alteration and additions, 4 story, brick. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Mary's Help Hospital. Contractor, John Hughes. Contract price not stated. This work will consist of installing a new children's ward.

HOTELS.

REDONDO BEACH, LOS ANGELES CO., CAL.—Hotel, 5 story and base, Class B construction. Cost not stated. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owner, Mrs. Nelms. The building will be erected on Catalina street, having a frontage of 50 feet and a depth of 120 feet, and will contain 125 guest rooms besides a large office, dining room and lobby. Interior will be finished in pine with some hardwoods. There will be steam heat, a hot water supply and elevator service. A number of the rooms will have private baths which will be finished in tile. A tile floor will be used in the lobby. Exterior of the building will be faced with ruffled brick trimmed with terra cotta. Plans are being prepared.

LIBRARIES.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced concrete, \$12,000. Architect, L. M. Turton, Napa. Owners, Vacaville Library Trustees. The building has been designed in the classic style and will contain a large reading room, stack room and office of the librarian. Interior will be finished in pine with maple floor. There will be a central heating system. Metal book stacks will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once. Further mention will be made of the work when an official notice to contractors is published.

SAN FRANCISCO—Library, 2 story and base, reinforced concrete or brick and steel, \$60,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Architect Lansburgh has been selected to prepare plans for the Mission Branch Library and is now engaged on the working drawings. The building will be of fireproof construction and will contain besides the usual reading rooms, a children's department. Interior will be finished in pine and hardwood with metal trim and metal book stacks. Plans include a central heating system, probably steam heat, vacuum cleaning and modern plumbing. The design will be in the classic style. Exterior will be faced with either pressed brick or cement plaster. Further mention will be made of the work.

PANAMA—PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Moving Life Saving Station. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on October 29th for moving the main station building, the bathhouse and storehouse of the United States Life Saving Station, known as the Fort

Point Life Saving Station, to another location on the Exposition Grounds. Plans and complete information can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Launchway and fender piles. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on November 2nd for constructing an iron and steel launchway, fender piles and walk at the new location of the Fort Point Life Saving Station. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—State exhibit building, 1 and 2 story, frame and plaster, \$20,000. Architects, Averstreet, Spencer & Pain, Jackson, Miss. Owners, State of Mississippi. Plans are complete and out for figures for the one and two story building which will house the official representatives and displays of the State of Mississippi at the Panama-Pacific International Exposition. Plans can be secured from the office of the Director of Works. Bids will be opened in the offices of the architects in Jackson, Miss.

Contracts Awarded.

SAN FRANCISCO—Moving incinerator. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractor, Mart Jacobs. Contract price, \$550.

SAN FRANCISCO—County exhibit booth, \$2,500. Architect, William Binder, Rea Bldg., San Jose. Owners, Santa Clara County. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$2,500.

SAN FRANCISCO—Display booth, \$9,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, M. A. Gunst Co. Contractors, Baccus Bros., S. F. Contract price, \$9,000.

RAILROAD CONSTRUCTION AND EQUIPMENT.

RICHMOND, CONTRA COSTA CO., CAL.—Track work and freight sheds, frame, \$14,000. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The State Railroad Commission has ordered the Southern Pacific to prepare plans, to be approved by the Commission, for a freight depot and a standard weighing system. The company has been given 60 days from October 13th in which to complete plans.

OAKLAND, CAL.—Store house and tower, 2 story, brick, \$20,000. Architect, Engineering Department of Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans are complete for a new storage house and tower to be erected in the East Oakland Yards. The building will cover a considerable ground area. Interior will be finished in pine. There will be special electric work, to be installed by the company. Exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, George F. Cleese, 524 25th avenue, S. F. The dwelling will be erected on the west side of 15th avenue south of Anza street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by Day Labor. Materials are now being purchased.

San Francisco—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two houses will be erected on the east side of 20th avenue north of California street, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and elm veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, M. Fauth, 29 Alma street, S. F. The dwelling has been designed for a seven-room house with bath and will be erected on the west side of 21st avenue near Fulton street. Pine, redwood and elm interior trim will be used. Hardwood floors are specified in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,500. Architect, none. Owners, Oscar Heyman Bro., 742 Market street, S. F. The dwelling will be erected on the east side of 23rd avenue, north of Irving street, and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, concrete. Cost not stated. Architect, John Hudson Thomas, First National Bank

Bldg., Berkeley. Owner, C. J. Boese. The dwelling will be designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, J. C. Kincade, 6601 Dana street, Oakland. Owner, Louis E. Brann. The dwelling will be erected on Kenmore avenue near Lake Shore avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with some white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have the wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,500. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Mason McDuffie Co. The dwelling will be erected in Claremont Park and has been designed to contain eight rooms, two baths and a sleeping porch. A garage will also be erected on the property. Interior finish will be of pine and hardwood with white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$6,000 each. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. These dwellings will be erected in Northbrae and each has been designed to contain eight rooms, two baths and sleeping porch. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, C. J. Pfaff, 547 Claremont avenue, Oakland. The dwelling will be erected on the west side of Moraga north of Pleasant avenue, and has been designed to contain eight rooms and bath. A garage will also be erected on the property. Interior of the house will be finished in pine and hardwood with white enamel in the bed rooms. Plans provide for furnace heat and open fire places. Man-

tels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall. Central Bank Bldg., Oakland. Owner, Dr. E. R. Jordan. The dwelling will be erected on Lake Shore Drive near Walavista, and has been mentioned here before. Revised plans have been completed. The dwelling will contain seven rooms, two baths and sleeping porches. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$3,000. Architect, H. P. Smith, Blake Bldg., Oakland. Owner, Joseph F. Wilson, 752 Taylor street, Alameda. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who is taking figures for the entire work.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$2,500 and \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Lecamm. These houses will contain seven and eight rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and floors will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will probably be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owners, Carroll and Deary, 1844 39th avenue, Oakland. The house will be erected on the south side of Hayes street west of 62nd avenue, and has been designed for a nine-room dwelling. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

PITTSBURG, CONTRA COSTA CO., CAL.—Residence, 1½ story and base,

frame. Cost not stated. Architect, none. Owners, Pittsburg Congregational church, Rev. Littlewood. The dwelling has been designed for a parsonage and will be erected on Cumberland street. There will be six rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. Plans provide for open fire place and tile mantel. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

REDWOOD CITY, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$35,000. Architects, Bliss & Paville, Balboa Bldg., S. F. Owner, Jacob Stern. This house has been designed for a large country home and will be erected on property adjoining that of Mr. Stern's brother. There will be in the neighborhood of fourteen rooms, several baths and sleeping porches. Interior will be finished in pine and hardwood with white enamel in the bed rooms. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will have tile wainscot and composition floors. Vacuum cleaning and a hot water system will be installed. A hot house, stables and a garage will also be erected. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 2, 1 story and base, frame, \$1,200 and \$2,000. Architect, none. Owners, E. L. Jones, 304 South Second street, and S. G. Pelton, 445 South Third street. These two houses will contain six rooms and bath each. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be an open fire place in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the respective owners who will do the work by Day Labor.

SCHOOLS.

FRESNO, FRESNO CO., CAL.—School, 2 story and base. Class A construction, \$370,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Work on the \$370,000 Fresno Normal School building will begin before the end of December, according to present indications. The plans have been practically completed by the State Architect. C. L. McLane, president of the Normal School, says two representatives of the Department of Architecture were in Fresno a few days ago gathering final data for the plans. The next stage in the proceedings will be the submission of the plans to the advisory board of consulting engineers. This board will meet the first part of November. Bids probably will be called for some time in November, and work will begin in December unless there is a hitch in the proceedings. The State Board of Control has given permission to the Fresno Normal Board to go ahead with the building although only half of the appropriation of \$1,000,000 is now available.

OAKLAND, CAL.—School plumbing, etc. Cost not stated. Architect, none. Owners, City of Oakland. Plans are complete and figures are being taken for furnishing and installing plumbing fixtures in the Lakeview School. Plans can be secured from the Secretary of the Board of Education. Bids will be opened on November 3rd.

DIXON, SOLANO CO., CAL.—School, 2 story and base, brick, \$60,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. The building will cover a large ground area and will contain fourteen class rooms, an auditorium, offices, departments for manual training and domestic science. Interiors will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, program clocks and vacuum cleaning. Modern school plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

Contracts Awarded.

SAN FRANCISCO.—School heating and electric work. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Butte Electric and Engineering Co., electric work Academic Building, \$16,490; Scott Co., heating and ventilating, same building, \$8,260.

ALBANY, ORE.—School, 2 story and base, brick and concrete, \$39,150. Architect, Charles H. Burgraff, Albany. Owners, City of Albany. Contractor, N. E. Hoover, Albany. Contract price, \$39,150.

SEWERS, STREET WORK & WATER SYSTEMS.

REDWOOD CITY, SAN MATEO CO., CAL.—Road construction, \$8,973. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The bid of Blanchard-Brown, presented to the Supervisors at their last meeting, offering to construct 1.159 miles of the La Honda to San Gregorio road for \$14,503 has been rejected. The surveyor's estimate of the work was \$8,973. The clerk has been directed to advertise for new bids.

RICHMOND, CONTRA COSTA CO., CAL.—Street work. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. At the regular meeting of the City Council the bid of John Word was rejected for the improvement of 16th street, as it was found to be illegal. New bids will be called for immediately.

GRASS VALLEY, NEVADA CO., CAL.—Canal construction. Cost not stated. Engineer's name not given. Owners, Chicago Park, Forest Hill and Union Hills Irrigation Districts. The Chicago Park, Forest Springs and Union Hill Districts have launched a movement with the idea of organizing into a water district under the Wright Act for the purpose of voting irrigation bonds to construct 128 miles of canal in the southwestern portion of the county. By such a system of water distribution, it is stated that 22,000 acres will be brought under irrigation in a few years. With the canals constructed, the farmers would purchase water from the Pacific Gas and Electric Company's supply ditch at Redress Summit.

FORT BIDWELL, MODOC CO., CAL.—Irrigation work. Cost not stated. Engineer's name not given. Owners, Cowhead Irrigation Project. With the visit of ex-Senator A. T. Currier and Luther E. Campbell, Southern California capitalists, to this section on an inspection trip of the Cowhead irrigation project, comes the announcement that the Modoc Irrigation Company has acquired the rights of the Surprise Valley Water Company. The new company, capitalized at \$1,000,000, has assumed the \$85,000 obligations its predecessor contracted in its efforts to consummate this great project. The project proposes the construction of a main canal for carrying the waters of Cowhead Lake to the 320,000 acres in Surprise Valley.

RIVERBANK, STANISLAUS CO., CAL.—Road improvement. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans are complete and figures will be opened on November 10th for grading and improving the Burneyville road near Riverbank. Plans and specifications can be secured from the Clerk of the Board of Supervisors.

FRESNO, FRESNO CO., CAL.—Electroliters. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council is now gathering information on the different designs and makes of electroliters. It is thought that bids for this work will be called for within a few days. The system it is thought will cost \$45,000.

REEDLEY, FRESNO CO., CAL.—Water system. Cost not stated. Engineer, City Engineer, Reedley. Owners, City of Reedley. Plans and specifications have been completed for an auxiliary water system. Bids will be taken for this work as follows: Item 1, for the construction of a pump pit; 2, for the construction of a pump house and office; 3, for the furnishing and installing of pumping machinery and accessories. Plans and specifications can be secured by addressing the City Clerk. Bids will be opened on November 15th.

Contracts Awarded.

SAN RAFAEL, MARIN CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Contractor, James H. O'Brien, San Rafael. Contract price, \$1,160.

SAUSALITO, MARIN CO., CAL.—Street work, \$21,102.75. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. Contractors, Eaton & Smith, San Francisco, sub-grading. Contract price, \$21,102.75.

SANTA ROSA, SONOMA CO., CAL.—Sewer pipe. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, Capitol Sewer Pipe Co., Sacramento. Contract price not stated.

SANTA ROSA, SONOMA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, City Street Improvement Co., San Francisco. Contract price 15½¢ per square foot.

RICHMOND, CONTRA COSTA CO., CAL.—Sub-main sewer. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, Clinch, Richmond. Contract price not stated.

SAN JOSE, SANTA CLARA CO., CAL.—Street paving. Cost not stated. En-

gineer, City Engineer, San Jose. Owners, City of San Jose. Contractors, Ransome-Crummey Co., Oakland. Contract price, \$10,000. Concrete gutters on same job awarded to Federal Construction Co., S. F. Contract price \$11,000.

SACRAMENTO, CAL.—Street paving. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractors, Clark-Henry Construction Co., Sacramento. Contract price not stated.

HOOD RIVER, ORE.—Head works and intake, \$19,160. Engineer's name not given. Owners, East Fork Irrigation District. Contractors, Andras & Bids (North Construction Co.), Lewis Bldg., Portland. Contract price, \$19,160.

STORES AND OFFICES.

SAN FRANCISCO—Stores and theatre, 1 story, mezzanine and base, brick and steel, \$70,000. Architects, Reid Bros., California Pacific Bldg., S. F. Owner, J. R. Hamifey. The building will be erected at the northwest corner of Fillmore and Eddy streets and will cover a large ground area. There will be several stores and a motion picture theatre. Foundation and steel will be heavy enough to carry additional stories. Interior of the building will be finished in pine with some ornamental plaster in the theatre. Patent store fronts are specified. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Stores and offices, 2 story and base, brick, \$16,000. Architect, L. F. Condrajian, Fresno. Owner, V. S. Kooshyuan. The building will be erected on I street between Kern and Inyo, and will replace the building recently destroyed by fire. The structure will have a frontage of 50 feet and a depth of 140 feet. There will be two stores on the first floor and a number of modern offices on the upper floor. Interior finish will be of pine. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are complete and a contract will be let at once.

RICHMOND, CONTRA COSTA CO., CAL.—Stores, 1 story and base, brick, \$10,000. Architect, James T. Narbett, Richmond. Owner, Edward Olds. The building will be erected on the corner of 7th and Macdonald avenue, covering an area of 50 by 120 feet. There will be two stores. Interiors will be finished in pine and redwood. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

PORTLAND, ORE.—Stores and apartments, 2 story and base, brick. Cost not stated. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner's name withheld. The building will be erected at the corner of Broadway and Larrabee streets. There will be stores on the first floor. Upper floor will be arranged for modern apartments of two rooms each. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Stores and offices, 2 story and base, brick, \$25,000. Architects, Houghtaling & Dougan,

Henry Bldg., Portland. Owner, Rodney L. Gilson. The building will be erected at the corner of 11th and Couch streets, covering an area of 100 feet square. There will be several stores on the first floor and a number of modern offices on the upper floor. Interior will be finished in pine with some hardwood. Marble and tile will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

INCORPORATIONS.

Bear Manufacturing Company. To deal in hardware, machinery, tools. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$30. Place of business, San Francisco. Directors—H. M. Jensen, O. E. Bartlett, H. D. Swenson, 10 shares each.

Centerville Water Company. To do a public utility water corporation business. Capital Stock, \$35,000; 3500 \$30. Place of business, San Francisco. Directors—M. S. Pires, Jr., Edward Salz and M. H. Salz, 1 share each.

Sierra Pacific Company. To construct and erect buildings and deal in real estate. Capital Stock, \$200,000; 200,000 shares at \$1 each; amount subscribed, \$1000. Place of business, San Francisco. Directors—J. F. Reid, J. A. Keogh, F. Boyes, R. N. Walsh and H. L. Ostrander, 200 shares each.

Thermo-Chemical Appliance Co. To deal in real estate, mines, oil, quarries and mineral rights. Capital Stock, \$100,000; 100,000 share at \$1.00 each; amount subscribed, \$25. Place of business, San Francisco. Directors—G. H. Brown, S. Nathan, F. A. Nasse, H. Carney, J. Fealy, 5 shares each.

Chas. Joseph & Co. To deal in real estate. Capital Stock, \$10,000; 10,000 shares at \$1.00 each; amount subscribed, \$3.00. Place of business, San Francisco. Director—Jas. P. Sweeney, C. W. Kelly and C. A. Russell, 1 share each.

Calso Company. To deal in real estate. Capital Stock, \$250,000; 25,000 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—E. J. McCauley, D. T. Dailey and J. T. Ryan, 1 share each.

Oxford Realty Co. To deal in real estate. Capital Stock, \$10,000; 10,000 shares at \$1.00 each; amount subscribed, \$3. Place of business, San Francisco. Directors—J. Harrell, H. Goldman and B. H. Harrell, 1 share each.

The Bay Shrimp Company. To deal in shrimps, prawns and shell fish. Capital Stock, \$10,000; 10,000 shares at \$1.00 each; amount subscribed, \$5,000. Place of business, San Francisco. Directors—J. F. Delaney, 2495 shares; A. Trapani, V. Guartararo and J. J. O'Connell, 5 shares each.

Package Fruit Exchange. To deal in berries, fruits and fruit products. Capital Stock, \$75,000; 750 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—A. Strakian, F. L. Guereña, J. H. Riordan, R. Benjamin and R. W. Harrison, 1 share each.

Bainly-Fisk Company. General farming business. Capital Stock, \$75,000; 75,000 share at \$1 each; amount subscribed, \$30. Place of business, San Francisco. Directors—E. J. Solinsky, E. A. Potter and C. S. Morbio, 1 share each.

PROPOSALS

Bids Wanted

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Thursday, October 29, 1914, For Moving and Resetting the Maritime Building, The Bathhouse and The Storehouse, Etc., Fort Point Life Saving Station, in accordance with plans and specifications on file in the office of the Director of Works. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the works may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief Construction, Room 211, Service Building. (*)

PROPOSALS FOR RECLAMATION WORK.

EARTHWORK AND STRUCTURES—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at Provo, Utah, until 2 o'clock p. m. November 16, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 334,000 cubic yards of excavation, 2,300 cubic yards of excavation for structures, 3,500 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel complete with concrete lining, laying approximately 1,700 feet of pipe of miscellaneous sizes; also 1,400 feet of backfilling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service near the mouth of Spanish Fork Canyon to Station 700 plus 00, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSALS FOR REFRIGERATING PLANT.

REFRIGERATING PLANT—Sealed proposals under "Proposals for Refrigerating Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 21, 1914, and then and there publicly opened, for furnishing and installing a refrigerating plant, complete, with all accessories at the marine barracks reservation, U. S. Navy Yard, Mare Island, Cal. Plan and specifications may be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on November 9, 1914, at which time they will be publicly opened and read

for construction in accordance with the specifications, therefore, to which special reference is made, portions of State highway as follows:

Colusa County from Williams to Colusa (111-Col-15-A), about 8.4 miles in length, to be built of Portland cement concrete.

Glenn County from the southerly boundary to Willows (111-Gle-7-A), about 8.5 miles in length, to be built of Portland cement concrete.

Solano County from a point 2 1/2 miles south of Cordelia to Fairfield (111-Sol-7-B), about 8.1 miles in length, to be built of Portland cement concrete.

Imperial County from Coyote Wells to Dixieland (VII-Imp-12-B), about 11.7 miles in length, to be built of Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. ELANET,
NEWELL D. DARLINGTON,
CHARLES STERN,
California Highway Commission.

AUSTIN B. FLETCHER,
Highway Engineer.
CHARLES C. CARLETON,
Acting Secretary. (*)

Dated: October 6, 1914.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 871—Office of the General Purchasing Office, Panama Canal, Washington, D. C.—Sealed proposals will be received here until October 31, 1914, under circular 871 for furnishing Electrical Material, Pipes, Sheet Copper, Steam Suction and Water Hose, Wire, Nails, Aluminum Paint, Lampblack in Oil, White Lead in Oil, Chloride of Lime, Lard Oil, Linsseed Oil, Burnt Sienna, Liquid Coal Tar, Turpentine, Imitation Damar Varnish, Rubbing Varnish, White Dry Zinc, White Zinc in Oil, Copper Tacks, Sheet Zinc, Round Steel and Steel Angles. For further information address F. B. ROGGS, major, corps of engineers, U. S. Army, general purchasing officer.

PROPOSALS FOR CANAL WORK.

"CANAL WORK—Department" of the Interior, United States Reclamation Service, Washington, D. C.—Sealed bids will be received at the office of the United States Reclamation Service at Provo, Utah, until November 15, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 334,000 cubic yards of canal excavation, 2,300 cubic yards of excavation for structures, 3,500 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel, complete with concrete lining, laying approximately 1,700 feet of pipe of miscellaneous sizes; also 1,400 cubic yards of back-filling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service, near the

mouth of Spanish Fork Canyon, to Station 700 plus 00, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. October 31, 1914, and then and there publicly opened, for five temporary one-story wooden ward pavilions at the naval hospital reservation, Mare Island, Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M. Tuesday, November 2nd, 1914, for Iron Steel Launchway and Pender Piles and Walk Fort Point Life-Saving Station, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract, the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and filling to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

COPARTNERSHIPS.

Mary E. Rowley as California Fruit News.

F. A. Ritzmiller, R. P. Duff as P. Duff & Sons.

RELEASE OF BUILDING CONTRACT.

Oct. 28, 1914—S. IRVING 75 W 5th Ave. F. Crothers with M. Widrin

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, George F. Cleese, 524 27th avenue, S. F. The dwelling will be erected on the west side of 15th avenue south of Anza street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room and dining room. There will be furnace heat and open fire places. Mantels will be of tile. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two house will be erected on the east side of 20th avenue north of California street, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and elm veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

GOVERNMENT WORK—Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Capt. Geary, Quartermaster at Fort Winfield Scott, will shortly open bids for repairs to the Torpedo wharf at Fort Winfield Scott. Bids will be called for by the Constructing Quartermaster at Fort Mason for dredging around Transport docks. Surveys and preliminary plans are being prepared in the office of the Constructing Quartermaster at Fort Mason for a tunnel to connect Fort Baker and Fort Berry, located in back of Sausalito, Marin County. The proposed tunnel will be 2,100 feet long and will contain a single track. Included in the project is two miles of railroad. Bids will not be called for some time. Plans are also being completed in the same office for an ornamental iron gate at the Laguna street entrance to the Transport docks. The gate will have concrete posts and arches.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner M. Fauth, 29 Alma street, S. F. The dwelling has been designed for a seven-room house with bath and will be erected on the west side of 21st avenue near Fulton street. Pine, redwood and elm interior trim will be used. Hardwood floors are

specified in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. A brick veneer base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owners, Oscar Heyman & Bro, 742 Market street, S. F. The dwelling will be erected on the east side of 23rd avenue north of Irving street and has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

MOVING LIFE SAVING STATION—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on October 29th for moving the main station building, the boathouse and storehouse of the United States Life Saving Station, known as the Fort Point Life Saving Station, to another location of the Exposition Grounds. Plans and complete information can be secured from the Director of Works. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 and 4 story and base. Class A construction, \$160,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Marine View Terrace Community Co. Details of plans which will result in the construction of one of the finest apartment houses yet erected in San Francisco are now being worked out. The property on which the building is to be erected is located at the southeast corner of Green and Taylor streets, covering an entire fifty vara lot and commanding one of the finest views of the entire city and bay. The scheme is to be carried out on the community plan, each occupant owning his or her apartment. The proposed building will be of fireproof construction with reinforced concrete walls, floors and roof, and soundproof partitions. All rooms will be outside rooms. Suites will consist of from five to nine rooms, and will include servants' quarters, roof gardens and garage space. Interiors will be finished in pine and hardwoods with hardwood floors throughout. Bath rooms will be finished in tile and equipped with special fixtures. Marble and tile will be used in the entrances. Nearly all

apartments will have private entrances, private roof gardens and balconies. Provision will be made for housing the heating and hot water equipment in a separate building. Open fire places will be installed in all apartments. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LAUNCHWAY AND FENDER PILES—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on November 2nd for constructing an iron and steel launchway, fender piles and walk at the new location of the Fort Point Life Saving Station. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

STATE EXHIBIT BUILDING—1 and 2 story, frame and plaster, \$20,000. San Francisco. Architects, Averstreet, Spencer & Pain, Jackson, Miss. Owners, State of Mississippi. Plans are complete and out for figures for the one and two story building which will house the official representatives and displays of the State of Mississippi at the Panama-Pacific International Exposition. Plans can be secured from the office of the Director of Works. Bids will be opened in the offices of the architects in Jackson, Miss.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$35,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner, A. Pome. The building will be erected on the south side of Turk street east of Polk, and has been designed to contain in the neighborhood of 35 suites of two and three rooms. Interiors will be finished in pine and hardwood veneer. All suites will have private bath rooms and wall beds. Plans provide for steam heat, a hot water supply and automatic elevator. Bath rooms will have tile wainscot and floors. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster. Plans are complete and segmented figures are now being taken.

APARTMENT HOUSE—4 story and base, brick and steel, \$40,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Kiernan & O'Brien. The building will be erected on the east side of Mason street south of Sutter, covering an area of 35 by 62½ feet. Interior will be arranged for a number of two and three room suites with private baths. Interior finish will be of pine and hardwoods. Hardwood floors will be used in the halls and living rooms. There will be steam heat, hot water supply, elevator service and a vacuum cleaning system. Tile wainscot and composition floors will be used in the bath rooms. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

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FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, none. Owner, Bert T. Owsley, 311 Sharon Bldg., S. F. The building will be erected on the west side of Clayton street south of Hayes, having a frontage of 25 feet and a depth of 70 feet. There will be three flats of five and six rooms, with space for private garage in the basement. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Automatic water heaters will be installed. Exterior of the house will be covered with rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

FLATS—2 story and base, frame, \$6,700. San Francisco. Architect, none. Owner, W. W. Rednall, 2500 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker, covering an area of 26 by 60 feet and has been designed to contain two modern flats of five and six rooms. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places in the living rooms. Mantels will be of tile or brick. Bath rooms will have tile wainscot. Entrance will be finished in marble. Exterior of the building will be covered with red stock brick veneer and cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owners, L. H. and H. R. Kage. The building will be erected on the west side of Howard street north of Adair, having a frontage of 30 feet and a depth of 65½ feet. There will be two flats of six rooms each. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile mantels. Tile and marble will be used in the entrances. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

LIBRARY—2 story and base, reinforced concrete or brick and steel, \$60,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Architect Lansburgh has been selected to prepare plans for the Mission Branch Library, and is now engaged on the working drawings. The building will be of fireproof construction and will contain besides the usual reading rooms, a children's department. Interior will be finished in pine and hardwood with metal trim and metal book stacks. Plans include a

central heating system, probably steam heat, vacuum cleaning and modern plumbing. The design will be in the classic style. Exterior will be faced with either pressed brick or cement plaster. Further mention will be made of the work.

STORES AND THEATRE—1 story, mezzanine and base, brick and steel, \$70,000. San Francisco. Architects, Reid Bros., California Pacific Bldg., S. F. Owner, J. R. Hamifey. The building will be erected at the northwest corner of Fillmore and Eddy streets and will cover a large ground area. There will be several stores and a motion picture theatre. Foundation and steel will be heavy enough to carry additional stories. Interior of the building will be finished in pine with some ornamental plaster in the theatre. Patent store fronts are specified. Exterior will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

GARAGE AND STORES—2 story and base, reinforced concrete, \$70,000. San Francisco. Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, A. H. Martin. The building will be erected on the west side of Van Ness avenue between California and Sacramento, having a frontage of 93 feet and a depth of 159 feet. There will be a large commercial garage and sales rooms on the first floor. Upper floor will be arranged for offices and shipping department. Interior finish will be of pine and hardwood. There will be a tile floor and marble wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken. A contract will be awarded within a few days.

Contracts Awarded.

DISPLAY BOOTH—\$9,000. San Francisco. Architects, Ward & Rohme, Alaska Commercial Bldg., S. F. Owners, M. A. Gunst Co. Contractors Baccus Bros., S. F. Contract price, \$9,000.

MOVING INCINERATOR—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractor, Mart Jacobs. Contract price, \$850.

SCHOOL HEATING AND ELECTRIC WORK—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Butte Electric and Engineering Co., electric work Academic Building, \$16,490; Scott Co., heating and ventilating, same building, \$8,260.

HOSPITAL ALTERATION AND ADDITIONS—1 story and brick. Cost not stated. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Mary's Help Hospital. Contractor, John Hughes. Contract price not stated. This work will consist of installing a new children's ward.

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New Bids Called On Big Tunnel.

Board of Works Takes Action on Twin Peaks Work, Rejecting Bid of Hans Pederson at Monday Meeting.

The Board of Public Works, at a meeting held Monday afternoon, rejected the bid of Hans Pederson of Seattle for the construction of the Twin Peaks Tunnel. The Daily Pacific Builder published the fact that this action would be taken on Monday morning and was the only San Francisco paper giving its readers this important news, all other dailies claiming that a satisfactory contract would be entered into with Hans Pederson by the Board of Public Works.

Mr. Pederson submitted the only bid for the big contract on September 30th for \$3,475,300. The work will be re-advertised and new bids will be opened on October 28th.

In rejecting the bid and calling for new figures the Board of Public Works is acting on an opinion of the City Attorney that the bid submitted by Hans Pederson was irregular and therefore a valid contract could not be entered into. The Board of Works has assurance from several reliable contracting firms that they will submit figures for the Twin Peaks Tunnel on October 28th.

The City Attorney's opinion is based on Section 16, Chapter 1, Article 6 of the Charter which, in part is as follows: "All proposals shall be made upon printed forms to be prepared by

the Board of Public Works, and furnished gratuitously upon application to the Board of Public Works, all bids shall be clearly and distinctly written without any erasures or interlineations, and if any bid shall contain an erasure or interlineation it shall not be received or considered by the Board of Public Works. Any contract made in violation of any of the foregoing provisions, and in case of improvements of streets, any assessment for the work done under such contract shall be absolutely void."

Local Firm And Two Others Bid.

Board of Public Works Will Receive at Least Three Figures for Twin Peaks Tunnel Work.

The Board of Public Works has assurance from three contracting firms that they will submit figures at Wednesday's meeting of the Board on the Twin Peaks Tunnel. One Chicago firm, that has had its estimate prepared for some time and would have submitted a figure at the previous opening of bids had financial conditions at the time permitted, will have a figure ready Wednesday. Hans Pederson, the only bidder for the work previously, will submit a new figure. A San Francisco firm will also be ready with a figure.

Some criticism has been made that the time for figuring the work has not been long enough. The Board of Works states that specifications have been in circulation for the past five months and that copies of the same have been on file with the leading engineering publications throughout the country. The Board takes the stand that with specifications on file in so many places and for a period of five months that ample time has been allowed for all interested firms to prepare an estimate.

City Bids Opened

Bids For Work at the Academic Building Opened and Bids Postponed For Plaster Work at City Hall.

Bids were opened at the Wednesday afternoon session of the Board of Public Works for several important jobs of street and sewer work besides on the following building enterprises: Electric work on the Academic Building, Polytechnic High School, completion of the heating and ventilating in the same building; furnishing generator sets in the Central Fire Alarm Station; furnishing gasoline generator engine for the same building, and for track special work on the Municipal Railroads. The opening date for bids on the ornamental plaster work and composition plaster work in the new City Hall was postponed until next Wednesday, October 28th. A complete list of the figures received follow:

Electric Work, Academic Building.
Pacific Fire Extinguisher Co., \$17,249.
P. Decker 18,529
H. S. Tittle 17,328
Butte Eng. & Elec. Co., 16,490
Turner Elec. Co., 18,775
Standard Elec. Co., 17,474
McGee, McKinney & Co., 16,500

Heating and Ventilating, Academic Building.

Pacific Fire Extinguisher Co., \$ 2,399.
Victor Engineering Co., 11,388
Wittman, Lyman Co., 8,900
The Turner Co., 2,750
H. Lawson 8,967
Kernan & O'Brien 10,465
F. J. Walsh 8,800
J. E. O'Mara 9,111
Scott Company 8,260

Motor Generator Sets, Central Fire Alarm Station.

Fairbanks-Morse Co. (a) \$742; (b) \$487; (c) \$490.
Westinghouse Mfg. Co. (a) \$745.75; (b) \$378; (c) \$188.
Allis Chalmers Co. (a) \$895.50; (b) \$517; (c) \$265.80.
General Electric Co. (a) \$916.15; (b) \$485.90; (c) \$270.80.
Crockier, Wheeler Co. (a) \$695.50; (b) \$428.25; (c) \$168.25.

Gasoline Generator, Central Fire Alarm Station.

Butte Eng. & Elec. Co., \$2,065.00
Fairbanks, Morse Co., 1,745.00
General Electric Co., 2,568.30
Union Gas Engine Co., 1,889.50
Furnishing Track Special Work.
Pennsylvania Steel Co., \$3,375
United States Steel Products, 6,161

FIRE ESCAPES FOR CITY SCHOOLS.

The Board of Public Works has requested the Supervisors that they authorize the preparation of plans and specifications for the installation of metallic fire escapes on six school buildings throughout the city. The estimated cost of the work being \$12,000 or \$2,000 for each school building on which the escapes will be placed.

The schools which will be equipped with escapes are the Lagunda Honda, Sherman, Emerson, Dudley Stone, Rochambeau and the Grant School.

DR. JORDAN TO LECTURE ON RED LIGHT ABATEMENT ACT.

Among the many amendments to be voted on November 3rd is the Red Light Abatement Act.

David Starr Jordan, Chancellor of the Stanford University, will discuss this subject tonight in Central Methodist Church, Leavenworth and O'Farrell streets.

Dr. Jordan has studied this problem both in the United States and in Europe, so he ought to know what he is talking about. A large audience should greet him.

Admission free. No collection.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
3493	Stevens	Lomcono	6600
3494	Hicks	Manseau	3586
3495	S. F. Comm'l	Emanuel	4300
3496	Kane	McMullan	4750
3497	Carriek	Anderson	100
3498	Keenan	Keenan	3000
3499	Keenan	Keenan	3000
3500	Oxford	Callaghan	1000
3501	Fauth	Fauth	2000
3502	St. Ignatius	Dutton	450
3503	Hind	Braunton	1000
3504	Hooper	Hooper	3500
3505	Elliot	Elliot	100
3506	Cleese	Cleese	2850
3507	Curtis	Gline	400
3508	Raphael	Sturges	100
3509	Fuller	Kinnam	1945
3510	Flynn	Barrett	1793
3511	Pacific G. & E.	W'n Iron	11243
3512	Netherlands	McCell	1750
3513	Seattle Brewg.	Warwick	6222

3514	Harburger	Bell	588
3515	Anderson	Anderson	10000
3516	John	John	200
3517	Knoch	Hanson	4500
3518	Grove	Boch	1790
3519	Turner	McLeran	100
3520	North Dakota	Strehlow	15000
3521	Heyman	Crothers	3800
3522	Heyman	Heyman	1750
3523	Fluck	Fluck	100
3524	Pacific Bldg.	Jackson	450
3525	Horstmyer	Horstmyer	600
3526	Goette	Goette	2000
3527	Bjorkman	Bjorkman	2700
3528	Biggs	Biggs	400
3529	Coleman	Chase	650
3530	Cesta	Cesta	400
3531	Sakamoto	Barnett	1000
3532	Heyman	Heyman	2450
3533	Higgins	Hoss	1583
3534	Widlin	Crothers	3800
3535	Gruel	Baeues	8300
3536	New Zealand	Dunnivant	17000
3537	Tyman	Dieselkamp	450
3538	Krohn	Krohn	500
3539	Portland	Montgomery	1000
3540	Larsen	Larsen	1000
3541	Kottenger	Moore	400
3542	Owsley	Owsley	7000
3543	Guerrero Rlty	Nelson	2800
3544	Redman	Redman	6000
3545	Eddington	Smith	500
3546	Oregon	Turner	3500
3547	P. I. E.	Roberts	14275
3548	Same	Crouch	26500
3549	Lynch	Niedek	8196
3550	Holt	Lange	8200
3551	Rossi	Carrao	3760
3552	Rossi	Capurro	4326
3553	Sullivan	Roberts	2000
3554	Wallace	Pegel	2800
3555	Portel	Timber	3000
3556	Raymond	Ufer	4877
3557	Story	Roberts	1500
3558	McKenzie	Prout	400
3559	Kenny	Kenny	1000
3560	Quigley	Barnes	1200
3561	O'Brien	Crouch	2500
3562	Kahn	Leiter	1600
3563	Jones	Tarbit	1000
3564	Hendrikson	Krohn	2100
3565	McKenzie	Prout	400
3566	McKenzie	Grahn	2100
3567	Doyle	Thorup	2750
3568	McKevitt	McKevitt	4000
3569	Dollin	Roberts	1800
3570	Fitzgerald	Hamill	3000
3571	Millas	Hanson	1450
3572	Chranning	Mager	6138
3573	Chranning	Hooper	3250
3574	Smuelson	Landberg	2500
3575	Kinslow	Atlas	1450
3576	Briarl	Briarl	5000
3577	S. P. Co.	American Mbl	14823
3578	Same	Same	519
3579	Vollmer	Walters	1825
3580	P. I. E.	Plummer Mfg	7542

ALTERATIONS AND ADDITIONS

(3493) NOS. 1155 TO 1165 VALENCIA E side between 22nd and 23rd. All work for alterations and additions to make three-story frame stores and apartments.

Owner, Harriet M. Stevens.
Architect, Henry C. Smith, Humboldt Bank Bldg., S. P.
Contractor, T. Lomcono and Henry C. Smith.

Filed Oct. 19, '14. Dated Oct. 16, '14.
Rough studding up..... \$1000
Brown coated and rough plumb-
ing in 1000
Standing finish completed..... 1000
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, \$6000

Bond, \$3000. Surety, United States Fidelity & Guaranty Co. Limit, 90 days after Oct. 17. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(3491) E THIRTY-EIGHTH AVE 115 N Cabrillo (C) N 25x E 120. All work except shades, mantels and gas fixtures for two-story frame residence.
Owner, Alonzo A. Hicks, 125-131 Carl, San Francisco.

Architect, None.
Contractor, Edw. E. Manseau, 127 35th Ave, San Francisco.

Filed Oct. 19, '14. Dated Oct. 17, '14.
Frame up \$ 778

Brown coated 778
 Completed and accepted 780
 Usual 35 days 1250
TOTAL COST, \$3586
 Bond, none. Limit, 90 days. Forfeit,
 \$1. Plans and specifications filed.

CLUB ROOMS

(3495) THE MERCHANTS' EXCHANGE
 Building. Cabinet work, except in
 main dining room, lounge room,
 reading room and domino for new
 quarters.

Owner.....The San Francisco Com-
 mercial Club.
 Architect...W. H. Ratcliff, Jr., 1st Na-
 tional Bank Bldg., Bkly.
 Contractor...L. & E. Emanuel, Inc., 144
 12th, San Francisco.

Filed Oct. 19, '14. Dated Oct. 2, '14.
 Payments monthly of 75%
 Usual 35 days 25%
TOTAL COST, \$4300

Bond, \$2200. Sureties, Maurice Green-
 berg and Walter White. Limit, 60 days
 Forfeit, \$15. Specifications only filed.

ALTERATIONS

(3496) SW O'FARRELL AND JONES.
 Wrecking of all walls, excavation,
 new concrete and side walk doors for
 remodeling and excavation of side-
 walk and doors.

Owner.....J. M. Kane and W. J. Yore.
 Architect...O. R. Thayer, 20 Mont-
 gomery, San Francisco.
 Contractor...McMullin-von Voorhies Co.
 Filed Oct. 19, '14. Dated Oct. 15, '14.
 Completed and accepted \$475
TOTAL COST, \$475

Bond, none. Limit, 25 days. Forfeit,
 none. Plans and specifications filed.

REPAIRS

(3497) NO. 70 OAK. Repair garage.
 Owner.....J. R. Carriek.
 Architect...None.
 Contractor...G. Anderson.
COST, \$400

FRAME DWELLING

(3498) E TWENTIETH AVE 47-6 N
 California. Two-story and basement
 frame dwelling.

Owner.....C. J. and W. J. Keenan,
 Hayes and Central Ave.,
 San Francisco.

Architect...None.
 Day's work. **COST, \$3000**

FRAME DWELLING

(3499) E TWENTIETH AVE 25 N
 California. Two-story and basement
 frame dwelling.

Owner.....C. J. and W. J. Keenan,
 Hayes and Central Ave.,
 San Francisco.

Architect...None.
 Day's work. **COST, \$3000**

REPAIR DWELLING

(3500) NO. 156 DELMAR. Repair
 dwelling.

Owner.....W. A. Oxford, 2419 Pol-
 som, San Francisco.
 Architect...None.
 Contractor...Callaghan Bros., 900 Clay-
 ton, San Francisco.
COST, \$1000

FRAME DWELLING

(3501) W TWENTY-FIRST AVE 160
 N Fulton. Two-story and basement
 frame dwelling.

Owner.....M. Fauth, 29 Alma, S. F.
 Architect...None.
 Day's work. **COST, \$3000**

ADDITION

(3502) NO. 416 POTRERO AVE. Add
 to building.

Owner.....St. Ignatius Training Co.
 Premises.
 Architect...None.
 Contractor...J. J. Dutton, 904 O'Farrell,
 San Francisco.

COST, \$450

ALTERATIONS

(3503) S HALL LICK 77 W Front. Lay
 floor and erect partition.

Owner.....Hind Estate Co.
 Architect...John Reid Jr., 1st National
 Bank Bldg., S. F.
 Contractor...Harold Brauntun, 185
 Stevenson, San Francisco.
COST, \$1000

FRAME FLATS

(3504) S CLEMENT 32-6 W 16th Ave.,
 Two-story and basement frame (2)
 flats.

Owner.....Annie E. Hooper, 766 5th
 Ave., San Francisco.
 Architect...None.
 Contractor...B. J. Hooper, 766 5th Ave.,
 San Francisco.

COST, \$3250

FRAME DWELLING

(3505) E FORTY-FIRST AVE 98-8 N
 Balboa. Two-story and basement
 frame dwelling.

Owner.....Ernest W. Elliot, 155 Alma
 San Francisco.
 Architect...None.
 Day's work. **COST, \$2750**

FRAME DWELLING

(3506) W FIFTEENTH AVE 250 S
 Anza. Two-story and basement
 frame dwelling.

Owner.....Geo. F. Cleese, 524 27th
 Ave., San Francisco.
 Architect...None.
 Day's work. **COST, \$2850**

DWELLING

(3507) NO. 2506 UNION. Repair dwlg.
 Owner.....Marvin Curtis, Premises.
 Architect...None.
 Contractor...Gleine & Drew, 116 Bat-
 tery, San Francisco.

COST, \$400

ADDITION

(3508) NO. 33 FIFTH AVE. Add to
 present building.

Owner.....Sam Raphael, Premises.
 Architect...None.
 Contractor...B. Sturges, 3931 Geary,
 San Francisco.

COST, \$400

FRAME RESIDENCE

(3509) N VALEJO 73 E Fillmore E
 32xN 137-6. Plumbing and gas fit-
 ting for three-story and basement
 frame residence.

Owner.....George P. Fuller, 2250 Val-
 lejo, San Francisco.
 Architect...Ward & Blohme, Alaska
 Commercial Bldg., S. F.
 Contractor...Frank J. Klimm, 221 Oak,
 San Francisco.

Filed Oct. 20, '14. Dated Oct. 15, '14.
 Roughing completed \$729.38
 Completed and accepted 729.37
 36 days after 486.25
TOTAL COST, \$1945.00

Bond, \$972.50. Surety, Pacific Coast
 Casualty Co. Limit, rapidly as pos-
 sible. Forfeit, none. Plans and spec-
 ifications filed.

FRAME RESIDENCE

(3510) W TWENTY-SIXTH AVE 100
 — Anza S 20xW 90. Carpenter and

mill work, lath, plaster, painting,
 concrete and grading, etc., for one
 and one-half-story frame residence.
 Owner.....Maurice J. Flynn and
 Michael Flynn, 2264 Anza,
 San Francisco.

Architect...None.
 Contractor...Michael F. Barratt or Bar-
 rett, 46 Tomasa, S. F.

Filed Oct. 20, '14. Dated Sept. 11, '14.
 Frame up \$448.25
 Brown coated 448.25
 Completed and accepted 448.25
 Usual 35 days 448.25
TOTAL COST, \$1793.00

Bond, none. Limit, 60 days. Forfeit,
 none. Plans and specifications filed.

NOTE:—1st report Oct. 2; No. 3316.

GENERATOR BUILDING

(3511) W DELAWARE 166 N Hum-
 boldt N 70xW 200 m or l. Steel
 checker plate floor and all support-
 ing structural steel for generator
 building.

Owner.....Pacific Gas & Electric Co.,
 445 Sutter, San Francisco.
 Architect...None.
 Contractor...Western Iron Works, 141
 Beale, San Francisco.

Filed Oct. 20, '14. Dated Oct. 14, '14.
 On completion 75%
 Usual 35 days 25%
TOTAL COST, \$11,243

Bond, \$5650. Surety, The Aetna Ac-
 cident & Liability Co. Limit, 70 days.
 Forfeit, none. Plans and specifications
 filed.

NETHERLANDS BUILDING

(3512) EXPOSITION SITE. Electric
 wiring for the Netherlands Building.

Owner.....Central Commission of The
 Netherlands Panama-Pacifi-
 c International Exposition.

Architect...Ward & Blohme, Alaska-
 Commercial Bldg., S. F.
 Contractor...McFell Electric Co., Mer-
 chants' Exchange Bldg.,
 San Francisco.

Filed Oct. 20, '14. Dated Oct. 15, '14.
 Wiring completed \$900.00
 Completed and accepted 412.50
 36 days after 437.50
TOTAL COST, \$1750.00

Bond, \$875. Surety, Massachusetts
 Bonding & Insurance Co. Limit, as fast
 as possible. Forfeit, none. Plans and
 specifications filed.

EXHIBIT BUILDING

(3513) EXPOSITION SITE. All work
 for exhibit building in Palace of
 Food Products.

Owner.....The Seattle Brewing &
 Malting Co., Bryant and
 Alameda, S. F.

Architect...Leo J. Devlin, Pacific Bldg
 San Francisco.
 Contractor...H. C. Warwick, Hearst
 Bldg., San Francisco.

Filed Oct. 20, '14. Dated Oct. 19, '14.
 On 1st and 15th of each month 75%
 Usual 35 days 25%
TOTAL COST, \$6222

Bond, none. Limit, 70 days. Forfeit,
 none. Plans and specifications filed.

FRAME APARTMENTS

(3514) E JOICE 109 S Sacramento 28-6
 x69-6 with L 2x9-6. All work for
 two-story and basement frame
 apartments.

Owner.....S. C. Harshbarger.
 Architect...J. C. Hladik, Monadnock
 Bldg., San Francisco.

Contractor...Wm. R. Bell.
 Filed Oct. 20, '14. Dated Oct. 20, '14.

Roof on\$1847
Brown coated 1847
Completed and accepted..... 1847
Usual 35 days..... 1847
TOTAL COST, \$7388
Bond, none. Limit, 75 days. Forfeit,
Plans and specifications filed.

FRAME BUILDING
(3515) EXPOSITION SITE. Two-
story frame and plaster building
(Tehautapee Village).
Owner.....G. M. Anderson & Capt.
A. W. Lewis.
Architect...None.
Day's work. COST, \$10,000

FRAME DWELLING
(516) E NEY 150 W Camden. One-
story and basement frame dwelling
Owner.....G. Jehn, 226 Ney, S. F.
Architect...None.
Day's work. COST, \$800

BRICK LAUNDRY
(517) N EDDY 90 E Scott. Two-
story and basement brick laundry.
Owner.....Isaac Knoch, Susanville,
Lassen Co., Cal.
Architect...C. S. McNally, Mechanics'
Institute Bldg., S. F.
Contractor...J. E. Gilson, 110 Jessie,
San Francisco.
COST, \$4500

BRICK BUILDING
(518) E SCOTT, bet. Union and
Green; No. 2820 Scott. Lathing and
plastering inside and outside for
three-story and basement building.
Owner.....Mrs. W. C. Graves.
Architect...None.
Contractor...Hermann Bosch, 4420 20th,
San Francisco.
Filed Oct. 21, '14. Dated Oct. 17, '14.
Scratch coat on outside..... 25%
Brown coat on entire building. 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1790
Bond, \$900. Surety, Massachusetts
Bonding & Insurance Co. Limit, 50
days. Forfeit, \$10. Plans and spec-
ifications, none.

BRICK BUILDING
(519) N O'FARRELL \$2-6 E Powell
E 55xN 137-6. All work except gen-
eral interior and wood finish, dec-
orating modeling and plaster work
and painting for alterations and ad-
ditions to make three-story and base-
ment brick building.
Owner.....A. M. and E. F. Turel.
Architect...Ward & Blohme, Alaska-
Commercial Bldg., S. F.;
W. H. Weeks, 75 Post, S. F.
Contractor...McLeran & Peterson,
Sharon Bldg., S. F.
Filed Oct. 21, '14. Dated Oct. 8, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, Contractor to receive
% of net cost.
Bond, \$10,000. Surety, Southwestern
Surety Insurance Co. Limit, as fast as
possible. Forfeit, none. Plans and
specifications filed.

FRAME BUILDING
(520) EXPOSITION GROUNDS. All
work for two-story frame building.
Owner.....The State of North Dakota
Architect...Jos. Bell De Remer.
Contractor...Strehlow, Freese & Peter-
sen, Inc., Exposition Site,
San Francisco.
Filed Oct. 21, '14. Dated Apr. 6, '14.

1/2 completed 75%
90% completed 75%
30 days after completion.....Balance
TOTAL COST, \$15,000
Bond, \$7500. Surety, Massachusetts
Bonding & Insurance Co. Limit, 5
months. Forfeit, none. Plans and
specifications filed.

STORES AND FLATS
(3521) S IRVING 35 W 8th Ave 35x75.
All work except wall beds, electric
fixtures, mantels and china closets,
finish hardware and shades for two-
story frame stores and flats.
Owner.....M. Widrin, \$39 Irving, S. F.
Architect...None.
Contractor...F. Crothers, 1426 10th Ave.
San Francisco.
Filed Oct. 21, '14. Dated Oct. 19, '14.

Frame up\$972.50
Brown coated 972.50
Completed and accepted..... 972.50
Usual 35 days..... 972.50
TOTAL COST, \$3890.00
Bond, \$1945. Surety, Maryland Casu-
alty Co. Limit, Jan. 1, 1915. Forfeit,
none. Plans and specifications filed.

DWELLING
(3522) W FORTIETH AVE 100 S
Cabrillo. One and one-half-story
and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.
Day's work. COST, \$1750

DWELLING
(3523) E THIRTEENTH AVE 150 N
Irving. One-story and basement
frame dwelling.
Owner.....Mrs. A. Flinck, 220 Charter
Oak, San Francisco.
Architect...None.
Day's work. COST, \$400

ALTERATIONS
(3524) SW MARKET AND FOURTH.
Remove and replace sidewalk lights.
Owner.....Pacific Bldg., Co., Premises
Architect...None.
Contractor...P. H. Jackson, 237 First,
San Francisco.
COST, \$450

ALTER DWELLING
(3525) W DOUGLASS 300 N 17th.
Alter dwelling.
Owner.....C. Horstmeyer, 43 Eureka,
San Francisco.
Architect...None.
Contractor...Wm. Horstmeyer Co., 39
Eureka, San Francisco.
COST, \$600

ALTERATIONS
(3526) NO. 812-A CHURCH. Alter
and repair dwelling.
Owner.....Matilda L. Goette, Prem.
Architect...H. A. Hertensten, 311
Florida, San Francisco.
Day's work. COST, \$2000

FRAME DWELLING
(3527) N GENEVA 50 E Lisbon. Two-
story and basement frame dwelling.
Owner.....John Bjorkman, 2793 Mis-
sion, San Francisco.
Architect...None.
Day's work. COST, \$2400

ALTERATIONS
(3528) NO. 228 FIFTEENTH AVE.
Alter and repair dwelling.
Owner.....R. C. Biggs, 1385 47th Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$400

ALTER FLATS
(3529) E DIAMOND 110 N 18th. Re-
pair and alter flats.
Owner.....Anna Coleman, 62 Colling-
wood, San Francisco.
Architect...None.
Contractor...S. A. Chase, 80 Douglass,
S. F. COST, \$650

ALTERATIONS
(3530) NO. 252 LELAND AVE. Alter
store and shop.
Owner.....E. Cesta, Premises.
Architect...None.
Day's work. COST, \$400

ALTERATIONS
(3531) NW TWENTY-THIRD AND
San Jose Ave. General alterations
and repairs to laundry.
Owner.....Mr. Sakamoto, Premises.
Architect...None.
Contractor...Burnett & Co.
COST, \$2100

FRAME DWELLING
(3532) E TWENTY-THIRD AVE 100
N Irving. Two-story and basement
frame dwelling.
Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.
Day's work. COST, \$2450

FRAME FLATS
(3533) N TWENTY-SECOND 205 E
Guerrero E 25xN 114. All work ex-
cept hardware, window shades and
lighting fixtures for two-story frame
flats.
Owner.....Ann Higgins, 3358 22nd,
San Francisco.
Architect...Ernest M. Essmann, 3805
24th, San Francisco.
Contractor...D. W. Ross, 415 Frederick
San Francisco.

Filed Oct. 22, '14. Dated Oct. 19, '14.
Frame of addition up.....\$385
Additions brown coated..... 384
Completed and accepted..... 384
Usual 35 days..... 400
TOTAL COST, \$1553
Bond, \$777. Sureties, J. A. Steedman
and Wm. Ross. Limit, 40 days. For-
feit, none. Plans and specifications
filed.

FLATS AND STORES
(3534) S IRVING (i) 35 W 8th Ave
W 35xS 75 O L 680. All work ex-
cept walls beds, electric fixtures,
mantels, china closets, finish hard-
ware and shades for two-story and
basement frame flats and stores.
Owner.....M. Widrin, \$39 Irving,
San Francisco.
Designer...J. J. Oliver.
Contractor...F. Crothers, 1426 10th Ave.
San Francisco.

Filed Oct. 22, '14. Dated Oct. 22, '14.
Frame up\$972.50
Brown coated 972.50
Completed and accepted..... 972.50
Usual 35 days..... 972.50
TOTAL COST, \$3890.00
Bond, \$1945. Surety, Maryland Casu-
alty Surety Co. Limit, January 1, 1915
Forfeit, none. Plans and specifications
filed.

FRAME AND PLASTER BUILDING
(3535) EXPOSITION SITE. Two-story
frame and plaster building.
Owner.....M. A. Gunst & Co., Inc.,
California & Front, S. F.
Architect...Ward & Blohme, Alaska-
Commercial Bldg., S. F.
Contractor...Baccus Bros.
COST, \$3300

FRAME AND PLASTER BUILDING.
(3536) EXPOSITION SITE. One-story frame and plaster building.
Owner.....New Zealand.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor...Dunnivant-Houghton Van Sant, Inc., 303 Market, S. F.
COST, \$17,000

NOTE—Job is started.

ALTERATIONS
(3537) NO. 2722 GREEN. Alter attic.
Owner.....J. Tynan, Premises.
Architect...Union Iron Works, 20th & Michigan, San Francisco.
Contractor...E. Deiselkamp.
COST, \$450

FRAME DWELLING
(3538) W PACHECO 100 N Bay. One-story and basement frame dwelling.
Owner.....Fred Krohn, 262 Spreckel, San Francisco.
Architect...None.
Day's work. COST, \$300

ADDITION
(3539) NO. 1363 JACKSON. Add to dwelling.
Owner.....Mrs. McPartland, 1404 Leavenworth, S. F.
Architect...None.
Contractor...E. J. Montgomery, 1318 Broadway, San Francisco.
COST, \$1000

FRAME DWELLING
(3540) NW DELANO 266 SW Santa Ynez. One-story and basement frame dwelling.
Owner.....Axl R. Larsen, 252 Dolores, San Francisco.
Architect...None.
Day's work. COST, \$1000

ALTERATIONS
(3541) NO. 213 EVANS AVE. Concrete floor and minor changes.
Owner.....C. M. Kottenger.
Architect...None.
Contractor...C. P. Moore Bldg. Co., 212 Sharon Bldg., S. F.
COST, \$400

FRAME FLATS
(3542) W CLAYTON 75 S Hayes. Three-story and basement frame (3) flats.
Owner.....B. T. Owsley, 311 Sharon Bldg., San Francisco.
Architect...None.
Day's work. COST, \$7000

FRAME DWELLING
(3543) SW DOUGLASS AND 22ND. Two-story and basement frame dwlg.
Owner.....Guerrero Realty Co., 2165 Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 244 Rivoli, San Francisco.
COST, \$2800

FRAME FLATS
(3544) S UNION 187-10 W Baker. Two-story and basement frame (2) flats.
Owner.....W. V. Rednall, 2560 Filbert, San Francisco.
Architect...None.
Day's work. COST, \$6700

ALTERATIONS
(3545) NO. 654 JACKSON. Enclose entrance (using 60 feet of T. & G.)
Owner.....K. Eddington, Premises.
Architect...None.

Contractor...Robert Smith, 513 Pacific, San Francisco.
COST, \$500

PLUMBING AND ELECTRIC WIRING
(3546) EXPOSITION SITE. Plumbing and electrical wiring for Oregon State Building.
Owner.....The State of Oregon.
Architect...Foulkes & Hogue (associated).
Contractor...Poster-Vogt Co., Sharon Bldg., San Francisco.
Sub-Contractor...The Turner Co., 278 Natoma, San Francisco.
Filed Oct. 23, '14. Dated Oct. 6, '14.
Progressive payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3500
Bond, \$1750. Surety, The Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications filed.

(Correction in Cost.)
LIGHTING FIXTURES
(3547) BLOCK BDED BY GROVE. Larkin, Hayes and Polk. Lighting fixtures for Exposition Auditorium Building.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...Jno. G. Howard, Frederick H. Meyers, Jno. Reid, Jr., 604 Mission, San Francisco.
Contractor...Roberts Mfg. Co., 663 Mission, San Francisco.
Filed Oct. 23, '14. Dated Sept. 19, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$14,275
Bond, \$8000. Surety, The Aetna Accident & Liability Co. Limit, Jan. 1, 1915. Forfeit, \$25. Plans and specifications filed.

GARBAGE DISPOSAL PLANT
(3548) EXPOSITION SITE. All work for garbage disposal plant.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor...C. D. Crouch.
Filed Oct. 23, '14. Dated Oct. 16, '14.
Plant ready to operate.....\$15,000
60 days thereafter..... 5,000
Balance in progressive payments during exposition period..... 6,500
TOTAL COST, \$26,500
Bond, \$15,000. Surety, United States Fidelity & Guaranty Co. Limit, 120 days. Forfeit, plans and specifications none.

FRAME FLATS
(3549) S SEVENTEENTH 33 E Guerrero E 25X8 90. Carpenter, mill, lath, plaster, grading, concrete, roofing, glass, glazing, brick work, etc. for three-story and basement frame flats.
Owner.....Jeremiah and Julia Lynch, 16th and Howard, S. F.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor...Frank Niedick, 110 Jessie, San Francisco.
Filed Oct. 23, '14. Dated Oct. 19, '14.
Frame up to 2nd floor.....\$1162
Roof on and building enclosed. 1162
Brown coated 1162
Completed and accepted..... 1161
Usual 35 days..... 1550
TOTAL COST, \$6200
Bond, \$3100. Sureties, Chas. J. McDonnell and Jas. Brennan. Limit, 90 days. Forfeit, none. Plans and specifications filed.

EXHIBIT BUILDING
(3550) EXPOSITION SITE. All work for erection of exhibit building.
Owner.....Holt Mfg. Co., Balboa Bldg., San Francisco.
Architect...L. B. Dutton, Chronicle Bldg., San Francisco.
Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.
Filed Oct. 23, '14. Dated Oct. 23, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$8196
Bond, \$4098. Surety, Aetna Accident Liability Co. Limit, Dec. 23. Forfeit, \$25. Plans and specifications filed.

FRAME STORE AND FLATS
(3551) SE FOLSOM 275 SW Seventh. Two-story frame store and flat.
Owner.....F. Rossi, 882 Dolores, S. F.
Architect...None.
Contractor...G. Carraro, 750 Felton, San Francisco.
COST, \$3700

FRAME FLATS
(3552) E WHITE 62-6 N Vallejo. Two-story and basement frame (2) flats.
Owner.....Mrs. B. Rossi, 622 Green, San Francisco.
Architect...Paul J. Capurro, 1844 Powell, San Francisco.
Contractor...L. Capurro, 1844 Powell, San Francisco.
COST, \$4120

FRAME DWELLING
(3553) W SIXTH AVE 175 S Geary. Two-story and basement frame dwlg.
Owner.....Dennis Sullivan, 2528 Mission, San Francisco.
Architect...None.
Contractor...Roberts & Woolfrey, 1245 19th Ave., San Francisco.
COST, \$2000

ALTERATIONS
(3554) NO. 1965 PACIFIC AVE. Alterations, additions and repairs to dwlg.
Owner.....Mrs. Wallace, 1945 Pacific Ave., San Francisco.
Architect...None.
Contractor...Frank Pegel, 366 10th Ave., San Francisco.
COST, \$2800

FRAME DWELLING
(3555) S CLARENDON 133 W Burnett. Two-story and basement frame dwlg.
Owner.....E. Portel, 619 Sacramento, San Francisco.
Architect...None.
Contractor...Timber Erection Co., 619 Sacramento, San Francisco.
COST, \$3000

REPAIRS
(3556) NO. 1452 PAGE. Repair street car damage.
Owner.....Elizabeth Raymond, 2729 Jackson, San Francisco.
Architect...None.
Contractor...Chas. E. Urter, 555 Pine, San Francisco.
COST, \$1877.75

ALTERATIONS
(3557) NO. 2365 SCOTT. Alterations and additions to dwelling.
Owner.....B. Story, Premises.
Architect...None.
Contractor...E. Rosenberg, 2519 Washington, San Francisco.
COST, \$3500

(3558) S PLEASANT 201 W Taylor. One-story brick garage.

Owner.....C. C. McKenzie, 1439 Sacramento, San Francisco.
 Architect...None.
 Contractor...J. Prout, 2020 Turk, S. F.
 COST, \$400

ALTERATIONS

(3539) NO. 532 FORTY-SECOND AVE.
 Raise and add one story.
 Owner.....Georgina Kenny, Premises
 Architect...Chas. C. Frye, 20 Montgomery, San Francisco.
 Day's work.
 COST, \$1000

REPAIRS

(3560) NOS. 1535-1537 EIGHTH AVE.
 Repair fire damages to dwellings.
 Owner.....Leigle & Edith K. Quigley, Box 55, Eureka, Cal.
 Architect...None.
 Contractor...F. H. Barnes, 1381 Stevenson, San Francisco.
 COST, \$1300

FRAME DWELLING

(3541) S ROGERS 200 E Folsom. One-story and basement frame dwelling.
 Owner.....John O'Brien, 1030 Treat Ave., San Francisco.
 Architect...None.
 Contractor...Wm. Miller, 49 Park, S. F.
 COST, \$1700

ALTERATIONS

(3562) NE JACKSON & DIVISADERO. Underpin and construct garage.
 Owner.....Geo. H. Kahn, 34 Kearny, San Francisco.
 Architect...Edgar A. Matthews, 944 Phelan Bldg., S. F.
 Contractor...E. T. Leiter & Sons, Sheldon Bldg., San Francisco.
 COST, \$1600

REPAIRS AND ALTERATIONS

(3563) NO. 176 TWENTY-SIXTH AVE.
 Repair and alter front.
 Owner.....H. T. Jones.
 Architect...None.
 Contractor...J. T. Tarbit, 2494 Howard, San Francisco.
 COST, \$1000

FRAME DWELLING

(3564) N JUDAH 107½ W 10th Ave. Two-story and basement frame dwlg.
 Owner.....T. Hendriksen, 526 Judah, San Francisco.
 Architect...None.
 Contractor...A. Krohn, 114 Stillman, S. F.
 COST, \$2100

REPAIRS

(3565) N SACRAMENTO 201 W Taylor. Repair social hall.
 Owner.....C. C. McKenzie, 1439 Sacramento, San Francisco.
 Architect...None.
 Contractor...J. Prout, 2020 Turk, S. F.
 COST, \$600

FRAME DWELLING

(3566) W BON VIEW 154 N Cortland. One and one-half-story and basement frame dwelling.
 Owner.....Wm. Hanson, 615 Moultrie, San Francisco.
 Architect...None.
 Contractor...Wm. H. Grahm, 2840 Bryant, San Francisco.
 COST, \$2100

FRAME DWELLING

(3567) E FIFTEENTH AVE 96 N Balboa. Two-story and basement frame dwelling.
 Owner.....J. J. Doyle, 141 Sutter, S. F.
 Architect...None.

Contractor...J. H. Thorup, 281 6th Ave., San Francisco.
 COST, \$2750

FRAME FLATS

(3568) S LOMBARD 99.6 E Powell. Two-story and basement frame flats.
 Owner.....H. McKevitt, 565 Lombard, San Francisco.
 Architect...M. J. Welsh, SW 22nd and Howard, San Francisco.
 Day's work.
 COST, \$1000

FRAME DWELLING

(3569) NW MORSE AND NEWTON. One-story and basement frame dwlg.
 Owner.....Dr. Dollin.
 Architect...None.
 Contractor...Roberts & Woolfrey, 1245 19th Ave., San Francisco.
 COST, \$1800

FRAME DWELLING

(3570) E TWENTY-FIRST AVE 275 S Geary. Three-story frame dwelling.
 Owner.....Mr. and Mrs. Fitzgerald.
 Architect...None.
 Contractor...Thos. Hamill, 268 35th Ave., S. F.
 COST, \$3000

FRAME GROCERY STORE

(3571) SE KANSAS & EIGHTEENTH. One-story and basement frame grocery store.
 Owner.....Millas & Corcolecotes, 18th and Kansas, S. F.
 Architect...None.
 Contractor...F. A. Hanson, 155 Delano Ave., San Francisco.
 COST, \$1450

FRAME FLAT

(3572) E BARTLETT 61-6 N 25th. Two-story and basement frame (2) flats.
 Owner.....William A. Christen.
 Architect...Kidd & Anderson, 251 Kearny, San Francisco.
 Contractor...Mager Bros., 110 Jessie, San Francisco.
 COST, \$6128

FRAME DWELLING

(3573) E EIGHTEENTH AVE 150 N Balboa. Two-story and basement frame dwelling.
 Owner.....M. Manning, 1791 Grove, San Francisco.
 Architect...None.
 Contractor...B. J. Hooper, 766 5th Ave., San Francisco.
 COST, \$3250

FRAME DWELLING

(3574) N TWENTY-FIRST 180 W Sanchez. One and one-half-story and basement frame dwelling.
 Owner.....A. M. Samuelson, 765 Sanchez, San Francisco.
 Architect...None.
 Contractor...Lindberg Bros., 257 Surrey, San Francisco.
 COST, \$2250

(3575) NE CLAY AND HYDE. Install steam heating system.
 Owner.....Kinslow, Santa Rosa.
 Architect...None.
 Contractor...Atlas Heating & Ventilating Co., 4th & Freelon, S. F.
 COST, \$1450

FRAME FLATS

(3576) E FIFTH AVE 245 S Cornwal. Two-story and basement frame (2) flats.
 Owner.....W. Briarl.

Architect...Edward Hebb, 46 Ave. and California, S. F.
 Day's work.
 COST, \$4000

PASSENGER DEPOT

(3577) BLOCK BDED BY THIRD, Fourth, Townsend and King. Marble floor, terrazzo and cement floor in brick passenger depot.
 Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
 Architect...None.
 Contractor...American Marble & Mosaic Co., 25 Columbus Square, San Francisco.
 Filed Oct. 24, '14. Dated Oct. 20, '14.
 Progressive payments of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$14,823
 Bond, \$7500. Surety, Globe Indemnity Co. Limit, 65 days. Forfeit, none. Specifications only filed.

SIGNAL TOWER

(3578) BLOCK BDED BY FOURTH, Fifth, Townsend and King. All work except piling, cement, electric wiring and fixtures and grading for three-story frame and reinforced concrete signal tower.
 Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
 Architect...None.
 Contractor...R. W. Moller, 185 Stevenson, San Francisco.
 Filed Oct. 24, '14. Dated Oct. 20, '14.
 Progressive payments of..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$5194
 Bond, \$5000. Surety, The Aetna Accident & Liability Co. Limit, 90 days. Forfeit, none. Specifications only filed.

FRAME COTTAGE

(3579) E TWENTY-SIXTH AVE 205-8 S West Clay S 26xE 120. All work for four-room and bath frame cottage.
 Owner.....A. E. and Bertha L. Vollmer, 791 Buena Vista Ave., San Francisco.
 Architect...None.
 Contractor...Harry Walters, 109 Steiner, San Francisco.
 Filed Oct. 24, '14. Dated Oct. 10, '14.
 Frame completed 25%
 Brown coated 25%
 Completed and accepted..... 25%
 Usual 35 days..... 25%
 TOTAL COST, \$1825
 Bond, \$912.50. Surety, Southwestern Surety Insurance Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

NOTE:—Plans prepared by W. E. Baumberger, 8th & F Sts., Sacramento

CANVAS LININGS

(3580) EXPOSITION SITE. Canvas linings for pools and fountain basins
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...None.
 Contractor...W. A. Plummer Mfg. Co., Pine and Front, S. F.
 Filed Oct. 24, '14. Dated Oct. 2, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$7524.89
 Bond, \$5000. Surety, Aetna Accident & Liability Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

AGREEMENT.

A. T. Jenson, A. Hefferman, P. Gibbons, P. C. Watson, N. Murray, J. Bern-

hard, F. J. Wagner, L. J. McKinnay, S. Barbalis and A. Hoffman with Joe Pronzolino, et al filling in and grading from curb to curb on Castro street, between 29th and Valley. Filed Oct. 14, 1914.

STREET EXTENSION.

City Engineer M. M. O'Shaughnessy has submitted plans to the Board of Public Works for the extension of Chenery street in a westerly direction. The estimated cost of the work is placed at \$19,610.

CONTRACTOR'S BOND.

Oct. 19, 1914—N WASHINGTON 137-6 W Octavia W 137-6XN 255-436. Owner Mary L. Phelan; contractor, Foster-Vogt Co.; surety, The Aetna Accident & Liability Co; bond \$1150. Contract dated Oct. 17, 1914.

NOTICE OF NON-RESPONSIBILITY.

Oct. 21, 1914—NW CHENERY 263 SW from NW Roanoke SW 25xNW 100; Lot 19 Blk 3, Mission and 30th Street Hd Un. R W Gillogley for Rosa Cdnstant as to improvements on leased property.....

Oct. 21, 1914—E ROUSSEAU 175 S Bosworth Blk S De Boom Tract. Fanny C Haseltine, Emma M Witzel and Camilla R Ernst fnly Camilla D De Boom as to improvements on leased property.....

Oct. 20, 1914—SW GREENWICH & Baker S 25xW 64. Mary E Cady as to improvements on leased property.....

ASSIGNMENT OF LIEN.

Oct. 23, 1914—NW NAPLES 150 NE Brazil Ave NE 25xNW 100. D Goldstein to Mark-Lally Co.....

Oct. 23, 1914—SE EDINBURGH 150 NE Brazil Ave NE 25xSE 100. D Goldstein to Mark-Lally Co.....

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Oct. 17, 1914—W TWELFTH AVE 150 S Anza 25x120. Wm D Ball to whom it may concern.....Oct. 16, 1914
Oct. 16, 1914—N SUTTER 100 W Powell 37-6x137-6. M D Grosh, E G Larzelere and Louis M Sage to James L Brown, Inc.....Oct. 14, 1914
Oct. 17, 1914—N O'FARRELL 91-6 E Larkin E 46 N 137-6 W 46 E 137-6. Miss E E Herrin to A Dahlberg.....October 17, 1914
Oct. 19, 1914—SE EIGHTEENTH & Rhode Island E 50xS 30. I Kushner to F A or F Hansen.....Oct. 19, 1914
Oct. 19, 1914—LOT 74 SUB NO. 1, Seaciff Add'n. W A Halsted to S A Born Bldg Co.....Oct. 16, 1914
Oct. 19, 1914—SE TWENTY-THIRD & Bryant 50x52. V Sattui and Agostina Sattui to G Trevia and G B Pasqualetti.....Oct. 17, 1914
Oct. 19, 1914—S ANZA 95 E Third Ave E 25xS 100. Jacob Shafran to whom it may concern.....Oct. 12, 1914
Oct. 19, 1914—E ASHBURY 278.69 S Clifford S 25x100. Harold Braunton and W R Miller to whom it may concern.....Oct. 19, 1914
Oct. 20, 1914—EXPOSITION SITE. The Postal Studio Co, Inc to A

Wegner.....Oct. 17, 1914
Oct. 20, 1914—W TWENTYETH AVE 200 N Balboa N 25xW 120. W A Green to whom it may concern.....Oct. 20, 1914
Oct. 20, 1914—W POLK 60 N Chestnut N 25xW 80. S Arrighi to C Orselli.....Completed
Oct. 21, 1914—NE EIGHTEENTH & Mission N 47xW 100. W A Halsted to A H Wilhelm.....Oct. 15, 1914
Oct. 21, 1914—NE EIGHTEENTH & Mission N 47xW 100. W A Halsted to A H Wilhelm, R Zelinsky and Scott Co.....Oct. 15, 1914
Oct. 21, 1914—W TAYLOR 100 S Sutter S 37-6xW 137-6. B J Wyman to whom it may concern.....Oct. 12, 1914
Oct. 21, 1914—NW POST AND Stockton N 137-6xW 137-6. Blanche M or Blanch M Burbank to Atlantic Fireproofing Co.....Oct. 14, 1914
Oct. 21, 1914—E STOCKTON 20-4 S Lombard S 20xE 50. M De Benedetto to G Ferroni & Son.....Completed
Oct. 21, 1914—LOT 35 BLK "D" French & Gilman Tract. Auguste and Emilie Ladira to Thos McCormick.....Oct. 17, 1914
Oct. 21, 1914—SW BROADWAY & Bartol 40-6 on Broadway x 57-6 on Bartol. N Capurro to whom it may concern.....Oct. 21, 1914
Oct. 21, 1914—S POST 86-6 E Polk E 23-6xS 120. Jacques Larrouy to J A Hill.....Oct. 13, 1914
Oct. 21, 1914—LOT 25 Lyon & Hoags Sbdyn 2 Ashbury Terrace. Batista Caru to whom it may concern.....Oct. 13, 1914
Oct. 22, 1914—N BEACH 230 W Baker N 350 W 560 S 1000 E 560 N 620 m or l. Panama-Pacific International Exposition Co to John G Sutton Co.....Oct. 20, 1914
Oct. 22, 1914—N CLEMENT 55 E 22d Ave E 25xN 100. Robert E Paton to Max Hantzche and Fred McKay.....Oct. 22, 1914
Oct. 22, 1914—LOTS 26 and SE 1/2 Lot 37 Blk "K" Mission Street Land Co. Homestead Realty Co to Wm H Grahm.....Oct. 18, 1914
Oct. 22, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Ira W Coburn to Melton V Mowbray.....Oct. 17, 1914
Oct. 22, 1914—SE GREENWICH & Baker E 94xS 24. Margaret A Coleman to whom it may concern.....Oct. 20, 1914
Oct. 22, 1914—W EIGHTH AVE 225 S Noriega. J B Glover to whom it may concern.....Oct. 22, 1914
Oct. 22, 1914—EXPOSITION SITE. Joseph Bell De Remer, Agent for The State of North Dakota to Strehlow, Freese & Petersen.....Oct. 22, 1914
Oct. 23, 1914—W FIFTH AVE 290 S "I" S 25xW 120. Theodor J J or T J J Sommer to Ed Zinkand & Son.....Oct. 22, 1914
Oct. 23, 1914—N WEBSTER 51-6 S Pacific Ave 46-23x110. A M Byrne to N P Anderson.....Oct. 23, 1914
Oct. 23, 1914—SE POST & LEAVENworth — 137-6 E 137-6 N 137-6 W 137-6. Schmiedell Estate Opn to whom it may concern.....Oct. 9, 1914
Oct. 23, 1914—N NINETEENTH 150 E Dolores E 25xN 100. Mary Parker to Lucas & Wilcox and M J Cashman, Chas Rehn, A Rasmussen and Bell & Roselow.....Oct. 20, 1914

Oct. 23, 1914—E MISSION 120 N 19th E 122-6xN 30. Fred C Gerdes to J Casty.....Oct. 20, 1914
Oct. 23, 1914—N VALLEJO 94-5 E Van Ness Ave N 122-6xE 30-1. Louis A or L A Bacciocco to O C Holt, A Davis, E Anderson & Bro, M Schimetschek and Mangrum & Otter.....Oct. 22, 1914
Oct. 23, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Chas Schlössinger to Stanquist & Forbes.....Oct. 19, 1914
Oct. 23, 1914—SW POST & POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 — 57. Crocker Hotel Co to Rudgear-Merle Co, Oct. 21, '14; Vulcan Iron Works, Oct. 16, '14; Taylor & Co, Oct. 15, '14; Rudgear-Merle Co.....Oct. 21, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Oct. 17, 1914—E GRANT AVE 77-6 N Bush 30x80. J S Guerin (as J S Guerin & Co) vs Herman Heskins, McMullen and Von Voorhies.....\$62.53
Oct. 17, 1914—SW CALIFORNIA & Powell W 206-3xS 275. Chas Holloway Jr (as Holloway Expanded Metal Co) vs L H Sly.....\$1402.16
Oct. 17, 1914—W MASON 65 N O'Farrell N 50xW 103-6. California Plate & Window Glass Co vs F J Klenck and D L Randolph.....\$297
Oct. 20, 1914—SW POWELL AND Broadway W 100xS 93-6. C Marchi vs C A Jeffers, T Loncono, George J Panario, Katie Grimm, Kate Wetmore and Jacob Surface.....\$375
Oct. 22, 1914—S CALIFORNIA 82-6 W 25th Ave W 50xS 100. J H Kruse vs L M Shuck, Betty Shuck and Lincoln U Grant.....\$1139.15
Oct. 22, 1914—SW GILMAN AVE 225 NW Jennings NW 25xSW 100. Geo Ryan vs Amelia Benz.....\$562.66
Oct. 22, 1914—SE SIXTEENTH AVE and Lake — 37-6 E 100 N 37-6 W 100. C F Monti vs Auguste Ruether and O E Anderson.....\$71.75
Oct. 23, 1914—S ALVARADO 104 W Castro W 25xS 114. The Greater City Lumber Co vs Chas H and Nellie Mullen.....\$1301.90

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base, concrete. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. J. Boese. The dwelling will be designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. A clay tile roof will be used. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$1,000. Oakland, Cal. Architect, L. C. Kincaide, 6604 Dana street, Oakland. Owner, Louis E. Brann. The dwelling will be erected on Kenmore avenue near Lake Shore avenue, and has been designed to contain seven rooms, bath and sleeping porch. Inter-

or will be finished in pine and hardwood with some white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile and wood. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and drawings are being taken.

RESIDENCE—2 story and base, frame, \$5,500. Berkeley, Alameda Co., Cal. Architect, H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Mason McDuffie Co. The dwelling will be erected in Claremont Park, and has been designed to contain eight rooms, two baths and a sleeping porch. Garage will also be erected on the property. Interior finish will be of tile and hardwood with white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are complete and drawings will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$6,000 each. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Home Builders. These dwellings will be erected in Northbrae and each has been designed to contain eight rooms, two baths and sleeping porch. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, C. J. Pfanz, 5487 Fremont avenue, Oakland. The dwelling will be erected on the west side of Moraga north of Pleasant avenue, and has been designed to contain eight rooms and bath. A garage will also be erected on the property. Interior of the house will be finished in pine and hardwood with white enamel in the bed rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Dr. F. R. Jordan. The dwelling will be erected in Lake Shore Drive near Alameda, and has been mentioned here before. Revised plans have been completed. The dwelling will contain seven rooms, two baths and sleeping porches. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places.

Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE AND STORES—2 story and base. Class C construction, \$25,000. Berkeley, Alameda Co., Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Durst Bros. The building will be erected on Adeline street near Harmon, having a frontage of 50 feet and a depth of 133 feet. There will be seven stores on the first floor besides the entrance to the apartments. Ten suites of three rooms will occupy the upper floor. Interiors will be finished in pine and redwood. There will be steam heat and a hot water system. Private baths and wall beds are specified. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

FLAT AND STORES—2 story and base, frame, \$3,500. Oakland, Cal. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Robert Trimlett, 3136 High street. The building will be erected at the northwest corner of 34th and Brookdale avenues, and will contain two small stores on the first floor. Upper floor will be arranged for a six-room flat. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place and tile or brick mantel. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. Work will be done by Day Labor.

STORE HOUSE AND TOWER—2 story, brick, \$20,000. Oakland, Cal. Architect, Engineering Department of Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans are complete for a new storage house and tower to be erected in the East Oakland yards. The building will cover a considerable ground area. Interior will be finished in pine. There will be special electric work to be installed by the company. Exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

RESIDENCE—1 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, H. P. Smith, Blake Bldg., Oakland. Owner, Joseph F. Wilson, 752 Taylor street, Alameda. The dwelling has been designed for a six room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who is asking agurer for the entire work.

RESIDENCES—2, 2 story and base, frame, \$3,500 and \$4,000. Berkeley, Alameda Co., Cal. Architects, Ellis Planners, 1844 5th avenue, Oakland. Owner, Mr. Leamm. These houses will contain seven and eight rooms, bath and sleeping porch. Interiors will be finished in pine, redwood and oak.

Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. The wainscot and floors will be used in the bath room. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath. Plans are now being prepared and when complete the work will probably be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,500. Oakland, Cal. Architect, none. Owners, Carroll & Deary, 3811 39th avenue, Oakland. The house will be erected on the south side of Hayes street west of 62nd avenue, and has been designed for a nine-room dwelling. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile. The wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SCHOOL PLUMBING, ETC.—Cost not stated. Oakland, Cal. Architect, none. Owners, City of Oakland. Plans are complete and figures are being taken for furnishing and installing plumbing fixtures in the Lakeview School. Plans can be secured from the Secretary of the Board of Education. Bids will be opened on November 3rd.

GARAGE—1 and 2 story and base. Class A construction. Oakland, Cal. Architect, J. J. Donovan, Oakland. Owners, City of Oakland. The building will be erected in the rear of the City Hall and will be designed for the use of the city's machines. Construction will be fireproof. There will be a cement first floor. Interior finish will be of pine throughout. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

DORMITORY—2 story and base, brick and concrete, \$34,787. Decota, Alameda Co., Cal. Architect, James H. Humphrey, Wells-Fargo Bldg., S. F. Owners, California Masonic Home. Contractors, Thomas Day's Sons, S. F. Contract price, \$34,787.

SCHOOL—2 story and base, brick and concrete, \$39,150. Architect, Charles H. Burgraff, Albany. Owners, City of Albany. Contractor, N. E. Hoover, Albany. Contract price, \$39,150.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt
2552	Trinity Ev. Ch.	Bauman	1000
2553	Locke	Hauskins	150
2556	Pfanz	Pfanz	4500
2557	Davis	Davis	1000
2559	Aiken	Palmer	5500
2561	Driscoll	Griffin	3500
2562	Fry	Hicks	725
2563	Texdahl	Texdahl	2200
2564	Walker	Hitecock	400
2565	Schenk	Swenson	400
2566	Engelke	Well	500
2567	Brenning	Am. Mateh	700
2568	Caruth	Hellier	400
2570	Trimlett	Trimlett	3500
2571	Brazil	Cox	1500
2572	Patterson	Ellis	2500
2573	Minney	Nichel	5000
2583	Carroll	Leamy	5000
2584	Tal of Sweets	Day	500
2585	Lee Hing	Maurice	2200
2586	Grande	Grande	500
2589	Shirk	Scannum	150

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2594	Miller	Fleiter	2500
2600	Young	Young	2000
2601	Lormer	Larmer	3000
2598	Wilson	Baker	1500
2597	Valley Pipe Line	Hill	

CHURCH

(2552) SW SEVENTEENTH AVE &
E-15th, Oakland. One-story 5-room
church.

Owner.....Trinity Evangelical Luth-
eran Church, Premises.

Architect...None.
Contractor...F. Baumann, 2000 45th
Ave., Oakland.

COST, \$1000

(2553) W THIRTY-EIGHTH AVE 37
N Porter, Oakland. One-story four-
room dwelling.

Owner.....W. H. Locke, 2811 Quigley
San Francisco.

Architect...None.
Contractor...S. T. Hauskins.

COST, \$1150

(2556) W MORAGA AVE 200 N
P Pleasant Valley Ave. Oakland. Two

story 8-room dwelling and garage.
Owner.....C. J. Pfarrang, 5487 Clare-
mont Ave., Oakland.

Architect...None.
Day's work. COST, \$4500

DWELLING

(2557) NE EIGHTY-THIRD AVE AND
Birch, Oakland. One-story 3-room
dwelling.

Owner.....Mary F. Davis, 70 Waller,
San Francisco.

Architect...None.
Day's work. COST, \$1000

HOTEL

(2559) S FIFTEENTH 50 E Jefferson
E 5th & 75, Oakland. Cement, con-
crete, rough carpenter work, setting
post caps, joist hangers, anchors and
corner brackets for seven-story re-
inforced concrete hotel.

Owner.....Albert C. Aiken, 34 Ellis,
San Francisco.

Designer...Clay M. Burrell, Albany
Block, Oakland.

Contractor...P. A. Palmer, 625 Monad-
nock Bldg., San Francisco.
Filed Oct. 19, '14. Dated Oct. 11, '14.

1st and 15th of each month.... 75%
Usual 35 days..... 25%
TOTAL COST, \$9500
Bond, \$5000. Surety, New England
Casualty Co. Limit, 30 days. Forfeit
\$50. Plans and specifications filed.

DWELLING

(2561) S COUNTY ROAD leading from
Irvington to Niles on Carter Tract
Irvington. Alterations for one and
one-half-story dwelling.

Owner.....Richard Driscoll.
Architect...None.

Contractor...F. C. Griffin & Sons, Irv-
ington, Cal.

Filed Oct. 19, '14. Dated Oct. 15, '14.
Completed.....\$1075

TOTAL COST, \$1075

Bond, \$750. Surety, Chicago Bonding
Co. Limit, 30 days. Forfeit, \$5. Plans
and specifications filed.

DWELLING

(2562) LOTS 1 AND 2 BLK 1 Map No
6, Regents Park Tract, Albany. Al-
terations for one-story dwelling.

Owner.....Mrs. Minnie Fry, S. F.
Architect...None.

Contractor...A. L. Hicks, 616 14th, Oak-
land.

Filed Oct. 19, '14. Dated Oct. 14, '14.
Roof on.....\$35

Completed.....37

TOTAL COST, \$72

Bond, none. Limit, 30 days. Forfeit
none. Plans only filed.

DWELLING

(2563) S SIXTY-FIFTH 170 W Shat-
tuck, Oakland. One-story six-room
dwelling.

Owner.....C. Texdahl, 3035 Harper
Berkeley.

Architect...None.
Day's work. COST, \$220

ALTERATIONS

(2564) NO. 911 WILLOW, Oakland
Alterations.

Owner.....Mrs. Kate Walker, Prem.
Architect...None.

Contractor...Geo. C. Hitchcock, 706 39th
Oakland. COST, \$10

ADDITION

(2565) NO. 1215 WILLOW, Oakland
Addition.

Owner.....Miss E. Schenk, 1610 Ox-
ford, Berkeley.

Architect...None.
Contractor...P. A. Svenson, 1237 14th
Oakland. COST, \$10

ADDITION

(2566) NO. 2601 INYO, Oakland. Ad-
dition.

Owner.....F. K. Engelker, Premises.
Architect...None.

Contractor...Geo. E. Weil, 2600 23rd
Ave., Oakland. COST, \$50

LAUNDRY

(2567) NO. 717 SEVENTH, Oakland
One-story 1-room laundry.

Owner.....F. H. Brenning.
Architect...None.

Contractor...American Match Works.
COST, \$70

STUDIO

(2568) NO. 2824 THIRTEENTH AVE
Oakland. Studio.

Owner.....Wm. Carruth, Premises.
Architect...None.

Contractor...H. A. Heller, 1388 E-27th
Oakland. COST, \$10

TORRES
 (2570) NW THIRTY-EIGHTH AND Brookdale Aves., Oakland. Two-story 1-room stores.
 Owner.....Robert Trimlett, 3136 High Oakland.
 Architect...Thomas & Oliver, Pantages Bldg., Oakland.
 Day's work. COST, \$3500

WELLING
 (2571) S ALCATRAZ AVE 390 E San Pablo Ave., Oakland. One-story 5-room dwelling.
 Owner.....Mrs. Brazil, 1984 62nd, Oakland.
 Architect...None.
 Contractor...Cox & Nichols
 COST, \$1500

WELLING
 (2573) S FORTY-FIRST 180 W Webster, Oakland. One-story six-room dwelling.
 Owner.....A. Petterson, 125 E-15th, Oakland.
 Architect...None.
 Contractor...H. Ellis, 2036 E-23rd, Okd.
 COST, \$2500

ALTERATIONS
 (2574) SE FIFTEENTH & BROADWAY Oakland. Alterations, repairs and additions to stores (reinforced concrete addition).
 Owner.....Minney & Searls Co., Syndicate Bldg., Oakland.
 Architect...None.
 Contractor...Karl H. Nichel, Syndicate Bldg., San Francisco.
 COST, \$5000

WELLING
 (2583) S HAYES 200 W 62nd Ave., Oakland. Two-story 9-room dwlg.
 Owner.....Carroll & Deary.
 Architect...None.
 Contractor...Carroll & Deary, 1844 39th Ave., Oakland.
 COST, \$3000

ALTERATIONS
 (2584) NO. 1112 WASHINGTON, Oak-land. Alterations.
 Owner.....Palace of Sweets, Prem.
 Architect...None.
 Contractor...Bay City Cabinet Co., 1980 5th, Oakland.
 COST, \$500

ADDITION
 (2585) NO. 457 STOWE AVE., Oakland Two-story addition to dwelling.
 Owner.....Lew Hing, Premises.
 Architect...None.
 Contractor...P. B. Maurice, 505 E-22nd, Oakland.
 COST, \$3200

TORRE
 (2586) SW FIFTIETH AVE AND Bond, Oakland. One-story 3-room store.
 Owner.....J. H. Grande, 1624 51st Ave., Oakland.
 Architect...None.
 Day's work. COST, \$500

FRAME DWELLING
 (2587) E BENVENUE AVE 150 S Woolsey 50x140, Berkeley. All work for two-story frame dwelling.
 Owner.....Herbert A. Curry, 1930 Stuart, Berkeley.
 Architect...None.
 Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
 Filed Oct. 22, '14. Dated Oct. 20, '14.
 Frame up

Brown coated 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$3888
 Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

FRAME DWELLING
 (2588) LOT 1 BLK 1 Map Berkeley Heights, Berkeley. All work for two-story frame dwelling.
 Owner.....T. C. Petersen, Berkeley.
 Architect...None.
 Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
 Filed Oct. 21, '14. Dated Oct. 20, '14.
 Frame up \$1000
 Brown coated 1000
 Completed 1600
 Usual 35 days..... 1275
 TOTAL COST, \$4275
 Bond, none. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

ALTERATIONS
 (2591) NO. 369 PERRY, Oakland. Ad-ditions and alterations.
 Owner.....Mrs. M. J. Lemos, Premises
 Architect...None.
 Contractor...F. J. Silsby, 440 24th, Okd.
 COST, \$190

ADDITION
 (2592) NO. 2141 EIGHTH AVE., Oak-land. Addition.
 Owner.....Mrs. S. G. Hunt, Premises.
 Architect...None.
 Contractor...W. A. Minoe, Premises.
 COST, \$565

BRICK GARAGE
 (2594) W PIEDMONT AVE 200 N 41st Oakland. One-story brick garage.
 Owner.....Mrs. Anna A. Miller, 4149 Piedmont Ave., Oakland.
 Architect...None.
 Contractor...Fletcher & Winlund, Plaza Bldg., Oakland.
 COST, \$3200

BUILDING
 (2595) SW E-TWELFTH 50 NW Seventh Ave NW 50 SW 130, Oak-land. Building to cost not less than \$4000.
 Owner.....C. H. King Estate Co., Okd
 Architect...None.
 Contractor...Elizabeth Loughery, wife J. F. Loughery.
 Filed Oct. 22, '14. Dated Oct. 13, '14.
 No payments given.....
 TOTAL COST, Not less than \$4000
 Bond, \$2000. Surety, Pacific Coast Casualty Co. Limit, May 1, 1915. For-feit, none. Plans and specifications filed.

THEATRE
 (2596) SW E-TWELFTH 50 NW Seventh Ave NW 50xSW 130, Oakland. All work for one-story frame mov-ing picture theatre.
 Owner.....Elizabeth Loughery, Okd.
 Architect...None.
 Contractor...J. F. Loughery, 705 31st, Oakland.
 Filed Oct. 22, '14. Dated Oct. 14, '14.
 Frame up 1/4
 Plastered 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2800
 Bond, none. Limit, 30 days after Oct. 14. Forfeit, none. Plans and specifi-cations filed.

PIPE AND LAYING SAME
 (2597) FROM COALINGA TO MAR-

linez. all work for pipe and laying same.
 Owner.....Valley Pipe Line Co., S. E. Architect...None.
 Contractor...H.H. Hubbell & Co., S. F. Filed Oct. 24, '14. Dated Oct. 21, '14.
 1st day of each month..... 75%
 Usual 35 days..... 15%
 COST, 10 1/4 lin. ft. 8 inch pipe 12 1/4 lin. ft. 10 inch pipe.
 Bond, \$50,000. Surety, New England Casualty Co. Limit, 1 mile per day. Forfeit, none. Specifications only filed.

DWELLING
 (2599) W MUSEON AVE 280 N Ply-mouth, Oakland. One-story five-room dwelling.
 Owner.....Lewis & Mitchell.
 Architect...None.
 Contractor...O. G. Smith.
 COST, \$1800

DWELLING
 (2600) NW FIFTIETH AND MANILA, Oakland. One-story 5-room dwlg.
 Owner.....Jas. H. Young, 702 Alleen, Oakland.
 Architect...None.
 Day's work. COST, \$2000

DWELLING
 (2601) E LAKE SHORE AVE 600 N Walla Vista, Oakland. Two-story 7-room dwelling.
 Owner.....Edw. Larmer, 470 Boule-vard Way, Oakland.
 Architect...None.
 Day's work. COST, \$3000

Building Contracts Awarded. Berkeley.

No.	Owner	Contractor	Am't.
2551	Schott	Schott	2000
2554	Kosby	Kosby	1500
2555	Wingate	Montgomery	2294
2558	Stevens	Stevens	3000
2560	Brown	Engler	2100
2569	Little	Lewis	3235
2587	Curry	Peake	2888
2588	Petersen	Kollmer	4275
2595	King	Loughery	1000
2596	Loughery	Loughery	2800
2591	Lemos	Silsby	400
2599	Lewis	Mitchell	1800

DWELLING
 (2551) N GLENN 150 E Spruce, Ber-keley. One-story 6-room dwelling.
 Owner.....W. E. Schott, Le Roy and Tamalpais, Berkeley.
 Architect...None.
 Contractor...W. H. Chase.
 COST, \$2000

DWELLING
 (2554) N ALLSTON WAY 10 W Brown-ing, Berkeley. One-story 5-room dwelling.
 Owner.....Richard Kosky, 1920 10th, Berkeley.
 Architect...None.
 Day's work. COST, \$1500

DWELLING
 (2555) SE COLUSA AVE & JOSEPH, Berkeley. One-story 6-room dwlg.
 Owner.....Donald P. Wingate, Bkly.
 Architect...Henry H. Gutterason, 80 Post, San Francisco.
 Contractor...W. S. Montgomery, 2321 Ward, Berkeley.
 COST, \$2994

(2558) N MARIN AVE 84 E Fresno, Berkeley. One-story 7-room dwlg.
 Owner.....M. J. Stevens, 1827 Marin Ave., Berkeley.
 Architect...None.

LIENS FILED.

ALAMEDA COUNTY.

Oct. 14, 1914—NE SIXTH AND SE West NE 100xSE 15, Okd. Yager Sheet Metal & Plumbing Co vs F Depavio, Luigi Giachino and R E Moore\$344.20

Oct. 14, 1914—LOT 39 Map Piedmont Manor, being SE Manor Drive and Holly Place, Piedmont. Spott Bros, \$144.05; E L Thompson, \$32; J F Ellis (National Roofing Co), \$32.50; John A Kelle, \$28; Hogan Lumber Co, \$37.50 vs Eva and A C Davis and James Rountree.....

Oct. 15, 1914—LOT 39 Map Piedmont Manor, Piedmont. Pacific Fuel & Bldg Material Co, \$27.15; E Lightfoot, \$23.57; Pacific Mfg Co, \$351.44; Standard Fence Co, \$33 vs A C Davis and James Rountree.....

Oct. 15, 1914—NE SIXTH AND WEST E 75xN 100, Okd. Pacific Fuel & Bldg Material Co vs F Depavio, L Giachino and Roy E Moore...\$742.25

Oct. 17, 1914—S FORTY-NINTH 653 M Broadway W 33 S 190 E 33 N 184, Okd. Pacific Mfg Co vs A E Wlgmore and John Weitzel...\$165.50

Oct. 21, 1914—SE WEST AND NE Sixth NE 100xSE 75, Okd. Melrose Lumber & Supply Co vs F Depavio, Luigi Giachino and R E Moore...\$2065.24

Oct. 8, 1914—SE ½ LOT 30 BLK 16 Map Boulevard Park, Okd. E L Blackman Co vs Ada F Simpson and O M Bullock.....\$31.80

Oct. 22, 1914—PTN LOT 13 Map Rose-lawn Park, being N Shafter 470 E College Ave, Okd. Pacific Fuel & Bldg Material Co vs Hattie E Walsh and John Mowat.....\$44.45

Oct. 22, 1914—REAR 542 THIRTY-first, being N Ptn Lot 40 Blk 2036 Map Rowland Tract, Okd. Pacific Fuel & Bldg Material Co vs Dora Bistorious, Ada Bistorious, Albert Bistorious, John R Faulkes and Alfred Cords\$24.20

Oct. 23, 1914—LOT 38 Map Piedmont Manor, Piedmont. Union Floor Co vs Walter H Creighton and Geo A Posey\$109

Oct. 23, 1914—ROSE NOS. 1208-10-14 being Lots 1, 2, 3 and 4 Blk "D" Regents Park Map No. 3, Bkly. Anton Brunner vs Conservative Bldg & Invst Co.....\$325

Oct. 23, 1914—SE WEST AND NE Sixth NE 100xSE 75, Okd. Union Floor Co vs Roy E Moore, F De Pavo, Luigi Giachino and F C Eisen\$157.35

Oct. 23, 1914—SW SAN LEANDRO Road 107.8 SE 97th Ave SE 25xSV 100, Okd. King Elec Co vs John Brakoumatso\$180

SAN JOSE AND THE SANTA CLARA VALLEY.

CHURCH—2 story and base, brick and frame, \$25,000. Monterey, Monterey Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, First Presbyterian Church of Monterey. The building will be designed in the Spanish style and will contain a large auditorium, Sunday school rooms and social rooms. Interior finish will be of pine and redwood with some ornamental plaster. Art glass windows will be installed. There will be a central heating system. Exterior of the building

will be faced with cement plaster. Plans are being prepared.

LOUGE HALL AND THEATRE—2 story and base, concrete and frame, \$55,000. San Mateo, San Mateo Co., Cal. Architect, Will D. Shea, 241 Kearny street, S. F. Owners, Knights of Columbus Hall Association. Besides the two-story portion of the building, which will house the lodge room and offices, there will be a one-story part given over to a motion picture theatre. Plans have been revised and new figures will be called at once. The theatre portion and first floor of the lodge rooms will be of concrete construction. Interior will be finished in pine and hardwood. There will be steam heat and open fire places. Mantels will be of tile. Exterior of the building will be faced with cement plaster.

RESIDENCES—2, 1 story and base, frame, \$1,200 and \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owners, E. L. Jones, 304 South Second street, and S. G. Pelton, 445 South 3rd street. These two houses will contain six rooms each and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic and cement plaster on metal bath. Plans are complete and in the hands of the respective owners who will do the work by Day Labor.

ROAD CONSTRUCTION—\$8,973. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The bid of Blanchard-Brown presented to the Supervisors at their last meeting, offering to construct 1.459 miles of the La Honda to San Gregorio road for \$14,503, has been rejected. The Surveyor's estimate of the work was \$8,973. The Clerk has been directed to advertise for new bids.

Contracts Awarded.

COUNTY EXHIBIT BOOTH—\$2,500. San Francisco, Architect, William Binder, Rea Bldg., San Jose. Owners, Santa Clara County. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price, \$2,500.

STREET PAVING—Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, City Engineer, San Jose. Owners, City of San Jose. Contractors, Ransome-Crummey Co., Oakland. Contract price, \$40,000. Concrete gutters on same job awarded to Federal Construction Co., S. F. Contract price, \$11,000.

BRIDGES—Timber and reinforced concrete. Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractors, Barrett & Hilp, S. F., bridge in Third township, \$5,308.50; Savage Bros., S. F., bridge in Fourth township, \$6,758.80.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

COTTAGE
NN. 145 S-TWENTIETH ST., San Jose.
Four-room cottage.
Owner.....E. L. Jones, 304 S-2nd St., San Jose.
Architect...None.
Day's work.
COST, \$1200

TTAGE
FOURTEENTH & SAN SALVADOR
San Jose. Six room cottage.
Owner.....S. G. Pelton, 445 S Third, San Jose.
Architect...None.
Day's work.
COST, \$2000

ADDITION
No. 65 N-TWENTY SIXTH ST., San Jose. Two-room and pantry addition.
Owner.....Laura Ardanda.
Architect...None.
Contractor...G. H. Stewart, 39 Wabash, San Jose.
COST, \$400

BUNGALOW
NO. 915 HARLESS AVE., San Jose.
Four-room bungalow.
Architect...J. W. Greiner, Premises.
Architect...None.
Day's work.
COST, \$400

FRAME BUNGALOW
LOT 5 BLK 3, Larsen Shdvn No. 2, Sunnyvale. All work for frame bungalow.
Owner.....Mary E. and J. H. Hall, Sunnyvale.
Architect...H. A. Spreen, Sunnyvale.
Contractor...H. A. Spreen, Sunnyvale.
Filed Oct. 13, '14. Dated Oct. 13, '14.
Frame up\$325
1st coat of plaster..... 325
When finished 325
Usual 35 days..... 325
TOTAL COST, \$1300
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

GYMNASIUM
STANFORD UNIVERSITY CAMPUS, Palo Alto. All work except heating, electric work and painting for one-story reinforced concrete gymnasium.
Owner.....Leland Stanford University, Palo Alto.
Architect...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor...Jas. H. Pinkerton, 2206 Fulton, San Francisco.
Filed Oct. 5, '14. Dated Sept. 30, '14.
On 15th day of each month... 75%
Usual 35 days..... 25%
TOTAL COST, \$70,560
Bond, \$35,280. Surety, Maryland Casualty Co. Limit, March 31, 1915. Forfeit, no less than \$10 nor more than \$20 per day. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE
Contractor...General Electrical Construction Co., 219 Minna, San Francisco.
Filed Oct. 5, '14. Dated Sept. 30, '14.
Payments same as above.....
TOTAL COST, \$1893
Bond, \$947. Surety, U. S. Fidelity & Guaranty Co. Limit, March 31, 1915. Forfeit, none. Plans and specifications filed.

HEATING ON ABOVE
Contractor...Scott Co., 243 Minna, S. F.
Filed Oct. 5, '14. Dated Sept. 30, '14.
Payments same as above.....
TOTAL COST, \$3510
Bond, \$1805. Surety, Chicago Bonding & Surety Co. Limit, March 31, 1914. Forfeit, none. Plans and specifications filed.

DWELLING
PALM AND OAK STS., San Jose. Four room dwelling.

Owner...W. J. Juarez, Premises.
 Architect...None.
 Day's work. COST, \$100

SLEEPING BALCONY
 SEVENTENTH near San Fernando
 St., San Jose. Sleeping balcony.
 Owner...Dr. Fowler, Premises.
 Architect...None.
 Contractor...R. Weuk, 9th and Keys,
 San Jose. COST, \$500

ALTERATIONS
 NO. 340 W-SAN CARLOS ST., San Jose.
 Alterations.
 Owner...Miss Ohlsen, Premises.
 Architect...None.
 Contractor...C. Delponti, 277 N-16th St.,
 San Jose. COST, \$1314

COTTAGE
 DELMAS near Santa Clara, San Jose.
 Five-room cottage.
 Owner...O. H. Dolan, 450 W-San
 Fernando, San Jose.
 Architect...None.
 Contractor...H. C. Zinchen, 118 N-10th
 St., San Jose. COST, \$2000

BUNGALOW
 NO. 214 W-SAN CARLOS, San Jose.
 Four-room bungalow.
 Owner...F. W. Braudis, Premises.
 Architect...None.
 Contractor...Geo. Callahan, 333 Gifford
 Ave., San Jose. COST, \$300

BUILDING CONTRACTS

SAN MATEO COUNTY.

RETAINING WALL
 WESTERLY BANK OF SAN MATEO
 Creek on property and site of Union
 High School at Griffith Ave. Bridge,
 San Mateo. All work for reinforced
 concrete retaining wall.
 Owner...San Mateo Union High
 School District, San Mateo.
 Architect...Havens & Toepke, 46
 Kearny, San Francisco.
 Contractor...Barrett & Hlip, Sharon
 Bldg., San Francisco.
 Filed Oct. 21, '14. Dated Oct. 16, '14.
 1st and 15th of each month.... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$3989
 Bond, \$2000. Surety, Pacific Coast
 Surety Co. Limit, 40 days. Forfeit
 \$10 per day. Plans and specifications
 filed.

FRAME HOUSE
 MENLO PARK. All work except rat
 proofing for two-story frame house.
 Owner...Wardens & Vestry, Trinity
 Church, Menlo Park.
 Architect...Bliss & Faville, Balboa
 Bldg., San Francisco.
 Contractor...Weeden Bros., Menlo Park
 Filed Oct. 21, '14. Dated Oct. 14, '14.
 Frame up.....\$2000
 Plastering finished..... 2000
 House completed..... 2000
 30 days after..... 2000
 TOTAL COST, \$8000
 Bond, none. Limit, Feb. 1, 1915. For-
 feit, \$10 per day. Plans and specifica-
 tions filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.
RECORDED ACCEPTED
 Oct. 15, 1914—LOT 9 of Marguerite
 Tract Blk No. 2 on N-11th St., San

Jose. F S Roney to Lee Gardner.
Oct. 10, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Oct. 16, 1914—LOT 38 Chase Park
 Add'n Lots, San Jose. F Cox vs R
 L Robertson\$45
 Oct. 16, 1914—SW TENTH & WIL-
 liam, San Jose. J W McDonald, Jr.,
 vs G A Lamb.....\$210.91
 Oct. 13, 1914—SANTA CLARA ROAD,
 bet. Alviso and Santa Clara. J J
 O'Brien vs H C and Bertha Willis
\$108.27

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Oct. 20, 1914—LOT 232 SUB NO. 3,
 San Mateo Park. Anna P Bradford
 to William S Leadley...Aug. 10, 1914

RELEASE OF LIENS.

SAN MATEO COUNTY.

RECORDED AMOUNT
 Oct. 21, 1914—MENLO PARK. D J
 Byron to Academy of the Sacred
 Heart and Smyth Bros, Inc...\$1 75
 Oct. 19, 1914—LOT NO. 6 BLK 3,
 Crystal Springs Park. E K Nelson
 to Collman & Collman and William
 C Duncan\$770

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

FIRE HOUSE—1 story and base,
 brick, \$5,000. Richmond, Contra Costa
 Co., Cal. Architect's name not given.
 Owners, City of Richmond. Plans and
 specifications for a one-story brick
 fire house building, to be erected on
 the corner of Barrett avenue and 19th
 street, have been ordered prepared by
 the City Council at their last meeting.
 The structure will cost in the neigh-
 borhood of \$5,000 and will have a
 pressed brick front.

EPILEPTIC COTTAGE—1 story,
 frame and concrete, \$16,000. Eldridge,
 Sonoma Co., Cal. Architect, State Ar-
 chitect George B. McDougall, Sacra-
 mento. Owners, State of California.
 R. S. K. McMillen and Louis Cereghino
 Son each submitted a bid of \$15,475
 for constructing this building. They
 were the low men. The question of an
 award has been taken up by the State
 Board of Control. A complete list of
 the bids will be found under the head-
 ing of Marin, Contra Costa and Sonoma
 Counties in this issue.

BATH HOUSE EQUIPMENT—Cost
 not stated. San Rafael, Marin Co., Cal.
 Architect, Thomas O'Connor, San Ra-
 fael. Owners, City of San Rafael. Two
 bids were received at the last meeting
 of the City Council for furnishing the
 laundry and other equipment for the
 new Municipal Baths. The American
 Machine Co. bid \$7,888.88, and James
 D. O'Mara bid \$8,295. Bids have been
 taken under advisement. The architect
 was instructed at the same meeting to
 prepare plans and specifications for
 completing the interior of the building.

BRIDGE—Steel and concrete, \$50,000.
 Rio Vista, Solano Co., Cal. Engi-
 neers, County Surveyors, Solano and

Sacramento Counties. Owners, Solano
 and Sacramento Counties. Plans for the
 proposed Rio Vista bridge have been
 approved by the War Department. The
 engineers delayed their decision be-
 cause it was found necessary to revise
 the plans so as to place the draw
 nearer the Rio Vista side of the river.
 According to the plans the bridge will
 cost about \$150,000. It will be built
 jointly by Sacramento and Solano
 Counties.

LIBRARY—1 story and base, rein-
 forced concrete, \$12,000. Vacaville,
 Solano Co., Cal. Architect, L. M. Turton,
 Napa. Owners, Vacaville Library Trus-
 tees. The building has been designed
 in the classic style and will contain
 one large reading room, stack room
 and office of the librarian. Interior
 will be finished in pine with maple
 floor. There will be a central heating
 system. Metal book stacks will be
 used. Exterior of the building will be
 faced with cement plaster. Plans are
 complete and figures will be called for
 at once. Further mention will be
 made of the work when an official no-
 tice to contractors is published.

**TRACK WORK AND FREIGHT
 SHEDS**—Frame, \$14,000. Richmond,
 Contra Costa Co., Cal. Engineer,
 Engineering Department Southern Pacific
 Co., Flood Bldg., S. F. Owners, South-
 ern Pacific Co. The State Railroad
 Commission has ordered the Southern
 Pacific to prepare plans, to be ap-
 proved by the Commission, for a
 freight depot and a standard weighing
 system. The company has been given
 60 days time from October 13th in
 which to complete plans.

RESIDENCE—1½ story and base,
 frame. Cost not stated. Pittsburg,
 Contra Costa Co., Cal. Architect, none.
 Owner, Pittsburg Congregational
 Church, Rev. Littlewood. The dwell-
 ing has been designed for a parsonage
 and will be erected on Cumberland
 street. There will be six rooms and
 bath. Interior will be finished in pine
 and redwood. Some hardwood floors
 will be used. Plans provide for open
 fire place and tile mantel. Exterior of
 the house will be covered with shingles.
 Plans are complete and the work
 will be done by Day Labor.

RESIDENCE—2 story and base,
 frame, \$35,000. Redwood City, San
 Mateo Co., Cal. Architects, Bliss &
 Faville, Balboa Bldg., S. F. Owner,
 Jacob Stern. This house has been de-
 signed for a large country home and
 will be erected on property adjoining
 that of Mr. Stern's brother. There will
 be in the neighborhood of 11 rooms,
 several baths and sleeping porches. In-
 terior will be finished in pine and
 hardwood with white enamel in the
 bed rooms. Hardwood floors will be
 used in the principal rooms. There
 will be a central heating system and
 open fire places. Mantels will be of
 brick and tile. Bath rooms will have
 tile wainscot and composition floors.
 Vacuum cleaning and a hot water sys-
 tem will be installed. A hot house,
 stables and a garage will also be
 erected. Exterior of the house will be
 covered with cement plaster on metal
 lath. Plans are complete and figures
 are being taken.

SCHOOL—2 story and base, brick,
 \$60,000. Dixon, Solano Co., Cal. Archi-
 tect, Henry C. Smith, Humboldt Bank
 Bldg., S. F. The building will cover
 a large grounds area and will contain
 fourteen class rooms, an auditorium

offices, departments for manual training and domestic science. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, program clocks and vacuum cleaning. Modern school plumbing will be installed. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

STREET WORK—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond, Owners, City of Richmond. At the regular meeting of the City Council the bid of John Word was rejected for the improvement of 16th street as it was found to be illegal. New bids will be called for immediately.

STORES—1 story and base, brick, \$10,000. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, Richmond. Owner, Edward Olds. The building will be erected at the corner of 7th and Macdonald avenue, covering an area of 50 by 120 feet. There will be two stores. Interiors will be finished in pine and redwood. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

SEWER WORK—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Contractor, James H. O'Brien, San Rafael. Contract price, \$1,160.

STREET WORK—\$21,102.75. Sausalito, Marin Co., Cal. Engineer, City Engineer, Sausalito. Owners, City of Sausalito. Contractors, Eaton & Smith, San Francisco, sub-grading. Contract price, \$21,102.75.

SEWER PIPE—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, Capital Sewer Pipe Co., Sacramento. Contract price not stated.

STREET PAVING—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, City Street Improvement Co., San Francisco. Contract price 15¢ per square foot.

SUB-MAIN SEWER—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, stated.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

SCHOOL

BLK 67, Pittsburg Grammar School Building. Plumbing, piping, drains, sewers, fixtures, all sheet metal and tin work, toilet, partitions, roof, flashings, etc., for two-story and basement brick, steel and frame school building.

Owner.....Pittsburg Grammar School District, Pittsburg.

Architect...A. W. Cornelius, 625 Market, San Francisco.

Contractor...J. O. Kuykendall, 225 Sharon Bldg., S. F.

Sub-Contractor...Seibert Co., Phelan Bldg., San Francisco.

Filed Oct. 9, '14. Dated Sept. 8, '14.

Basement roughed in.....\$ 698

2nd story sheet metal set and plumbing roughed in..... 698

Main cornice set and plumbing

to 3rd roughed risers in..... 69

Roof completed and basement fixtures set..... 698

Completed and accepted..... 698

Usual 35 days.....1126

TOTAL COST, \$1620

Bond, \$2310. Surety, National Surety Co. Limit, 135 working days. Forfeit, none. Plans and specifications filed.

ELECTRIC WIRING AND FIXTURES, set in place, telephones, bells and wiring for clocks and program bell system on above.

Sub-Contractor—G. W. Davis, 816 Fell, San Francisco.

Filed Oct. 9, '14. Dated Sept. 8, '14.

Basement roughed in.....\$215.50

1st floor roughed..... 215.50

2nd floor and wiring for program clocks done..... 215.50

All work on contract done..... 216.50

Usual 35 days.....287.50

And it is further agreed that we will take 10% of this contract, \$115, in Pittsburg Grammar School District warrants on last payment.....

TOTAL COST, \$1150.00

Bond, \$375. Surety, New England Casualty Co. Limit, forfeit, none. Plans and specifications filed.

DWELLING

LOTS 6 AND 7 BLK 135, City of Richmond. Labor and materials for the completion of one-story five-room dwelling according to plans and specifications.

Owner.....Nicholas & R. L. Turner.

Architect.....None.

Contractor.....J. J. Widmer.

Filed Oct. 14, '14. Dated Oct. 13, '14.

Frame up.....\$340

1st coat plaster on..... 340

Completed and accepted..... 340

Usual 35 days.....340

TOTAL COST, \$1360

Bond, \$680. Sureties, Catherine McElhone and H. F. Davis. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUILDING

BLK 336, Martinez. All work for repairs and alterations to two-story building.

Owner.....Raymond Cass, Martinez.

Architect.....None.

Contractor.....Benj. Hall and Guy O. Smith, Martinez.

Filed Oct. 13, '14. Dated Oct. 5, '14.

New floor in drug store, partitions in rear of drug store and drug store front completed.....\$192.66

Completion of raising floor in candy store, doors changed in rooms over candy store, new floors, new windows and new partitions..... 192.66

Usual 35 days.....192.68

TOTAL COST, \$578.00

Bond, \$289. Sureties, O. K. Smith and Chas. G. Bacon. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

LOT 4 BLK "G" Map Homestead Tract. Martinez. Excavating, grading, concrete, brick, carpenter, mill, lumber, labor, patent chimneys, roofing, lathing, plastering, stucco, Keene's cement, tile, plumbing, tinning, hardware, painting, electrical work and other work for two-story and basement frame dwelling.

Owner.....E. A. Majors, Martinez.

Architect Alexander A. Cantin, The San Bldg., San Francisco.

Contractor, Luke Bulger & Son, Martinez.

Filed Oct. 15, '14. Dated Oct. 15, '14.

Frame up & rafters in place \$ 771.00

Ready for lathing..... 771.00

Plastering & stucco finished..... 771.00

Completed and accepted..... 771.75

Usual 35 days.....1048.25

TOTAL COST, \$4113.00

Bond, \$2056.50. Surety, J. H. Morrow and A. J. McMahon. Limit, 85 working days. Forfeit, none. Plans and specifications filed.

CONSTRUCTION OF DITCH

500 FEET S AND 300 FEET E OF NW corner of Sec. 25, T 1, S R 3, E M D B & M. Cutting, grading and filling for construction of ditch or canal 3 miles long.

Owner.....Byron-Bithany Irrigation Co., Contra Costa Co.

Architect.....Engineer of Company (name not mentioned.)

Contractor, Frank W. Steele and Chas. E. Steele, Ceres, Stanislaus Co., Cal.

Filed Oct. 13, '14. Dated Oct. 8, '14.

No payments mentioned.....

TOTAL COST, \$—

Bond, \$2000. Surety, Eric Larson. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

OIL PIPE LINE

NEAR COALINGA TO MARTINEZ, extending through Fresno, Merced, Stanislaus, San Joaquin, Alameda and Contra Costa Counties. Excavating of necessary trench for pipe line.

Owner.....Valley Pipe Line Co.

Architect.....None.

Contractor.....R. T. Ware, Los Angeles.

Filed Oct. 13, '14. Dated Sept. 30, '14.

3½ cents per lineal foot of trench excavated under provisions hereof at the beginning of each calendar month after the work begins and before the 10th day of every month the Company's engineer will report the length of trench excavated during the preceding calendar month and the company will pay to the contractor on or before the 10th day of said month 75% of price fixed in this agreement for work performed in the previous month 15% of such price shall be paid 35 days thereafter and remaining 10% 35 days after completion of contract.....

TOTAL COST, \$—

Bond, \$16,000. Surety, Southwestern Surety Insurance Co. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED

Oct. 7, 1914—LOT 7 and E ½ Lot 6

Blk 25 Amended Map, City of Richmond. L. H. and Sophie A. Traneue to Edward T. Rolf.....Oct. 6, 1914

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED

Oct. 16, 1914—SAUSALITO, Marin Co.

J. Mecchi and G. G. Ratto to Albert W. Teather.....Sept. 22, 1914

Oct. 17, 1914—ROSS, Martin Co., C. W. Saunders to R. C. Hillen, Oct. 15, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL.—2 story and base. Class A construction, \$370,000. Fresno, Fresno Co., Cal. Architect, State Architect George B. McLaughlin, Sacramento. Owners, State of California. Work on the \$370,000 Fresno Normal School building will begin before the end of December, according to present indications. The plans have practically been completed by the State Architect, C. L. McLane, president of the Normal school, says two representatives of the department of architecture were in Fresno a few days ago gathering final data for the plans. The next stage in the proceedings will be the submission of the plans to the advisory board of consulting engineers. This board will meet the first part of November. Bids probably will be called for some time in November, and work will begin in December unless there is a hitch in the proceedings. The State Board of Control has given permission to the Fresno Normal Board to go ahead with the building although only one-half of the appropriation of \$370,000 is now available.

ROAD IMPROVEMENT—Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans are complete and figures will be opened on November 10th for grading and improving the Burneyville road near Riverbank. Plans and specifications can be secured from the Clerk of the Board of Supervisors.

IRRIGATION WORK—Cost not stated. Fort Bidwell, Modoc Co., Cal. Engineer's name not given. Owners, Cowhead Irrigation Project. With the visit of ex-Senator A. T. Currier and Luther E. Campbell, Southern California capitalists, to this section on an inspection trip of the Cowhead irrigation project, comes the announcement that the Modoc Irrigation Company has acquired the rights of the Surprise Valley Water Company. The new company, capitalized at \$1,000,000, has assumed the \$85,000 obligations its predecessor contracted in its efforts to consummate this great project. The project proposes the construction of a main canal for carrying the waters of Cowhead Lake to the 320,000 acres in Surprise Valley.

BRIDGES—Timber and concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, Modesto Irrigation District, Modesto. Owners, Modesto Irrigation District. Bids will be opened on November 10th for constructing a bridge over Briggs Ditch, a bridge over lateral No. 5, a bridge over lateral No. 4, and a siphon on lateral No. 1. Plans and specifications together with other information can be secured by addressing the Secretary of the Modesto Irrigation District at Modesto.

STORES AND OFFICES—2 story and base, brick, \$16,000. Fresno, Fresno Co., Cal. Architect, L. F. Condrajian, Fresno. Owner, V. S. Keoshyian. The building will be erected on I street between Kern and Inyo, and will replace the building recently destroyed by fire. The structure will have a frontage of 50 feet and a depth of 110 feet. There will be two stores on the first floor and a number of modern offices on the upper floor. Interior finish

will be of pine. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are complete and a contract will be let at once.

CLUB HOUSE IMPROVEMENTS—Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owners, Riverside Country Club. Extensive improvements have been planned by the Riverside Country Club. The club owns a frontage of 1,000 feet on the San Joaquin river and they intend to improve this property. The work will consist of golf links, bowling alley, tennis courts, concrete swimming tank, boat house and other extensive improvements. J. C. Forkner is the president of the club.

ELECTROLIERS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council is now gathering information on the different designs and makes of electroliers. It is thought that bids for this work will be called for within a few days. The system it is thought will cost \$45,000.

WATER SYSTEM—Cost not stated. Reedley, Fresno Co., Cal. Engineer, City Engineer, Reedley. Owners, City of Reedley. Plans and specifications have been completed for an auxiliary water system. Bids will be taken for this work as follows: Item 1, for the construction of a pump pit; 2, for the construction of a pump house and office; 3, for the furnishing and installing of pumping machinery and accessories. Plans and specifications can be secured by addressing the City Clerk. Bids will be opened on November 17th.

Contracts Awarded.

CHURCH—1 story, frame and plaster, \$6,000. Merced, Merced Co., Cal. Architect's name not given. Owners, St. Luke's Episcopal Church. Contractors, Wilcox & Groom, Livingston. Contract price, exclusive of chairs, art glass and other furnishings, \$5,560.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGE—Concrete and steel, \$3,400. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. J. H. Wells of Sacramento presented the lowest figure for constructing a bridge over Arcade creek at \$2,564. Three other figures were received. Bids were referred to the Contract Committee.

RETAINING WALL—Reinforced concrete. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans and specifications for a concrete wall across the Elder creek near the Tyler place have been accepted by the Board of Supervisors, and bids will be received by them until November 5th at 10 a. m. Further information together with plans and specifications may be had from the County Surveyor.

COURT HOUSE—2 story and base. Class A construction, \$100,000. Chico, Butte Co., Cal. Architect not selected. Owners, Butte County. The question before the people of Chico and Oroville at the present time is the building of a new county court house. Oroville is now basing her fight against Chico's effort to get the county seat. The discussion now on is the question as to whether a court house can be built at

the cost of \$100,000. People of Chico say that it can and they also have the word of Architects in their favor. It is thought that an understanding will be reached within the near future, and the preparation of the plans for the building will be started.

BRIDGES—Timber and reinforced concrete. Cost not stated: Roseville, Placer Co., Cal. Engineer, County Surveyor, Auburn. Owners, Placer County. Work on three county bridges has been started by Day Labor. Supervisor Wm. Haman has sent out a crew of men to commence the construction of three new bridges in this section. Two of the structures will be of reinforced concrete, and will be at points on the State Highway. The other structure will be of wood construction and will be erected at Riverside.

CANAL CONSTRUCTION—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer's name not given. Owners, Chicago Park, Forest Hill and Union Hills Irrigation Districts. The Chicago Park, Forest Springs and Union Hill Districts have launched a movement with the idea of organizing into a water district under the Wright Act, for the purpose of voting irrigation bonds to construct 138 miles of canal in the southwestern portion of the county. By such a system of water distribution, it is stated that 22,000 acres will be brought under irrigation in a few years. With the canals constructed, the farmers would purchase water from the Pacific Gas and Electric Company's supply ditch at Kreiss Summit.

Contracts Awarded.

BRIDGE—Concrete and timber, \$30,500. Woodland, Yolo Co., Cal. Engineer, County Surveyor, Woodland. Owners, Yolo County. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. Contract price, \$30,500.

IMPROVEMENT TO COURT HOUSE GROUND—\$16,374. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. The contract with Telchert & Ambrose to improve the north half of the Court House block for \$16,374 was referred to the District Attorney for approval.

STREET PAVING—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contractors, Clark-Henry Construction Co., Sacramento. Contract price not stated.

Two Low Men Submit Same Figure.

State Engineering Department Receives Same Figure From Two Contractors For Eldridge Work.

(By Special Wire.)

SACRAMENTO, CAL., Oct. 19, 1914.—An unusual condition developed this noon when bids for constructing the Epileptic Cottage for Girls at the Sonoma State Hospital were opened. The two low bidders, R. S. K. MacMillan and Lewis Cereghino & Son, both submitted a figure of \$15,475. This is the first time in the history of the State Department of Engineering when two low bidders submitted the same figure. No action has been taken and the matter will come up for considera-

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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tion at the next meeting of the Board of Control. Following is a complete list of bids as opened:

Epileptic Cottage, Sonoma Hospital.
R. S. K. MacMillen.....\$15,475
Lewis Cereghino & Son.... 15,475
H. A. Klyce..... 15,979
L. A. Rose..... 16,995
Jones & McGovern..... 18,200
Boxton, Dillon & Boxton.... 18,740

BUILDING CONTRACTS.
SACRAMENTO COUNTY.

ADDITION
LOT 1, L. K, 9TH AND 10TH STS., Sacramento. Marble for 5-story addition to Forum Building.
Owner....Matthews Constr. Co.
Architect...R. A. Herold, Forum Bldg Sacramento.
Contractor..H. P. Fischer Tile & Marble Co., 318 N-California St., Stockton.
Filed Oct. 19, '14. Dated Sept. 19, '14.
COST, \$12,699
NOTE:—¾ in. marble per square ft. set 90 cents; 1¼ in. marble per sq. ft., \$1.00.

PLASTERING ON ABOVE
Contractor..James F. Smith.
Filed Oct. 19, '14. Dated Sept. 3, '14.
COST, \$14,790

ROOFING AND PLUMBING, ETC., ON above.
Contractor..Hateley & Hateley, Och-sner Bldg., Sacramento.
Filed Oct. 19, '14. Dated Sept. 21, '14.
COST, \$15,500

GARAGE AND STORAGE
NO. 1013 L ST., on N 50 feet of E 50 feet Lot 7, K, L, 10th and 11th Sts., Sacramento. Private garage and storage.
Owner.....Archibald M. Mull, 2175 M St., Sacramento.
Architect...None.
Contractor..A. Straughton.
COST, \$2000

REPAIRS
E ½ LOT 6, J, K, 23RD AND 24TH Sts., Sacramento. Board partitions and make repairs.
Owner.....F. J. Giuseppe.
Architect...None.
Contractor..A. W. Morris.
COST, \$1300

DWELLING
LOT 42 Neil Tract, Sacramento. Four room and basement dwelling.
Owner.....M. J. Hennessy.
Architect...None.
Contractor..H. Hawley.
COST, \$1000



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On 3rd of each month of work-completed during the preceding month payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2601
Bond, \$1302. Surety, Globe Indemnity Co. of New York. Limit, forfeit, none. Plans and specifications filed.

LATHING & PLASTERING ON ABOVE.
Contractor..Richard Grahman, 1120 S-Grant St., Stockton.
Filed Oct. 14, '14. Dated Sept. 18.
Payments same as above.....
TOTAL COST, \$4608
Bond, \$2305. Surety, The Pacific Coast Casualty Co. Limit, forfeit, none. Plans and specifications filed.

FIRE ESCAPES, CAST IRON, MULLIONS, rear area stairs and vents on above.
Contractor..Builders Iron Works, 318 E-Lafayette St., Stockton.
Filed Oct. 14, '14. Dated Oct. 13, '14.
Payments same as above.....
TOTAL COST, \$833.40
Bond, \$450. Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans and specifications filed.

CONDUIT AND WIRING INSTALLATION for lighting and power and telephone on above.
Contractor..F. G. Wallace, Lodi.
Filed Oct. 14, '14. Dated Oct. 5, '14.
Payments same as above.....
TOTAL COST, \$1740
Bond, \$1000. Surety, The Pacific Coast Casualty Co. Limit, forfeit, none. Plans and specifications filed.

TLING ON ABOVE
Contractor..H. P. Fischer Tile & Marble Co., 318 N-California St., Stockton.
Filed Oct. 14, '14. Dated Oct. 7, '14.
Payments same as above.....
TOTAL COST, \$1603
Bond, \$802. Surety, Maryland Casualty Co. Limit, forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE
Contractor..Henderson Bros., 9 N-Sacramento St., Stockton.
Filed Oct. 14, '14. Dated Oct. 7, '14.
TOTAL COST, \$1025
Bond, \$2015. Sureties, George A. Keagle and A. O. Edlemon. Limit, forfeit, none. Plans and specifications filed.

DWELLING, ETC.
EXACT LOCATION NOT GIVEN, San Joaquin County. All work for one-story frame dwelling, two story frame barn and tank house.

ADDITION
NO. 418 O ST., LOT 3 and W 10 feet Lot 4, O, P, 4th and 5th Sts., Sacramento. One-story brick addition.
Owner.....The Buddhist Church.
Architect...None.
Contractor..Barton & Hite.
COST, \$625

RESIDENCE
Y ST., near 39th, on Lot 12 Blk "E" Sub "E," South Sacramento. Five-room residence.
Owner.....W. T. Foster, 35th and Cypress Ave., Sacramento.
Architect...None.
Contractor..W. I. Davis, 3634 Park Ave., Sacramento.
COST, \$2000

DWELLING
NO. 430 U ST., E ½ Lot 4, U, V, 3rd and 4th Sts., Sacramento. Eight-room dwelling.
Owner.....Manuel Jacinto.
Architect...None.
Contractor..J. Lucas, 1684 V St., Sacramento.
COST, \$2700

ADDITION TO RESIDENCE
NO. 701 McINTYRE AVE., Lot 6038 McIntyre Tract, Sacramento. One-story frame addition to dwelling.
Owner.....H. Garibaldi.
Architect...None.
Contractor..C. J. Hopkins.
COST, \$950

ALTERATIONS
NO. 426 U ST., on W ½ Lot N ½ of Lot U, V, 3rd and 4th Sts., Sacramento. Move dwelling and place new foundation.
Owner.....Manuel Jacinto.
Architect...None.
Contractor..J. Lucas, 1604 V St., Sacramento.
COST, \$800

DWELLING
NO. 311 SIXTH ST., Lot 5 T Street Court, Sacramento. Five-room dwlg.
Owner.....W. J. Clancy.
Architect...None.
Contractor..T. B. Hunt.
COST, \$2000

BUILDING CONTRACTS.
SAN JOAQUIN COUNTY.

HOTEL
SW COR. PINE & SCHOOL STS., Lodi. Interior and exterior painting, varnishing, staining, enameling and tinting for three-story and basement steel frame hotel building.
Owner.....Lodi Investment Co., Lodi.
Architect...E. B. Brown, Suite 12 Masonic Temple, Stockton.
Contractor..J. L. Pickering, Lodi.

Owner...Edward Beck, Oakland.
 Architect...Guy Taylor, 123 Walsworth Ave., Oakland.
 Contractor, Guy Taylor, 423 Walsworth Ave., Oakland.
 Filed Oct. 20, '14. Dated Oct. 17, '14.
 All concrete foundations in...\$ 700
 House plastered, house and barn enclosed and shingled..... 1050
 When completed..... 875
 Usual 35 days..... \$350
TOTAL COST, \$3500
 Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

COMPLETION NOTICES.

SAN JOAQUIN COUNTY.

RECORDED ACCEPTED
 Oct. 28, 1914—JACKSON AND SAN
 Joaquin Sts. (Jackson School Pkty)
 Stockton. Board of Education of
 Stockton to Daniels & Green.....
Sept. 25, 1914

LIENS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 Oct. 20, 1914—N ½ LOT 4, M, N, 2ND
 and 3rd Sts., Sacramento. Barton
 & Hite vs Bernard J Flood (as executor of Estate of Ferguson Burns, dec'd).....\$504.25

RELEASE OF LIENS.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 Oct. 19, 1914—LOTS 477 AND 478,
 Central California Traction Unit
 No. 6, Sacramento. Sacramento
 Home Builders Supply Co to H C
 Brown, Eleanor Investment Co,
 Cosumne Co and Alden Anderson

LOS ANGELES AND SOUTHERN CALIFORNIA.

GARAGES—1 story, reinforced concrete. Cost not stated. California. Architect, none. Owners, Coast to Coast Auto Co., San Bernardino. Articles of incorporation have been filed in San Bernardino for the Coast to Coast Auto Company, which is to operate garages along the Old Trails National Highway. The incorporators are C. L. Wheatland, C. A. Anthony, G. M. Hale R. F. Cline, all of San Bernardino, and W. A. Ramsey of Los Angeles. The capitalization is \$25,000. According to the plans of the corporation, garages will be taken over from Needles to San Bernardino, on toward Los Angeles, and probably from Barstow to San Francisco and from Los Angeles to San Diego.

HOTEL—5 story and base. Class B construction. Cost not stated. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owner, Mrs. Nelms. The building will be erected on Catalina street, having a frontage of 50 feet and a depth of 120 feet, and will contain 125 guest rooms besides a large office, dining room and lobby. Interior will be finished in pine with some hardwoods. There will be steam heat, a hot water supply and elevator service. A number of the rooms will have private baths which will be finished in tile. A tile floor will be used in the lobby. Exterior of the building will

be faced with ruffled brick trimmed with terra cotta. Plans are being prepared.

HOSPITAL—2 story and base, brick and steel. Cost not stated. Ventura, Ventura Co., Cal. Architect, Albert C. Martin, Higgins Bldg., Los Angeles. Owners, Ventura County. All bids recently opened for this work have been rejected. Plans will be slightly revised and new figures will be called. Further mention will be made of the work at that time.

BRIDGE—Reinforced concrete. Cost not stated. San Luis Obispo, San Luis Obispo Co., Cal. Engineer, County Surveyor, San Luis Obispo. Owners San Luis Obispo County. Plans and specifications for the construction of a reinforced concrete bridge over the Atascadero creek on the State Highway have been adopted by the Board of Supervisors, and bids will be received by them until November 5th at 10 a. m.

BREWERY—5 story and base, brick and steel, \$30,000. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, East Side Brewing Co. The building will be erected on North Main street, covering an area of 96 by 65 feet. Extra heavy construction will be used. Interior will be finished in pine. There will be special machinery, which is not included in the estimated cost. Exterior of the building will be faced with stock brick. Plans are now being prepared.

PORTLAND AND OREGON.

BANK AND OFFICES—4 story and base. Class A construction. Cost not stated. Portland, Ore. Architect, none. Owners, Citizens' Bank of Portland. The Citizens' Bank, 120 Grand avenue, Portland, has purchased the northwest corner of Grand avenue and Adler street and state that they will erect a four-story structure of granite, brick or concrete. As yet no architect has been selected, but it is thought that the directors of the bank will make a selection soon. The site is 50 by 100 feet in dimensions. N. U. Carpenter is president of the bank. This report should not be confused with a report printed recently relating to the new building to be erected by the First National and Security Savings and Trust Co. of Portland on property at the southwest corner of 5th and Stark streets, Portland.

APARTMENT HOUSE—2½ story and base, brick and concrete, \$30,000. Portland, Ore. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Metropolitan Investment Co. The building will be erected on 19th street near Washington, and will cover a considerable ground area. There will be eight apartments of six rooms, each apartment occupying a part of both the first and second floors. Separate entrances will be provided for each apartment. Interiors will be finished in pine, eastern oak, mahogany and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception hall. There will be steam heat and open fire places. Mantels will be of tile. Tile wainscot and floors will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND APARTMENTS—2 story and base, brick. Cost not stated. Portland, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owner's name withheld. The building will be erected at the corner of Broadway and Larrabee streets. There will be stores on the first floor. Upper floor will be arranged for modern apartments of two rooms each. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES—2 story and base, brick, \$35,000. Portland, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owner, Rodney L. Gilson. The building will be erected at the corner of 4th and Couch streets, covering an area of 100 feet square. There will be several stores on the first floor and a number of modern offices on the upper floor. Interior will be finished in pine with some hardwood. Marble and tile will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE HALL AND STORE—3 story and base, brick and concrete, \$30,000. Hillsboro, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge Hall Association. The building will have a frontage of 64 feet and a depth of 120 feet. The first floor will be leased for stores. Basement will contain a gymnasium, swimming tank, bowling alley and the mechanical equipment. Second floor will contain a large auditorium and ball room and social rooms. The third floor will also contain lodge rooms, cloak rooms and a banquet hall. Interior will be finished in pine and hardwoods. A maple floor will be used in the ball room. There will be steam heat. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded

HEAD WORKS AND INTAKE—\$19,160. Hood River, Ore. Engineer's name not given. Owners, East Fork Irrigation District. Contractors, Andras & Bode (North Construction Co.), Lewis Bldg., Portland. Contract price, \$19,160.

SEATTLE AND WASHINGTON.

COLD STORAGE WAREHOUSE—1 story and base. Class A construction. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. All bids for the construction of the cold storage apple warehouse have been rejected by the Port of Seattle Commission, and new plans have been ordered prepared. The new plans will include the fish storage warehouse. The Butler Contracting Company of Seattle was awarded the contract, but this award has been withdrawn. The building on which bids will be taken in about three months will cost in the neighborhood of \$200,000 exclusive of the machinery, which will cost \$200,000 additional.

COMMERCE AND INDUSTRIES OF BRITISH COLUMBIA.

[Consul General R. E. Mansfield, Vancouver.]

The consular district of Vancouver includes all of British Columbia except the island of Vancouver, and also East Kootenay, and the jurisdiction of this consulate general extends over the entire Province and Yukon Territory, with consulates at Victoria, Dawson, and Fernie, and consular agencies at White Horse, Yukon, Cumberland, Nanaimo, Nelson, and Prince Rupert, British Columbia. The Province is the largest in the Dominion, having an estimated area of 395,500 square miles.

Lumber Industry of British Columbia.

The lumber industry of British Columbia is the most important industrial feature of the Province. Half of the industrial capital is invested in the lumbering and woodworking business, half the pay roll of the Province is derived from the forests, and 37 per cent of the annual wealth production is attributed to the same source.

The lumber cut in British Columbia in 1913 amounted to 1,457,041,939 feet, a figure in excess of any previous record for the Province. Adding the material used in railway and other construction work during the year, the total is approximately 2,000,000,000 feet.

There were 800 logging operations in progress during the year on timber lands on which a royalty was reserved to the Crown. The result of these operations for the year was approximately 1,248,000,000 feet of logs, 87,805 cords of shingle bolts, 3,020,010 linear feet of piling, 35,000 mining props, 15,500 cedar posts, and 5,092,718 linear feet of cedar poles.

The total value of the timber products of the Province for the year was \$32,500,000. The export trade amounted to 51,500,000 feet. In addition to the lumber exports, British Columbia exported to the United States 52,000,000 feet of logs cut from private lands.

There are in operation in British Columbia some 275 sawmills, large and small, with an approximate daily capacity of 5,500,000 feet.

The forest area of the Province is estimated at 182,750,000 acres, including lands covered with small trees. The stand of merchantable timber is estimated at 120,000,000,000 feet. The coast is heavily timbered from the southern border to Alaska. The forest line follows the shore and river valleys, fringing the mountain sides. The most valuable trees are Douglas fir, cypress, red cedar, white spruce, and eastern hemlock. Other trees are white pine, tamarack, balsam, yew, maple, and cottonwood.

Shipping—Harbor Improvements.

Ocean shipping constitutes one of the important branches of business in British Columbia. There are many fine harbors along the coast, chief among which are Vancouver, Victoria, New Westminster, and Prince Rupert, the first named being the principal outlet and transfer point on the mainland, as well as the railway, commercial, and industrial center of the Province. To accommodate the increasing business, extensive harbor improvements are being made in the ports mentioned, for which Govern-

ment appropriations approximating \$15,000,000 have been made.

The improvements in the Vancouver Harbor include a Government dock, now in course of construction at a cost of \$1,000,000; a dry dock and shipbuilding plant by the Dominion Shipbuilding & Dry Dock Co. (Ltd.), on the north shore of Burrard Inlet, a total cost of \$5,000,000, work on which was recently begun; a proposed drydock, shipbuilding, and engineering scheme immediately east of the first narrows on the inlet, by the Amalgamated Dry Dock & Shipbuilding Co., at an estimated cost of \$6,000,000, on which the Government guarantees an annual cash subsidy of 4 per cent, to be paid in proportion to the expenditures on the work as it progresses.

Other improvements in the Vancouver Harbor under way or already planned for Burrard Inlet and False Creek, the two bodies of water affording harbor facilities for the city, include the following: Piers and warehouses for the Canadian Pacific at a cost of \$750,000; reinforced concrete dock just completed for the Great Northern Railway Co., \$600,000; Canadian Northern terminals and docks, including causeways and reclaiming 160 acres of tidelands at a cost aggregating several million dollars; widening First Narrows channel entrance to the harbor from 460 to 2,200 feet, at an approximate cost of half a million dollars. In addition to these harbor works, other railway and steamship companies with terminals in Vancouver are building additions and making improvements to their wharves and piers, and otherwise increasing their facilities for handling the port business.

At New Westminster, the freshwater harbor under civic control is to be improved at an estimated cost of several million dollars, and the main channel of the Fraser River is to be dredged and a sea wall constructed at the mouth of the Pitt River, at an estimated expense of \$1,000,000.

Government work at Victoria includes a breakwater 2,550 feet long, from which will project four piers, the contract for two of which has been let, one 1,000 and one 800 feet long, and each 250 feet wide. For the initial expenditure on this project the Government has appropriated \$2,500,000.

Esquimalt Harbor, on Vancouver Island, which formerly was a British naval station, is also being improved. The Government has appropriated \$500,000 for the initial work on a dry dock, which will cost when completed \$1,000,000. The dock will be 1150 feet long and 110 wide, with water depth of 35 feet. Its capacity will be equal to the largest vessels afloat. There is also at Esquimalt a shipbuilding plant that has turned out a number of fairly large passenger and freight vessels, including the Canadian Pacific Railway Co.'s coasters.

At Prince Rupert, a port that came into existence in 1906, a large dry dock and extensive harbor improvements are being constructed that will afford ample docking and repairing facilities for vessels. It is the terminus of the Grand Trunk Pacific Railway, the last link in the construction of which was completed this year. The railway connection will add greatly to the importance of the port, as the line traverses a section of British Co-

lumbia and other western Provinces that are rich in natural resources. The outlet for the products of the region will be through Prince Rupert.

There was considerable activity in Vancouver during the last year, notwithstanding the serious depression from which it is only beginning to recover. Buildings completed and those begun last year which will be finished during the present year cost approximately \$7,250,000.

Opportunities for American Trade.

British Columbia offers splendid opportunities for American Trade. Conditions are especially favorable for establishing new business. The country is still in the development stage, and is without the established trade connections common to older countries, but great progress was made in railway building in the Province during the last year, an aggressive campaign or railway construction is still going on, and transportation facilities are being extended into new territory, covering areas of country hitherto practically inaccessible, or reached with difficulty. In addition to railway building there has been great activity in the construction of highways, which has the encouragement and material assistance of the provincial government.

The increasing interest in forming in British Columbia furnishes opportunities for the sale of farm implements, machinery, and tools. The activity in the building trades furnishes a market for building material, and the construction of highways require road-making machinery and tools, all of which can be supplied by American manufacturers.

In the commercial centers, where there is an established trade, practically every article of utility of American manufacture can be found in the stores and shops, many of which are advertised as American, showing that the products of the United States are favorably regarded by the trade. Another important consideration is the large number of American citizens residing in the Province, many of whom favor American-made articles, especially in furniture, office furniture and supplies.

Furniture—Building Hardware.

There is a demand in British Columbia for American-made furniture. Styles in architecture and the plans and arrangement of homes, especially in the matter of furniture, are influenced largely by the customs prevailing in the United States. The bulk of the stocks of furniture carried by the large wholesale and retail dealers in Vancouver are imported from the United States, and the trade depends largely upon the United States for its supply of home furnishings.

Building hardware is also in demand. The great activity in the building trades in recent years has furnished a market for hardware of all kinds, in which American exporters have secured a fair share of the trade. There is less building at present, owing to the general financial and industrial depression prevailing throughout the Province, but the reduction of stocks and the curtailing of trade incident to this unfavorable condition will, when it has passed, result in an increased demand for hardware that should be made the most of by American manufacturers and exporters.

SAN FRANCISCO SECOND IN ERECTION OF CONCRETE BUILDINGS.

BUILDING OPERATIONS SPASMODIC.

General Decrease in Expenditures in 1913, but No Index to Country's Prosperity.

If the degree of activity of the building industry is taken as an index to prosperity figures gathered by the United States Geological Survey of building operations in 1913 show that prosperity is sporadic. For instance, New York City, the largest building center of the country, showed in 1913 a considerable decrease from 1912, whereas Newark, only a few miles away, showed a large increase. Chicago, which showed the largest decrease in 1912, rallied and showed the largest increase in 1913. Most of the cities that showed increases in 1912 showed decreases in 1913. A few that showed decreases in 1912 showed increases in 1913, though none of these, except Chicago and Pittsburg, were among the larger cities. Many cities ascribe the decrease in 1913 to the fact that in 1912 the structures erected were unusually costly.

In 48 of the largest cities of the country, the total cost of building operations in 1913 was \$659,515,746, compared with \$738,989,510 in 1912. The greatest decrease was in New York City, \$56,414,655. The largest increase was in Chicago, \$6,492,527. New York City is the leading city in the cost of building operations, notwithstanding its large decrease in 1913. Last year the building operations of that city cost \$107,104,707. The maximum annual cost of building operations in New York City was reached in 1909, when it was \$186,047,477.

Efforts were made by the Geological Survey to obtain detailed information for all cities of 35,000 or more inhabitants—157 in number. Information was obtained from 147 of these cities in sufficient detail to permit the compilation of statistics. In these 147 cities the building operations in 1913 cost \$859,637,250. In 108 of these cities the new wooden buildings erected in 1913 cost \$174,197,866 and new brick buildings cost \$226,478,584. All other new buildings cost \$115,894,022. The cost of all additions, alterations and repairs was \$78,483,933. New concrete buildings were reported by 71 cities, of which Philadelphia was the leader, reporting a cost of \$4,634,855, and San Francisco was second, with \$3,745,389.

STEEL PRODUCTION INCREASED.

The total production of all kinds of steel ingots and castings in 1913, according to the American Iron and Steel Institute, whose figures are accepted by the United States Geological Survey, was 31,200,874 long tons, against 31,599,931 long tons in 1912. The production of steel by the electric process in 1913 amounted to 20,180 tons, compared with 18,209 tons in 1912. In 1909 only 55 tons of electric steel was produced. On December 31, 1913, the number of completed plans which were equipped for the manufacture of steel by the electric process was 19, an increase of 5 over the number a year previous.

The total marketed production of

ferro-alloys in 1913 as reported to the United States Geological Survey was 296,207 long tons, valued at \$13,015,362, compared with 228,683 long tons, valued at \$12,223,776, in 1912. Of the production in 1913, 121,517 long tons was made from imported ores received from Australia, Brazil, Canada, India, Indo-China, and Russia.

CROTHERS FOR SUPERIOR JUDGE.



RESOLUTION

Adopted and Approved by Over 500 Leading Attorneys.

Whereas, Superior Judge George E. Crothers, was appointed because of his exceptional qualifications in temperament, training and ability; and

Whereas, Judge Crothers has been designated by both the past and present Presiding Judge for the trial of important public and equity cases, which he has tried with such conspicuous fairness and ability that his decisions have the universal respect of counsel and litigants; and

Whereas, we, members of the bar of San Francisco, recognize the character and ability of Judge Crothers, and the urgent need of keeping him upon the Superior Bench;

Resolved, That we, regardless of political affiliations, recommend the nomination and election of Judge Crothers to succeed himself as Superior Judge, and we urge upon the members of the bar of San Francisco the duty of assisting in the election of Judge Crothers and the other men of proven integrity and ability who are candidates for judicial positions.

Judge Crothers has made good. He is a man of high character and learning and has proven himself eminently fitted for the position to which he has been appointed. Eight Superior Judges are to be elected at the general election November 3rd. Every voter should include him among the first names on his ballot.

\$85,000 LUMBER SALE.

United States Forestry Service Opens Bids on 26,650,000 Feet of Timber in Crater Forest.

KLAMATH FALLS (Ore.)—The Forest Service recently opened bids covering the sale of 26,650,000 feet of timber on the Crater National Forest, Oregon. The successful bidder is the Lamm Lumber Company.

The timber is situated on the watershed of Odessa Creek on the west side of Upper Klamath Lake, and consists of 24,000,000 feet of Western yellow pine and sugar pine, 2,000,000 feet of Douglas fir and 650,000 feet of white fir.

The company is to pay for the timber at the rate of \$3.50 per thousand

Time Table.

Oakland, Antioch & Eastern Railway.

LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only.
	Carries Parlor Observation Car.
11:00A	Sacramento, Pittsburg, Bay Point
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg Bay Point
1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & Way



OAKLAND, ANTIOCH & EASTERN RAILWAY

Key Route Ferry, Phone Suter 2339.
Red Line Trans. Co., S. F. People's Express Co., Oakland.

for the Western yellow pine and sugar pine and 50 cents per thousand for the Douglass fir and white fir.

This sale will bring into the treasury of the United States approximately \$55,000, and 35 per cent of this amount will be spent locally for schools and roads.

The company plans to erect a saw mill on Upper Klamath Lake for the sawing of this timber.

PIG IRON INCREASES.

The marketed production of pig iron in 1913, according to reports made to the United States Geological Survey, was 30,288,935 long tons, valued at the furnaces at \$158,342,245, compared with 30,180,969 long tons, valued at \$120,563,388, in 1912, an increase in quantity of 207,966 tons and in value of \$37,778,957. The average price per ton in 1913 was \$15.08, and in 1912 it was \$13.93.

ADDRESSES AT LATIN AMERICAN TRADE CONFERENCE.

A pamphlet giving the statements made by representatives of Latin American countries at a trade conference with American bankers and business men in Washington, Thursday, September 10, has been issued by the Bureau of Foreign and Domestic Commerce and is available for general distribution. The conference was called by the Secretary of State and the Secretary of Commerce to obtain a clear statement of the commercial needs of both the United States and the Latin American countries and the facilities for co-operation in supplying those needs. The statements made by the Latin American representatives set forth the conditions in their respective countries and the particulars in which the assistance of interests in the United States is desired. The opening statement by the Hon. William J. Bryan, Secretary of States, and an address by the Hon. William C. Redfield, Secretary of Commerce, are also included. The pamphlet may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 5 cents.

COMMERCE OF SALVADOR

(Vice Consul General A. J. Perrone,
San Salvador.)

The latest available international trade statistics for the Republic of Salvador show the United States maintaining first rank in both the imports and exports of the Republic. Official reports of the Government indicate the total trade for 1913 to have been over \$5,500,000, of which the imports were \$3,170,000, a decrease of nearly 10 per cent compared with those of the previous year, and the exports amounted to over \$9,400,000, an increase of about 10 per cent. This latter difference is accounted for by a corresponding increase in the coffee production.

The decrease of the imports may be explained as a natural effect of the general financial condition which the republic underwent during the latter part of the year. It was toward the end of the third quarter that a slight depression began to be felt; imports and exports fell off, though almost imperceptibly, and early in November the so-called Banco Nacional del Salvador became insolvent, causing the failure of several concerns of the country and dependent institutions broad, such as the firm of Trigueros, Arnold and Co., of London, and a banking house of Paris, a subsidiary of the Banco Nacional del Salvador. Capital was tied up and the situation became serious; business appeared to be at a early change for the better.

Imports from the United States.

The imports from the United States declined from a total of \$2,627,700 in 1912 to \$2,491,145, in 1913. The greatest loss is to be noted in the value of cotton cloth. In 1912 the imports of this article from the United States were valued at \$628,758, compared with \$46,385 for 1913. The following are some of the principle commodities imported from the markets of the United States for the year 1913: Glass and china ware, \$4,374; Hardware, \$495,692; Machinery \$181,074; Petroleum, \$25,226.

Financial Conditions.

Official statistics for 1913 show that the total revenues of the country were \$5,493,653, while the expenditures were \$6,471,564, a deficit of \$977,911. The figures for the calendar year 1912 were: Revenues, \$6,147,119; expenditures, \$6,671,520, a deficit of \$524,401.

On January 1, 1913, the total debt of Salvador according to the report of the Minister for Finance and Public Credit, was \$7,091,609; amortizations during the year amounted to \$132,094.

The semiannual balances of the four banks of Salvador, issued and published by the Government of Salvador early in July, 1913, showed the banks to be in excellent condition, the Banco Nacional del Salvador, with the others, showing a good profit for the period and paying a dividend of 4 pesos on \$0 per cent paid-up stock. The Banco Nacional del Salvador, however, failed early in November, 1913, with a loss of \$1,600,000. This failure affected the business interests of the country to a considerable extent. It brought about a lack of confidence in the remaining three banks, which caused runs on all of them. This situation was saved by a decree of the Government issued on November 7, 1913, which required the banks to import half a million

lion pesos silver with which to meet their obligations, and exempting them from the necessity to pay such obligations, except in bank notes, for a period of six months thus enabling them to protect themselves by holding their silver in reserve.

Public Works and Improvements.

While the work of paving and sanitation of San Salvador, the capital of the Republic, has not actually begun, steps have been taken to bring this about as early as possible. The local board of public works (Junta de Fomento) has been considering questions to further these projects. The impeding difficulty at present is the lack of funds to begin the work, which the municipality has been unable to borrow owing to the financial difficulties arising from the failure of the Banco Nacional del Salvador.

The board of public works is carrying to conclusion as rapidly as possible the construction of the new national theatre in the capital and is completing the municipal theatres in Santa Ana and Sonsonate. The water supply of the capital and conditions connected therewith have been improved. Several large bridges and a number of small ones have been built during the year, and the principal highways have been slightly improved. The telephone and telegraph lines and service have been extended and improved, and the Government has for some time been considering the installation of a new and more modern telephone system.

A concession has been granted to a subject of Austria-Hungary for the digging of artesian wells, a prime necessity in Salvador owing to the scarcity of water in many sections of the country during the dry season.

The school system of the Republic has been improved and new schools established, such as the School of Graphic Arts and the School of Commerce.

Railway Construction.

The Salvador Railway Co., (Ltd.) has continued its schedule of train service between the capital city and the port of Acajutla, and from the town of Sitio del Nino to the second city of the Republic, Santa Ana, a distance of 25 miles. The work of reconstructing the branch line from the town of Ateos to the town of Santa Tecla, which has not been in operation for several years, is nearly completed.

The Salvador section of the International Railways of Central America has progressed satisfactorily, the surveys having reached San Salvador and work having been taken up at Santa Ana on the same line. The matter of constructing a railroad from the port of La Libertad to San Salvador and Santa Tecla has been placed under the supervision of a concessionaire (whose name is on file in the Bureau of Foreign and Domestic Commerce). It is planned to begin work on this road in the fall of 1914 and to complete the construction within two years.

Harbor and Shipping Facilities.

The wharf which was commenced in 1912 at La Union is completed and greatly facilitates the loading and unloading of steamers. The unsatisfactory methods of handling freight by lighters is still necessary at the ports of Acajutla and La Libertad. The steamers of the Pacific Mail Steam-

ship Co., seven in number, are scheduled to touch at Salvadoran ports every 10 days on voyages between Ancon, Panama, and San Francisco, Cal., but this service is irregular. The service of the Salvador Railway Co. between Salina Cruz, Mexico, and La Jinto, Nicaragua (Three steamers of about 1,000 tons burden each), has become even more irregular, owing to the sinking of one of its steamers, the Jiquilisco, in 1911.

MINOR JOBS ABOUT TOWN.

1503 Gough reshingling roof; owner, L. C. Stewart, Premises; contractor, Ferguson & Son; cost, \$167.
N California 10 W Joice Place, alterations; owner, H. C. Lackman; cost, \$150.

2817 Greenwich; alterations; owner, Mrs. A. Koehne; cost, \$100.

3121 Washington; alter stairs; owner, W. Levy, 1501 Larkin; contractor, R. Ferguson, 1672 Geary; cost, \$200.

SW Broderick and Green; construct pergola; owner, J. Pasqualetti, 785 Market; cost, \$190.

1307-07-A Guerrero; terrazzo steps; owner, M. Tierney; cost, \$250.

311 Spruce; repair for garage; owner, C. A. Shurtliff, Premises; cost, \$150.

Market, Turk and Mason; electric sign; owner, Turner & Dahnen, Prem contractor, Novelty Elec. Co., 165 Eddy cost, \$200.

SW Hayward and Harrison; construct marquise; owner, Independent Brewing Co., Seattle, Wash.; contractor, Golden Rule Metal & Iron Works, 255 Jersey; cost, \$100.

2145 Lombard; add porch and install door; owner, Jas. Early; contractor, B. Maisler, 777 Ellis; cost, \$150.

14 Phoenix; alterations; owner, F. Rodriguez, Premises; cost, \$200.

1013 Steiner; alter and repair; owner, P. B. Acton, Premises; contractor, S. A. Hansbrough, 659 Fillmore; cost, \$200.

1119 Stanyan; alter doors; owner, J. H. Mortza, Premises; cost, \$175.

2464 Broderick; one-story frame shed; owner, May C. Monsarrat, contractor, Kenyon Pacific Co., Market & Franklin; cost, \$175.

561 Columbus; repair store; owner, Ernest Lepoli, Premises, contractor, G. Gindici, 299 Broadway; cost, \$125.

E Monioe 68-2 N Bush; alter apartments; owner, H. B. Pinney, 2830 Buchanan; cost, \$100.

3224 22nd; alterations; owner, M. A. Deeney, Premises; cost, \$165.

1122 Market; alterations; owner, M. J. Platshek, Premises; cost, \$125.

S Turk 175 W Baker; alter dwelling; owner, Mrs. E. Beissi, 1856 McAllister; cost, \$100.

2917 Clay; new front and minor changes; owner, Dr. F. W. Richardson, Premises; contractor, Theo. S. Hoin, 1449 Hyde; cost, \$250.

174 6th; electric sign; owner, Acme Brewing Co., 1401 Sansome; contractor, Novelty Elec. Sign Co., 165 Eddy; cost, \$100.

NE Mission and 15th; electric sign; owner, C. Morden, Premises, contractor, Novelty Elec. Sign Co., 165 Eddy; cost, \$100.

1190 Grant Ave.; electric sign; owner, Leong Entow, Premises; contractor, Brumfield Elec. Sign Co., 18 7th; cost, \$100.

300 San Bruno Ave. one-story frame barn, owner, S. Coen, Premises, cost, \$150.

673 Pacific, alterations; owner, Jos. Deonic, cost, \$200.

SE Webster and Vallejo; alter dwlg, owner, M. Malloy, 2325 Van Ness Ave., contractor, Geo. Henley, 110 Jessie; cost, \$250.

1923 Bush; cement floor, owner, Wm. H. Kerrigan, 5153 Shafter Ave., Okd.; cost, \$100.

1448 Union; excavate, concrete floor, and wash tray; owner, Mrs. C. Maushardt, Premises; contractor, L. Hippeley, 1464 Grove; cost, \$200.

E Steiner 70 N Post; ratproof basement; owner, A. Hansen Estate, 440 16th; contractor, Grant Fee; cost, \$100.

17 Sonoma; alter front; owner, P. Fario, Premises; cost, \$165.

287 Arguello Blvd.; one-story frame garage; owner, Ike Walker, Premises; contractor, T. J. Sheridan, 1468 Page; cost, \$100.

2238 Market; shingle roof and new gutter; owner, Mrs. E. C. Anderson; cost, \$100.

131 5th Ave.; erect furnace in basement; owner, E. Ginley, Premises; cost, \$160.

End of Cheney; two-story frame stable; owner, Crocker Estate Co., 525 Crocker Bldg.; contractor, Wm. Regan 326 Hanover; cost, \$300.

9 Fifth Ave.; repair for garage; owner, G. Brown, Premises; cost, \$50.

352 Linden Ave.; repair stable; owner, R. W. Leslie, Premises; cost, \$225.

SE Second Ave and Clement; shingle wall; owner, Wm. Spruce, Premises; cost, \$175.

MINOR JOBS ABOUT ALAMEDA CO.

2521 Telegraph Ave., Bkly.; alterations; owner, S. Sasaki; contractor, S. Kuramoto; cost, \$100.

85 Linda Ave., Okd.; alterations; owner, Mrs. Walling, contractor, J. R. Sorensen, cost, \$100.

N Prospect 50 W Spruce, Okd.; garage; owner, F. P. Porter; cost, \$225.

676 7th, Okd.; reshingle; owner, Ed. Planer; contractor, J. A. Parkinson; cost, \$100.

1225 E-12th, Okd.; reshingle; owner, J. A. Meads; contractor, J. H. Bruecker; cost, \$225.

3041 Douglas, Okd.; addition; owner, S. Bassignan; contractor, H. Broadway; cost, \$100.

SE 14th and Webster, Okd.; alterations; owner, W. T. Baker; contractor, J. Svenson; cost, \$200.

207 41st, Okd.; addition; owner, J. Fenton; cost, \$200.

NW Cor. 12th and Washington, Okd.; alterations; owner, Masonic Temple Association; cost, \$200.

22 Lydia, Okd.; alterations; owner, Schwagel; contractor, J. R. Bonds; cost, \$200.

S Warren 100 E Piedmont, Okd.; garage; owner, Mrs. Wichen; contractor, J. F. Loughery; cost, \$115.

2903 Forest, Bkly.; alterations; owner, Johnson; contractor, W. W. Idings; cost, \$200.

281 25th, Okd.; alterations; owner, Mrs. A. Bern; contractor, Justus Norris; cost, \$295.

431 11th, Okd.; roof repairs; owner, California Produce Co., contractor, J. R. D. Mackenzie; cost, \$125.

W Cotton 300 S Railroad Ave., Okd.; one-story clubhouse; owner, California Cotton Mills; cost, \$200.

187 Moss Ave., Okd., alterations; owner, H. H. Shubbs; cost, \$150.

N Mather 150 W Gilbert, Okd.; garage, owner, Wallace Clark; cost, \$175.

S Bunice 150 E Spruce, Bkly.; addition; owner, Walter Elmer; contractor, M. P. Heldt; cost, \$150.

NW Woolsey and Hildgass, Bkly.; garage; owner, P. Noble; cost, \$200.

SW Cedar and Spruce, Bkly.; reshingle; owner, St. John's Chapel; contractor, H. H. Porter; cost, \$145.

SW 11th and Clay, Okd.; roof repairs owner, W. W. Garthwaite; contractor, J. R. D. Mackenzie; cost, \$150.

1011 Randolph Ave., Okd.; garage; owner, Carl E. Anderson; cost, \$100.

4895 Broadway, Okd.; alterations; owner, Mrs. G. Le Protti; cost, \$100.

101 Webster, Okd.; roof repairs; owner, Kottenberg Co.; contractor, J. R. D. Mackenzie; cost, \$100.

2673 Boehmer, Okd.; alterations and additions; owner, Jas. Ferreira; contractor, M. Thomas; cost, \$195.

472 25th, Okd.; shingling; owner, M. Gonsalves; cost, \$100.

1630 55th Ave., Okd.; addition; owner, Mrs. J. Hansen; contractor, C. S. Schwartz; cost, \$225.

S Woolsey 70 E Sacramento, Bkly.; garage; owner, G. W. Rumble; cost, \$250.

1752 Webster, Okd.; addition; owner, Geo. F. Drake; contractor, A. H. Rose & Co.; cost, \$160.

889 31st, Okd.; repairs; owner, Sarah Cronin; contractor, C. M. Blabon, cost, \$270.

1752 Webster, Okd.; addition; owner, Geo. F. Drake; contractor, A. H. Rose & Co.; cost, \$170.

2510 Woolsey, Bkly.; garage; owner, R. M. Booth; contractor, Edw. Booth; cost, \$100.

PRESENT CONDITIONS IN ECUADOR AND CHILE.

[Vice Consul General Charles F. Baker, Guayaquil, Ecuador, Sept. 12.]

Conditions in Ecuador at present are not far from normal. The country had the good fortune to have exported the major portion of its cocoa crop before the war began. The rest of the crop is being exported, mainly to the United States, some small shipments going to England, Spain, and Italy. The prices there are 20 to 35 per cent lower than usual, it is true, but it is infinitely better to get these prices than to have no market at all, as might easily have happened. As it is, the farmers and the exporting merchants are able at least to pay expenses and to keep their labor forces intact.

Most of these goods go to New York and San Francisco, so that the United States is saving the situation for Ecuador, which fact is highly appreciated by the commercial interests of this country.

Great Variety of Goods Wanted—Remittances.

As regards imports, Ecuador seems to be pursuing a very sound policy, buying lightly, for the time being, and only in the lines of immediate necessity. So that if American interests, aside from those dealing in such necessities, seem to receive little encouragement for the present, they should not be surprised. No effort should be spared, however, to keep in touch with this market for the sake of future business.

Ecuador is almost entirely depen-

dent upon the outside world for everything but sugar, rice, vegetables, fresh fruits, tobacco, meats, and lumber.

Public Works.

Public works, such as sanitation at Guayaquil, railway surveys, railway construction, and various minor municipal improvements, have been continued without interruption.

[American Minister Henry P. Fletcher, Santiago, Chile.]

Unemployed Nitrate Workmen—Exchange.

The blow given to the nitrate industry by the European war deprives the Government of Chile of its main source of revenue and has already thrown many men out of employment. These men, being unable to subsist in the pampas, are being brought to Valparaiso and Santiago, and to keep them employed the Government proposes to hasten construction work on several branch railway lines and to employ as many as possible on other public works, including the highways, which are in need of repair.

According to the Minister of Foreign Affairs, arrangements have been made whereby Chilean currency will be delivered here against gold deposits to the order of the Chilean Government in certain New York banks. This has been of great assistance to the American and other companies operating in Chile, who found themselves in urgent need of currency to pay their employees and unable to obtain it in the usual way by selling drafts on London, because, since July 30, the banks have refused to quote London or European exchange, and heretofore practically all exchange business was done on London.

The establishment of an American bank in Chile would, in my opinion, undoubtedly facilitate and stimulate our trade, and is practically a necessity if we expect to get our share of the business here.

PREPARE FOR PEACE!

The United States is a peace loving nation. There is not the slightest danger that it will ever succumb to what is known on the continent as "militarism." But that is not reason why it should refuse to take the precautions that common sense dictates to safeguard itself from attack.

It does not need and it does not want a large army. It does want a highly efficient army, with enough available reserves to make an effective defense. It does not require the largest navy in the world. It does require a navy large enough to protect it from invasion and to make its word respected.

In the next few years the Monroe Doctrine is likely to be challenged a it never has been before. If this government is to enforce the doctrine and to prevent the establishing of foreign military and naval bases in the New World, it must be prepared to do something more than say, "Oh, please don't do that." If it is so prepared it won't need to do anything more than say "Please." If it isn't so prepared it must be ready to see the Monroe Doctrine flouted, and to get the retort, "What are you going to do about it?"

The issue raised by Representative Gardner of Massachusetts in his resolution of investigation is not one of militarism or anti-militarism. It is one of self protection.—Kansas City Star.

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Fourteenth Year, No. 44

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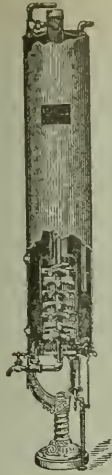
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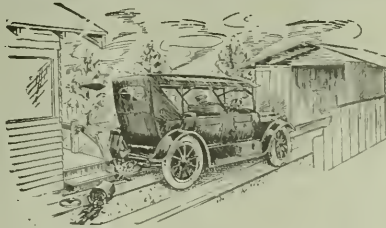
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Editorial Comment.

THE PARALLEL OF 1908-9.

Six years ago Europe was on the brink of war, and a conflict was only narrowly averted. The events leading up to that incident are of especial interest today, paralleling as they do some of the events that preceded the great war.

When Russia fought Turkey in the '70s, Austria obtained, as a reward for her neutrality, control of the Turkish provinces of Bosnia and Herzegovina. These provinces were inhabited by Servians, and while their administration was left to Austria, Servia looked forward to their ultimate annexation. The announcement in 1908 that Austria had formally annexed the two provinces created excitement almost equal to that occasioned by the dispatch of the ultimatum to Servia in July, 1914.

England at once announced that any modifications of the treaty of Berlin under which Austria was administering Bosnia and Herzegovina must be approved by another European congress, and Russia and France supported the demand. Germany, as was the case six years later, came to the aid of its ally. The tension increased through the winter. Russia began mobilizing. A note from Berlin conveyed the information that if military preparations continued, Russia would have Germany to fight as well as Austria. The czar's government was still crippled from its war with Japan. It could not afford a war with the great military monarchies of Central Europe. So it complied with the German demand.

Meanwhile England discovered a way out by which the members of the Triple Entente managed to save their face. Sir Edward Grey announced that Great Britain could not admit the right of any power to alter an international treaty without the consent of the other parties to it. But as Turkey was the power chiefly affected by Austria's action, England would be content to await its pleasure.

Turkey, knowing there was not the most remote possibility of ever regaining the provinces, was willing to compound Austria's offense by a small money payment, and the war danger gradually passed. A little later the kaiser, visiting Vienna, reminded the Austrians that he had stood "in shining armor" beside their ruler in the recent crisis.

Undoubtedly the German government was ready then, as it was last July, to go to war on behalf of its ally. The proceedings of 1908-9 recall the statement made in the German official "White Paper," issued after the outbreak of war:

The Austro-Hungarian government advised us of its view of the situation (regarding Servia) and

asked our opinion in the matter. We were able to assure our ally most heartily of our agreement with her view of the situation and to assure her that any action she might consider it necessary to take to put an end to the movement in Servia directed against the existence of the Austro-Hungarian monarchy would receive our approval. We were fully aware in this connection that warlike moves on the part of Austro-Hungary against Servia would bring Russia into the question and might draw us into a war in accordance with our duties as an ally. However, recognizing the vital interests of Austro-Hungary which were at stake we could neither advise our ally to a compliance that would have been inconsistent with her dignity, nor could we deny her our support in this great hour of need.

War would have resulted in 1908-9 if Russia had been in shape to fight. Under analogous conditions in 1914 the war came because Russia refused to yield.—Kansas City Star.

There are two contrasting items in the world's news that show the folly of war. One showed how the people of Europe are flocking to subscribe to the war loans, and the other how the people of this nation were subscribing to the red cross funds and instituting means for the succor of the thousands of homeless and starving of Europe, made so by the armies of neighboring nations and by the funds that the people of Europe have subscribed.

So the world goes on so long as the world continues to arm and to listen to the talk of war. So long it will go until there is an effective international police that can and will discipline a nation that does not obey the law.

The project of bringing the destitute Belgians to California seems to be gaining favor with the people generally. It is worthy charity and even if some do become charges on the country we can help the world a little by help bearing the burden that has fallen on the innocent because of this brutal war.

There are a great many manufactures in Europe that are now at a standstill. And no doubt they will be for some time to come. Our people must find a substitute for the articles that have been imported heretofore and perhaps many of these people might be useful in building up manufactures of the articles that were produced in their home country.

This war may mean the end of kings and queens, as John Sobieski believes, but whether it does or not it means the end of hundreds of thousands of just plain people.

As many as 72 different kinds of wood are used in the manufacture of umbrella handles, canes and whips in this country.

Some Suggestions On Estimating.

By L. M. Wilson in the Wood-Worker.

Estimating is being accomplished along more scientific lines each succeeding year, and the estimator who has a good, rapid and accurate system for this important work possesses something to be proud of. When I say rapid system I don't refer to the estimator who, when called upon to make an estimate on some work, begins by finding the number of cubic feet in the building or case and multiplies this by some mysterious fraction. While a few of these systems do very well in making a lump bid, they are not practical when considered from a business standpoint.

But these methods are fast disappearing. One reason for this is that the mill owner now wants his work done with some system. Most mills now have a list made out of all the different parts, and the listed forms are turned over to the estimator, who places an estimate on each part separately. These sheets are then handed to the proprietor or general manager for final approval. This listing of the different parts serves a two-fold purpose. One is that when the estimate is receiving its final examination, if one sees some part on which the estimate looks to be either too high or too low, the item can be checked off and the matter taken up with the estimator. The other good feature is that quite frequently the builder desires to make some change in the plans, such as leaving out a door or window or some interior change, and by referring to the parts to be changed the estimator can inform the builder in a few moments just what it will cost to make the change.

One method employed on dwellings, by some estimators, is to take the number of square feet contained in each floor and multiply this by some fraction; on furniture and store fixtures they find the number of cubic feet in the piece and multiply by some fraction. I have found, however, that this method is the cause of a great deal of annoyance. For instance, should the proprietor ask what a certain part of the work had been estimated at—that is, a section of some case that had been estimated in one solid body—you have to refigure this section, while if you make a list you can secure the estimating sheet for this contract and show him in a few minutes the amount at which this section had been estimated.

When estimating store fixtures or interior finish, it is only necessary to find the cost of one lineal foot and multiply the number of lineal feet in the design by this cost. But when estimating what is termed open work, one can work very accurately and rapidly upon the following method: Suppose we have to make an estimate upon some wall shelving, say 8-ft. high, 26-in. deep and 32-ft. long, the ends to be paneled and all exposed parts to be made of quartered white oak, the top, bottom, shelves and back to be made of cypress, the shelving to be made with eight com-

partments, 4-ft. on centers, joint to be in center, the pilasters to $\frac{3}{4}$ x3-in.x 7-ft., with base 5-in. and cornice 7-in. high.

First we find the amount of material in the paneled ends, which is $2\frac{1}{2}$ x-ft., and in the nine pilasters, 15x-ft. Next find the amount of material needed to construct the style of cornice and base. Then find the amount of material required to edge veneer and shelves and any part of the top or bottom which will be exposed. Add these amounts together and multiply by the fixed price you have on quartered white oak. Some estimators figure the strips to be used as edge veneers at a much lower price than the rest of the stock. I think this is wrong, for the firm pays just as much for the strips as for the wider stock, therefore they should be estimated at the regular market price.

Having obtained the amount of quartered oak required, and cost of same, we next find how many feet of material there is in one lineal foot of the top, bottom, back and shelves, and multiply this amount by the length of the case, which gives the total amount of stock required to construct these parts. Next we find the amount of material in one division, which may be either frame or panel construction, and multiply this amount by the number of divisions required, which, in this case, is eight, two being used at the center joint. Then find the amount of material in floor ribs, add all the amounts together and multiply by the market price you have on cypress. As to the amount to add for loss on these woods, you must decide this for yourself. Under average conditions I add 35 per cent on quartered oak and 15 per cent on cypress.

In estimating the machine and cabinet work much depends upon the kind of men your firm employs, also the equipment of the plant. Where one has no cost sheet to refer to, doubling the cost of material will prove a very safe way of estimating this kind of work—that is the style of case described. Suppose the total cost of material required to complete this case amounts to \$30.. To this we will add \$20 more, to cover the cost of machine and cabinet work, making a total of \$50 for material and labor. On work which requires a large amount of machine and cabinet work this rule is not applicable, a great depending on the experience you have had in estimating on high-class work.

Next take the finishing. There are several good methods for estimating this part of the work, but I will only give two of them, and, owing to there being such a large difference in the cost in different factories, it is impractical to give exact figures. On large contracts first note the quality and kind of finish required—some work and some parts may only require one coat, some two and some three—and if it is to be rubbed and oil finish. The first thing to find out in the amount of the different kinds of mate-

rial to be used which will be required to finish one square yard or foot. By considering the scale of wages paid the finishers and the number of square yards or feet in the contract, one can take a safe and close estimate on the work. There is such a vast difference in the price of material purchased, and methods for doing the work, that when entering the employ of a new firm it is best to consult the invoice book and cost sheet of the finishing room.

On odd work, where one has no cost sheet to refer to and no specified kind of finish to be used, I usually add 15 per cent, which in this instance would be \$9. This brings the total cost of shelving to \$69, to which we will add 25 per cent for overhead charges, or \$17.25, making the entire cost of the shelving \$86.25, or about \$2.69½ per running foot. If the manufacturer has to bear the expense for shipping, 7 per cent of the total cost will usually cover it. Do not be misled and take these figures as a basis for making an estimate, as they are only approximate and only used to illustrate the method. As stated in the beginning, one must be governed to a certain extent by the labor conditions and the equipment for getting out the work. Some estimators on this class of work find the number of square feet face and multiply by 3. There being 232-ft. x-in. face measure in the case under illustration, it would make their estimate about \$84, but this is not a safe method, and should be used only in giving an approximate cost.

Any one not accustomed to making a list of the different parts with amount of the different kinds of material required to construct same, might say this method is too complicated, but when all things are considered, it is not so complicated as it looks. One advantage gained is that where one has a list to refer to, if the estimate looks to be too high, it is an easy matter to see just what part will stand cutting. This is frequently done in order to bring the figures down to what is considered a correct estimate on the work.

In making an estimate on a frame dwelling, find the cost of one square of the outside walls and multiply the number of squares by this cost. This method can be used also in estimating the inside walls, floors and roof. Figure the corner strips and cornice separately; the average cornice will cost from 25 to 30c per lineal foot. Most mills have their own fixed price for the regular sizes of door and window frames, but in estimating odd frames, such as French windows, front entrances with side lights, and special dormers, I have found it the best policy to make a list of the actual amount of material and the different kinds required to construct the frame. Then by comparing the construction of the frame with the regular stock of some similar frame which you have the cost of, you are always sure to give a correct estimate on the frame

to be made. When one has had several years' experience in different mills, working under various conditions, the work of estimating becomes more simplified, and it is not long until you can almost tell what an odd frame is worth by looking at the drawing; but this is not a safe method when competing with other firms.

Another reason why it is a bad practice to depend entirely on one's judgment and experience in estimating some part of the work that looks familiar, or in making a lump bid, is that if the firm employing an estimator who has adopted this method, should install a cost system, he will be in hot water almost continually. Allowing that the total amount of the bid is correct, yet when the cost is figured up on the different parts, you will find that the estimate may be \$15 too high on one part and \$10 too low on another. So, when estimating some specially-constructed frame, I don't think it safe to find the number of square feet face and multiply by some fraction.

In estimating stair work, find cost of one rise and run and multiply this amount by the number of rises in the stair. This method will be both accurate and rapid when one becomes familiar with it. The newels and any paneled work should be estimated separately. A very neat style of panel work can be furnished for 40c per foot in quartered oak, and 35c in plain oak. The cost of newel and angle post depends on the design. A round-corner rise and tread are usually estimated at \$5. For installing the regular pattern of platform stairs, \$25 is a safe estimate where a good stairbuilder is employed.

In estimating cased openings I have found that a great deal of time and useless figuring can be saved by figuring the opening complete, but writing the estimate out in itemized form. Should the opening have a number on the blueprint, give the estimate the same number. By using this method it is only necessary to estimate one opening, then count the number of openings shown of this size and pattern. When estimating heavily-cased openings, of some special design, I find it a good plan to get the cost of one lineal foot and multiply this amount by the number of lineal feet of this pattern to be made. Circle work is generally figured three times the price of straight work.

My advice to any young man who intends taking up this line of work is: Don't get into the habit of "taking a shot at it," as I have known some estimators to do. Study construction thoroughly, both in the mill and out on the job. Any spare time you may have can be profitably employed in visiting the different departments and getting the foreman to instruct you as to how this or that piece of work is done. Find out, as nearly as possible, the quantity that can be machined in a day on the different machines. If you think it will be of benefit to you, weigh the amount of glue, screws and nails used in some piece of work, so you can figure accurately. Last, and what I consider the most important part in becoming a successful estimator, is, keep in close touch with the cost clerk, jotting down any notes from time to time that you think will help you in the future.

ELECTRICAL ASSOCIATION PROTESTS AGAINST PROPOSED ORDINANCE.

The San Francisco Section of the California Association of Electrical Contractors and Dealers have protested to the Supervisors against passing the proposed ordinance regulating the erection and maintenance of power and distribution plants and sub-stations in connection therewith.

The Association states that the ordinance would interfere with any company doing business of furnishing the public with electric light and power, from making the necessary improvements to their service and thus working a hardship on the consumers. The matter will be taken up at the next meeting of the Board of Supervisors.

MINOR JOBS ABOUT TOWN.

1672 15th; change windows; owner, W. H. and A. R. Schimpermann, Prem cost, \$228.

3725 26th; repair laundry and concrete floor; owner, S. Mack, Daly City; contractor, G. F. Langdon; cost, \$150.

41 Joice; alterations; owner, A. E. Roever, Premises; cost, \$150.

492 Broadway; construct marquise; owner, Fior D'Thalia Restaurant, 492 Broadway; contractor, Hurabielle Bros. 775 Broadway; cost, \$250.

2299 Sacramento; minor changes; owner, Thos. Glynn, Premises; contractor, Boyver & Sons, 2407 California; cost, \$100.

1940 Vallejo; add 2 windows; owner, F. W. Eaton; contractor, J. J. Heaphy, 1721 Lombard; cost, \$180.

717 Grove (rear); one-story frame garage; owner, E. Schraenli, Premises; cost, \$150.

647 5th Ave.; add one room; owner, C. M. McGlashan, Premises; cost, \$150.

310 Sutter; construct balcony; owner, Baldwin Piano Co., Premises; cost, \$100.

715 Market; change front; owner, G. W. Preponlain, Premises; contractor, Home Mfg. Co., 543 Brannan; cost, \$250

NE Ellis and Powell; electric sign; owner, United Cigar Stores Co., Prem.; contractor, Novelty Elec. Sign Co., 165 Eddy; cost, \$200.

SW Hyde and Filbert; enclose porch; owner, Margaret Simon, Premises architect, J. H. Powers, 460 Montgomery; contractor, Wm. Terry, 1456 Willard; cost, \$250.

N Francisco 50 E Kearny; alter shed; owner, Albers Bros. Milling Co., 144 Sansome; cost, \$250.

3889 24th; ratproof market; owner, C. Ambrose, Premises; cost, \$100.

3286 Mission; one-story frame stable; owner, H. C. Bronkhorst, Premises; contractor, James Law, 1501 Valencia; cost, \$250.

1660 Grant Ave.; alterations; owner, H. Sum; cost, \$210.

510 Mission; change sidewalk lights; owner, Madison & Burke, 157 Sutter; cost, \$100.

N California 150 E Battery; change side walk lights; owner, F. and S. A. Wood, cost, \$23.

5401 19th Ave.; one-story frame shed; owner, N. C. Brown, 2426-A Pine; cost, \$150.

NE Schader and Rivoli; one-story frame garage; owner, F. W. Moshin; cost, \$275.

440 Geary; minor changes on parti-

tion; owner, Somers Estate Co., 240 California; cost, \$100.

886 Guerrero; repair roof; owner, Ross Mahony, Premises; cost, \$100.

WANTS GRADING FIGURES.

Engineer Charles E. Wetherell, 110 Jessie street, has plans for grading three city blocks located in the Richmond District and bounded by 29th, 32d avenues, Anza and Balboa streets. The material to be moved is light sand which is to be deposited in a fill adjacent to the property. Mr. Wetherell can be seen at 110 Jessie street, any day between the hours of 12 and 2.

A demonstration rice mill will be built in Butte County, Cal., by a Scottish rice machinery manufacturing concern, says the Sacramento Bee.

Throughout the national forests the rangers are posting the roads with permanent guide signs which tell distances and directions, especially at forks and cross-roads. The signs are usually put up in the winter when other work tends to be light. On some forests the rangers go on snowshoes, signboards to the roadside trees, dragging loaded sleds and nall the

CONTRACT LET FOR STEEL ROLLING DOORS.

One of the largest contracts for steel rolling doors that has been awarded for some time, has just been let by the State Board of Harbor Commissioners to the Kinnear Manufacturing Co. for steel rolling doors for Piers 16, 18 and 37 on the waterfront of San Francisco.

The order specifies 151 openings varying in size from 28 feet wide by 22 feet high to 45 feet wide by 22 feet high.

This last order will make a total of 10 piers equipped with Kinnear Steel Rolling Doors and Shutters.

APPOINTMENT OF COMMERCIAL ATTACHES.

The Department of Commerce announces the appointment of two more commercial attaches, among whom is Mr. Verne L. Havens, of Nebraska, commercial attache at Santiago, Chile, who has been chief or consulting engineer on many railway, electric, and irrigating projects throughout Latin America, and has made commercial reports for financing new enterprises. He is a member of the American Society of Civil Engineers.

American manufacturers and exporters desiring to communicate with any of the commercial attaches should address their letters to the Bureau of Foreign and Domestic Commerce, Washington, D. C.

Of the seventeen serious accidents to submarines in the last ten years eleven have occurred in British vessels.

A novel lever operated vacuum washing machine can be fastened to the side of any stationary laundry tub.

Folding rods, carrying wheels at their lower ends, have been patented to help bear the burden of hand baggage.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on Page street, having a frontage of 25 feet and a depth of 7 1/2 feet. There will be a total of six suites of four rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Hugh O'Kane. The building will be erected at the corner of College avenue and Taft street, and has been designed for two stories on the first floor. Upper floor will contain five apartments of one and two rooms. There will be private baths and wall beds. Pine and redwood will be used for interior finish. Patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$21,000. Architect, Charles Skidmore, Foxcroft Bldg., S. F. Owner, H. C. Warwick, Hearst Bldg., S. F. The building will be erected at the southwest corner of Webster and Sacramento streets, having a frontage of 36 feet on one street and 82 feet on the other. There will be a total of twelve apartments of two and three rooms with bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat, a hot water system and wall beds. All bath rooms will be finished in tile. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Apartment house, 2 story and base, frame, \$5,000. Architect, none. Owner, C. Sprogis, 2315 Third street, Sacramento. The building will be erected on Third street and has been designed to contain four suites of four rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms. There will be a central heating system and hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 7 story and base. Class A, \$150,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, S. W. Moreshead. The building will be erected at the southwest corner of California and Alason streets, covering an area of 7 1/2 by 60 feet. There will be but six apartments, the upper two floors being arranged for one large apartment to be occupied by the owner. Each of the other floors will contain one apartment. Interiors will be finished to suite the tenants. There will be a complete steel frame, exterior walls will be of brick faced with cement plaster. The building will be one of the most elaborate apartment houses in the city. A contract for the grading has been awarded to Sibley Grading and Teaming Co. and the structural steel work has been awarded to the Judson Manufacturing Co. Contract for the balance of the work will be let this week.

BONDS.

ETNA, SISKIYOU CO., CAL.—Bonds of \$21,000 have been sold by the Town Trustees, and it is expected that within five days the complete issue will be sold. The bonds bear 6 per cent interest.

VENTURA, VENTURA CO., CAL.—The Board of City Trustees at Ventura are now considering a bond issue to be voted on in the near future. The amount of the bonds to be issued has not been stated up to the present time, but it is thought that they will reach \$100,000. The funds will be used in making improvements consisting of bridges, street work and probably a new city hall.

GRASS VALLEY, NEVADA CO., CAL.—The Chicago Park, Forest Springs and Union Hill Districts have launched a movement with the idea of organizing into a water district under the Wright act, for the purpose of voting bonds to construct 13 1/2 miles of canal in the southwest portion of the county. By such a system of water distribution, it is stated that 22,000 acres will be brought under irrigation in a few years.

SANTA ANA, ORANGE CO., CAL.—The Westminster School District bonds have been sold to the Orange County Savings and Trust Company at par by the Board of Supervisors. Bonds are in the amount of \$15,000 and bear 5 per cent interest. The funds will be used in the construction of a school building.

EL CENTRO, IMPERIAL CO., CAL.—Stephens & Co. of San Diego have purchased the following bonds: Florence School District bonds, \$2,500; Calexico School District, \$2,000; Sunset Springs School District, \$3,000; Westmoreland School District, \$5,000; and the Centennial School District, \$3,500. Each of these districts will make improvements on their school buildings on grounds.

LOS ANGELES, LOS ANGELES CO., CAL.—The Cienega School District have voted bonds in the sum of \$85,000 for the erection of a new school building.

LOS ANGELES, LOS ANGELES CO., CAL.—The Whittier Union High School bonds in the sum of \$15,000, recently purchased by the Board of Supervisors, have been resold to Torrence, Marshall & Co.

WHEATLAND, YUBA CO., CAL.—The Trustees of Reclamation District No. 817, which is located near Wheatland, are preparing to bond the district for \$25,000. The funds will be used in the making of improvements and additions to the district.

BENICIA, SOLANO CO., CAL.—With only ten votes against the proposition, the bond issue for \$10,000 carried. The funds will be used to construct a road to connect the present city pavement with the State Highway at Benicia Barracks.

VISALIA, TULARE CO., CAL.—The Board of Trustees has decided to call a special election to vote bonds in the sum of \$168,000 for the construction of a municipal sewer system in accordance with plans and specifications prepared by City Engineer McCabe.

HERMOSA BEACH, LOS ANGELES CO., CAL.—A special bond election held recently resulted in bonds in the sum of \$10,000 for a new city hall and \$5,000 for ample fire protection carrying a good majority.

EAGLE ROCK SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election will be held in Eagle Rock City on November 13th for the purpose of voting bonds of \$60,000, the funds to be used in the construction of school buildings for the district. P. H. Ducher and R. L. McMillan are the School Trustees.

VISALIA, TULARE CO., CAL.—The Board of Supervisors has set December 3rd as the date for holding a special bond election on the proposition of issuing bonds in the sum of \$1,488,555 for the raising of funds to construct a system of improved highways throughout Tulare County.

CLYDE PARK, MONT.—The special election held here to vote on the issuing of \$19,000 bonds for the installation of a water works system resulted in favor of the proposition.

BILLINGS, MONT.—The City Council is considering the question of again advertising for sale \$150,000 water bond issue, bids to be opened about December 1st.

BENICIA, SOLANO CO., CAL.—Only ten votes were cast against the proposition to bond the city for building the extension to the present system of city payments to connect with the State Highway.

BRAWLEY, IMPERIAL CO., CAL.—By a vote of nearly ten to one the people of Imperial county authorized the issuance of \$3,500,000 bonds for the purchase of the entire valley irrigation system, including properties in California and Mexico.

WOODLAND, YOLO CO., CAL.—Two school buildings in Yolo County have been found unfit for school use and the Chamber of Commerce at Woodland urges the school authorities to call a special bond election to vote \$100,000, the funds to be used in the construction of two new buildings.

BRIDGES AND DAMS.

RED BLUFF, TEHAMA CO., CAL.—Bridges, 7, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Bids submitted for the construction of seven concrete and steel bridges on the west side of the State Highway in Road District No. 5 have been rejected by the Board of Supervisors. The plans and specifications will be revised and new bids will be taken until November 5th at 10 a. m. Plans and specifications together with full information may be obtained from the County Surveyor.

PORTLAND, ORE.—Bridges, 7, steel swing type. Cost not stated. Engineer, Jay J. Morrow, Major, United States Engineer Corps, Couch Bldg., Portland. Owners, United States Government. Bids have been authorized and plans and specifications will be completed in a few days under the supervision of Engineer Morrow for furnishing and erecting seven steel swing draw bridges. The structures are to be built at The Dalles-Celilo canal, and will consist of seven structures with a swing span of 65 feet to have short arm of girder type. There will be one span 45 feet long. Contractors figuring the work will submit their own plans. The government will build the trestles, foundations for the bridges and the approaches, which will not be included in the contract. Contractors bidding for the work may submit alternate bids for special types of foundations or other equipment to be furnished by the Government. Bids for the work will be opened in the U. S. Engineer's office, Couch Bldg., at 11 a. m. December 7th.

VISALIA, TULARE CO., CAL.—Bridges, 5, reinforced concrete. Cost not stated. Engineer, County Surveyor, Visalia. Owners, Tulare County. Bids will be received by the Board of Supervisors of Tulare County up to 11 a. m. of November 5th for the construction of five reinforced concrete bridges over ditches and creeks on the county highways in accordance with plans and specifications on file in the office of the County Surveyor. Avon M. Coburn is the Clerk of the Board.

Contracts Awarded.

SAN FRANCISCO — Wharf shed rolling doors. Cost not stated. Engineer, Assistant Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Kinnear Manufacturing Co., S. F., steel rolling doors for Piers Nos. 16, 18, and 37. Contract price, \$50,454.

SAN FRANCISCO — Lumber. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Loop Lumber Co., S. F., furnishing lumber for fiscal year. Contract price, \$31,136.50.

FORT BARRY, CAL.—Wharf repairs, \$1,797. Engineer, Constructing Quartermaster's Office, Fort Mason.

Owners, United States Government. Contractors, Thomson Bridge Co., S. F. Contract price, \$1,797.

CHURCHES.

SISSON, SISKIYOU CO., CAL.—Church, 1½ story and base, frame. Cost not stated. Architects, L. B. and A. L. Valk, Stimson Bldg., L. A. Owners, First Methodist Church of Sisson. The building will contain an auditorium and Sunday school rooms. Interior will be finished in pine with some ornamental plaster in the main auditorium. A central heating system, probably furnace heat, will be installed. Art glass windows are specified. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Church, 1 story and balcony, brick and steel, \$80,000. Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Third Church of Christ, Scientist. Contractor, Arthur Arlett, Sheldon Bldg., S. F. Contract price, \$80,000.

COURT HOUSES.

SAN FRANCISCO—City Hall plaster ornaments and sheet metal work. Cost not stated. Architects, Bakewell Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday meeting of the Board of Public Works for the composition plaster ornament work and for the sheet metal work on the new City Hall. P. E. Derville presented the lowest figure at \$9,325 for the composition plaster ornament work, and the Forrester Corbice Works the lowest figure for the sheet metal work. Contracts have not been awarded. A complete list of the bids opened appears under the heading of San Francisco in this issue.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Shop building, 2 story and base, brick and steel, \$25,000. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the new shop building to be erected for the Department of Electricity. The building will cover a considerable ground area and will be erected on the north side of Golden Gate avenue east of Hyde street. Interior will be finished in pine, and will be arranged for the special requirements of the department. Exterior will be faced with pressed brick. Bids have been called for and will be opened by the Board of Public Works on November 6th. Plans and specifications can be secured from the Department of Architecture.

SEATTLE, WASH.—Warehouse, 9 and 16 story and base, reinforced concrete, \$850,000. Architect, George C. Nimmans, People's Gas Bldg., Chicago. Owners, Sears-Roebuck Co. The building will be erected at the corner of Utah and Colorado streets, covering a large area. The main portion will be 16 stories high. Construction will be fireproof throughout. The entire building will be used as a warehouse, shipping department and offices of the owners. Figures will be submitted

on two systems of floor construction, the Cantilever and the Aene system. Unit prices will be asked for on several parts of the work. Among the other big items entering into the construction are 816 tons of reinforcing steel and 781 tons of structural steel. Plans are complete and figures are being taken.

SAN FRANCISCO — Bake ovens, brick construction, \$5,000. Engineer, C. W. Ayers, 1641 Washington street, S. F. Owners, Hygienic Baking Co., 200 French National Bank Bldg. The ovens will be installed in a brick building at the northwest corner of Arguello Boulevard and Geary street. Work will require considerable brick work, steel lintels and sheet metal work. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 4 story and base. Class C construction, \$26,000. Architect, none. Owners, Economy Paper Co., L. A. Contractors, Alta Planning Mill Co., 830 McGarry street, L. A. Contract price, \$26,000.

FIRE HOUSES AND JAILS.

PORTLAND, ORE.—Detention Home, 2 or 3 story and base, brick and steel, \$25,000. Architect not selected. Owners, City of Portland. In the budget of 1915, which is now being prepared, an appropriation of \$25,000 has been made for the construction of a detention home. No mention is made of the site. All details are in the hands of Mayor Albee of Portland. Further mention will be made of this work.

FLATS.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$5,000 each. Architect, none. Owners, Conservative Building and Investment Co., Phelan Bldg., S. F. These two buildings will be erected on adjoining property on the north side of Clement street west of 14th avenue. Each building will have a frontage of 25 feet and a depth of 69. There will be two modern flats of five and six rooms in each. Interiors will be finished in pine and elm with hardwood floors in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the buildings will be covered with cement plaster on metal lath and brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,500. Architect, J. Devencenzi, 1069 Union street, S. F. Owner, G. Barozzi, 4 Bannan Place. The building will be erected in the rear of 4 Bannan Place, and will cover an area of 20 by 13½ feet. There will be two flats. Interiors will be finished in pine. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, Thomas McCormick, 25 Gladys street, S. F. The building will be erected at the corner of Richmond avenue and Murray street, covering an area of 25 by 40 feet. Plans provide for two modern five-room flats. Inte-

riors will be finished in pine and redwood. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Hardwood floors will be used in the living and dining rooms. Exterior of the building will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, W. Massoli, 1242 Hollister street, S. F. The building will be erected on Railroad avenue near Hollister street, having a 25-foot frontage and a depth of 44 feet. There will be two modern live-room flats. Interiors will be finished in pine and redwood. Some hardwood floors will be used. Open fire places and tile mantels will be used in the living rooms. Tile wainscot is specified for the bath rooms and kitchens. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and ase, frame, \$6,700. Architect, none. Owner, W. W. Rednall, 2500 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker, having a frontage of 25 feet and a depth of 60 feet. There will be two modern flats of six rooms and bath each. Interiors will be finished in pine and elm panels and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heaters will be installed. Entrances will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A red stock brick veneer will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, R. O. Hoffman, 1734 Turk street, S. F. The building will be erected on Natoma near 6th street, and will contain four small flats of four rooms and bath each. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Contracts Awarded.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, Carl Gelfruss, 46 Kearny street, S. F. Owner, Adolph Dittmann. Contractor, O. C. Holt, 369 14th avenue, S. F. Contract price, \$3,000.

GOVERNMENT WORK & SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnishing the following firms in addition to those previously noted:

The Dalles, Ore., Construction, November, 12.

Sound Engineering and Construction Co., Seattle, Wash.

Welch Bros. & Hannaman, Grass Valley, Cal.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

John Wallin, 1850 South Fifth street, Tacoma, Wash.

H. M. Gilman, Jr., National Metropolitan Bank Building, Washington, D. C.

Palmberg & Mattson, 831 Commerce street, Astoria, Ore.

J. L. Murphy Sons, Charleston, Wash.

Arthur W. Kutsche, 217 Yvon Building, Portland, Ore.

Dieter & Wenzel Construction Co., Wichita, Kan.

R. E. Campbell, Salt Lake City, Utah.

Pearson Construction Co., 755 New York Block, Seattle, Wash.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Mare Island, Refrigerator Plant, November 21—Specification 2116.

Mayer Ice Machine and Engineering Co., Jersey City, N. J.

American Carbonic Machinery Co., Machinery Hall, Chicago, Ill.

United Iron Works Co., Springfield, Mo.

Vilter Manufacturing Co., Milwaukee, Wis.

Diehl Manufacturing Co., Washington, D. C.

Mechanical Refrigerating Co., Philadelphia, Pa.

Steel Rolling Crest.

The U. S. Reclamation Service is asking for proposals for furnishing one steel rolling crest for the Grand River diversion dam, Grand Valley irrigation project, Colo. This crest is to consist of six 70 ft by 10 ft 3-inch rollers and one 60 ft by 15 ft 4-inch roller and accessories, involving a total weight of 560,000 pounds. There is but one other irrigation dam of this type in this country, and that also a structure of the Reclamation Service, the Boise diversion dam in southern Idaho. The crest of the Colorado dam was to have been furnished by a manufacturing firm in Germany, but it was necessary to cancel the order on account of the war. The bids are to be opened at the office of the Reclamation Service in Washington, D. C., November 19, 1914.

Sale of Suction Dredge Caribbean.

The purchasing officer of the Panama Canal will soon offer for sale the steel sea-going suction dredge Caribbean. This dredge was purchased from the Maryland Steel Co. at a cost of \$362,425 and was delivered on the Isthmus in September, 1907. The dredge is equipped with Scotch marine boilers, 14 ft in diameter and 12 ft long, also with 2 20-inch single-suction centrifugal dredging pumps, and is designed to excavate to a depth of 40 feet. It is also equipped with galley and mess room; has accommodations for nine officers and 56 men. Her length is 288 feet, with a beam of 17 feet 6 inches and a load line draft of 19 feet 6 inches. Her hopper capacity is 2,200 cubic yards, with a gross tonnage of 3,000. She is equipped with two compound surface condensing pumping engines, with two drag engines (winches or hoist-

ing engines), and four gate-winding engines with one steering engine.

Reclamation No. 337-F.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., under specification 337-F, for erecting steel pressure pipes for the Okanogan project, Wash.:

W. A. Kraner & Co., Portland, Ore., \$1,050; 30 days.

Thomas J. Shea, Portland, Ore., \$1,200; 35 days.

Port Townsend, Wash., Repairs.

The following bid was received by the custodian, U. S. quarantine station, Port Townsend, Wash., for repairs to wharf No. 25:

Port Townsend Pile Driving Co., Port Townsend, Wash., \$700 time, 30 days.

San Francisco, Water Distributing System.

The following bids were received by the depot quartermaster, San Francisco, Cal., under office circular No. 72, for constructing water distributing system at the San Francisco National Cemetery:

Bid 1. H. M. Pitman, 501 Sheldon Building, San Francisco, Cal., \$1,937.25.

2. Kiernan & O'Brien, 1756 Mission street, San Francisco, Cal., \$1,351.

3. Robert Dalziel, Jr., 218 1st street, San Francisco, Cal., \$1,172.

4. Pringle, Dunn & Co., 335 Pine street, San Francisco, Cal., \$999; award recommended to this firm.

5. Burnham Plumbing Co., 1220 Webster street, San Francisco, Cal., \$1,097.

6. Mahoney Bros., Merchants' Bank Building, San Francisco, Cal., \$1,265.

7. William Bruce, 2338 Pine street, San Francisco, Cal., \$1,535.

Slip Point Station, Wash., Diaphone.

The following bid was received by the light house inspector, 17th district, Portland, Ore., for furnishing one type "F" diaphone, complete, for Slip Point Light Station, Wash.:

Diaphone Signal Co., Toronto, Ontario, \$880; accepted.

Brigham City, Utah, Post Office.

As previously reported, the contract for the construction of the U. S. post office at Brigham City, Utah, was awarded to George A. Whitmeyer & Sons, Ogden, Utah, at \$51,193. In the construction of the building fixtures and materials manufactured by the following named firms will be used: Plumbing fixtures, Crane Co.; cast iron column radiators, Kewanee Boiler Co.; wall radiators, American Radiator Co.; air valves for radiators, Monash-Younger Co.; cabinet and tablet, Frank Adam Electric Co.; conduit, American Conduit Co.; rubber-covered wire, Phillips Insulated Wire Co.; air valves for end of steam mains, Jenkins Bros.; snap switches, General Electric Co.; radiator valves, Fairbanks Co.; damper regulator, American Radiator Co.

Sale of Scrap Rail.

The purchasing officer of the Panama Canal will soon issue a call for bids for furnishing under proposal No. 1, class 1, 5,000 tons of scrap rail, described as 70 lbs and over per yard, including sections 3 ft long and over, split heads, ball rail worn curved or bent, free from switch points, guard rails or angle bars.

Under class 2, 400 tons of scrap rail, including all sections not coming under specification No. 3 and including logs, guard rails, and switch points. Under class 3, 600 tons of scrap rail, short and long sections, 56 lbs and under per yard, split heads, half rail horn, curved, bent and broken.

Under proposal 2, 6,000 tons of scrap rail made up approximately as described above and for which bids will be accepted for delivery on cars on docks within reach of ship's tackle at Cristobal.

It is noted that alternate bids are desired for the material delivered f. o. New York and f. o. b. cars Colon.

The above quantities are approximate, and the purchaser will be allowed to increase the delivery by 20 per cent if the additional quantities are available or be permitted to decrease by 10 per cent if he so desired. Bids will be opened at Balboa Heights, Canal Zone, simultaneously with those opened at Washington.

Earth Work and Structures.

The following bids were received at the office of the Reclamation Service, Malta, Mont., under specification 282, for earthwork and structures of the Nelson reservoir, Milk River project, Mont.:

- Bid 1, Security Bridge Co., Minneapolis, Minn.
- 2, Dooling Bros.
- 3, Charles Wilhite & Co., Malta, Mont.
- 4, James O'Connor, 231 Park avenue, Council Bluffs, Iowa.
- 5, W. J. Roy Co., St. Paul, Minn.
- 6, Houser & Sim, Malta, Mont.

Schedule 1.

Excavation, class 1—Bid 1, 15.5c; 2, 5.9c; 3, 20c; 4, 18c; 5, 25c.
Excavation, class 2—Bid 1, 55c; 2, 0c; 3, 50c; 4, 45c; 5, 65c.
Excavation, class 3—Bid 1, 90c; 2, 0c; 3, \$1; 4, \$1.25; 5, 90c.
Excavation for dike embankment, class 1—Bid 1, 15.5c; 2, 15.9c; 3, 20c; 4, 16c; 5, 25c.
Overhaul—Bid 1, 2c; 2, 2c; 3, 2c; 4, 5c; 5, 2c.
Paving—Bid 1, \$2; 2, \$2; 3, \$3; 4, \$4; 5, \$1.75.
Total schedule 1—Bid 1, \$10,300; 2, 10,421; 3, \$13,600; 4, \$13,630; 5, \$14,025.00.

Schedule 2.

Excavation, class 1—Bid 1, 33.75c; 5, 5c; 6, 70c.
Excavation, class 2—Bid 1, 75c; 5, 0c; 6, 50c.
Excavation, class 3—Bid 1, \$1.25; 5, 1.50; 6, \$2.
Wet excavation—Bid 1, \$1.67; 5, \$3; 6, \$2.
Puddling—Bid 1, 50c; 5, 75c; 6, 50c.
Concrete—Bid 1, \$9.20; 5, \$10.50; 6, 12.
Paving—Bid 1, \$2.40; 5, \$1.75; 6, \$2.
Placing reinforcing steel—Bid 1, 1c; 5, 2.5c; 6, 1.5c.
Erecting lumber—Bid 1, \$12; 5, \$20; 6, \$20.
Riprap—Bid 1, \$1.80; 5, \$2.50; 6, \$4.
Total schedule 2—Bid 1, \$18,159.90; 5, \$20,680.50; 6, \$27,620.

San Francisco, Cal., Metal Vault.

The contract for constructing and erecting metal vault equipment for the daily money vault in the new sub-treasury building, San Francisco, Cal., has been awarded to the Hermann

Safe Co., San Francisco, Cal., \$3,195; time, February, 1, 1915.

JACKSON ENLARGEMENT PROJECT, WYO.—Gate hoisting equipment. Cost not stated. Engineers, United States Reclamation Service, Boise, Idaho. Owners, United States Government. Plans are complete and figures are now being taken for furnishing the gate hoisting equipment for sluice gates on the Jackson Enlargement Project at Moran, Wyo. Plans and specifications can be secured on application to the engineers at Boise. Bids will be opened on November 22nd. An official proposal appears in another column of this issue.

GRAND VALLEY PROJECT, COLO.—Steel crest. Cost not stated. Engineers, United States Reclamation Service, Washington, D. C. Owners, United States Government. Plans are complete and figures are now being taken for furnishing one steel roofing crest for the Grand River Diversion Dam on the Grand Valley Project. Plans and complete particulars will be furnished on request at the Reclamation Service at Washington, D. C. Bids will be opened on November 19th. An official proposal appears in another column of this issue.

MARE ISLAND, CAL.—Cement, etc. Purchasing Office, Commandant at Mare Island Navy Yard. Owners, United States Government. Among other supplies for the navy, bids for which will be opened on November 17th at the Mare Island Navy Yard, are mentioned Portland cement, piles, line poles, copper cable, sheet copper and rod bronze.

Contracts Awarded.

SAN FRANCISCO—Vault equipment, \$3,195. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Contractors, Hermann Safe Co., S. F. Contract price, \$3,195.

SAN FRANCISCO—Electric work, hachelors' quarters. Cost not stated. Engineer, Constructing quartermaster's Office, Port Mason. Contractors, Rutte Engineering and Electric Co., S. F. Contract price not stated.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO—Club addition, 3 story and base, brick and steel, \$65,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. The addition will be erected at the southeast corner of Van Ness and Post street, having a frontage of 60 feet on Van Ness avenue and 103 feet on Post street. The basement of the building will contain the mechanical equipment with a large swimming tank. Main floor will be arranged for a large gymnasium with a mezzanine floor containing dressing rooms: The library and main social hall in the old portion of the building will be enlarged and extended into the new portion. Interior will be finished in pine and hardwoods with hardwood and maple floors. Steam heat and a hot water system will be installed. Exterior of the building will be faced with Colusa stone. Plans are complete and figures are being taken.

HOSPITALS.

SAN FRANCISCO—Hospital addition, 5 story and base. Class A construction, \$150,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Cooper Medical College, Leland Stanford, Jr. University. This building has been fully described in these columns several times before. Plans have been completed and are now out for figures. The building will be erected on the east side of Webster street between Sacramento and Clay. Construction will be fireproof. Special hospital plumbing and equipment will be installed. Exterior of the building will be faced with pressed brick.

SPOKANE, WASH.—Hospital, 3 and 4 story and base. Class A construction. Cost not stated. Architect, Riggs, Spokane. Owners, Spokane County. Plans for the new County Tuberculosis Sanitarium to be erected in Spokane have been completed. Architect Riggs is now going over the plans and specifications with Dr. Kelley of the State Board of Health in Seattle, and upon approval of the State Board of Health bids will be called. The building will be a fireproof structure covering a considerable ground area and containing all the most modern equipment. Exterior will be faced with pressed brick. Bids will be called for shortly. Further mention will be made of the work.

MARE ISLAND, CAL.—Hospital ward pavilions, 5 frame. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Nine sets of figures were opened by the Bureau of Yards and Docks for constructing five frame hospital pavilions at the Mare Island Navy Yard, Cal. Without considering the five alternate propositions which were asked for, the bid of Gutleben Bros. of San Francisco was the lowest at \$23,300. H. C. Warwick was second low at \$23,405. Until complete figures including the alternates are received it is impossible to determine the low bidder. A complete list of these figures will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOTELS.

POCATELLO, IDAHO—Hotel, 3 or 4 story, brick and steel, \$125,000. Architect's name not given. Owners, G. S. Allen and H. E. Bartlett, Poston. It reported that Messrs. Allen and Bartlett are looking over conditions in Southern Idaho with the thought of erecting a modern hotel building to cost in the neighborhood of \$125,000. No definite information can be had at this time.

REDONDO BEACH, LOS ANGELES CO., CAL.—Hotel, 5 story and base, Class B construction. Cost not stated. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owner, Mrs. Nelms. The building will be erected on Catalina street, having a frontage of 50 feet and a depth of 120 feet. There will be several stores on the first floor besides the hotel office, dining room and lobby. Upper floors will be arranged for a total of 150 guest rooms, a large percentage of which will have private baths. Interior will be finished in pine and hardwood. Tile floor will be used in the lobby and baths.

Plans provide for steam heat, elevator service and a hot water system. Patient store fronts will be used. Exterior of the building will be faced with ruffled brick. Plans are complete and figures are being taken.

LIBRARIES.

COLUMBIA CITY, WASH.—Library, 1 story and base, reinforced concrete, \$30,000. Architect, W. M. Somerville, White Bldg., Seattle. Owners, Town of Columbia City. The building will be designed in the classic style and will contain two large reading rooms besides a children's department, office of the librarian, stack rooms and lecture hall. Interior will be finished in pine and hardwood with a maple floor. There will be steam heat and vacuum cleaning. Marble and tile will be used extensively. Metal book stacks are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

POST OFFICES.

SAN FRANCISCO—Branch post office, 2 story and base, brick and steel. Cost not stated. Architect, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans for the structural steel for the new Ferry Post Office have been completed and forwarded to the State Advisory Board for approval. Bids will be called for at the next meeting of the State Harbor Commission. Further mention will be made in these columns at that time.

ALAMEDA, ALAMEDA CO., CAL.—Painting plaster. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete for painting plastering in the new Post Office building now under construction in Alameda. Bids will be opened on November 30th. Complete information relative to this work can be secured from either the Supervising Architect at Washington, D. C., or the custodian of the site at Alameda. An official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Power house, 2½ story and base, steel and reinforced concrete. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the new power house to be erected at the corner of McAllister and Larkin streets have been completed. This equipment will supply the buildings in the Civic Center with both light and heat. Construction will be fireproof. The original intention of the City Engineer was to construct a building with a steam generating plant costing in the neighborhood of \$75,000. The lighting engineers have recommended to the Supervisors that \$125,000 be spent and a plant installed using electricity that would be capable of supplying all buildings in the Civic Center. Bids are now being taken for the work, exclusive of the equipment, and will be opened by the Board of Public Works on November 11th.

RESIDENCES.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owners, D. U. and T. J. Penrose, 2550 25th avenue, S. F. The dwelling will be erected on the west side of 25th avenue south of Taraval, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. Tile wainscot and composition floor will be used in the bath room. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 2, 1½ story and base, frame, \$2,500 each. Architect, none. Owner, N. J. Nelson, 4275 23rd street, S. F. These two houses will be erected on the west side of Euclid street south of 22nd, and each has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2½ story and base, frame, \$5,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Rose Buckingham. The dwelling will be erected on Jackson street west of Divisadero, and has been designed to contain eight rooms and two baths. A large sun porch will be a feature of the building. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. T. Morris, 501 11th avenue. The dwelling will be erected on the west side of 11th avenue north of Balboa, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Joe Kock, 23 Cotter street, S. F. The dwelling will be erected on Cotter street west of Mission, and has been designed for a six-room house. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a

large open fire place in the living room. Mantel will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2½ story and base, frame, \$20,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner, F. W. Aitken. The dwelling will be erected in 32nd Avenue Terrace, and has been designed to contain fourteen rooms, three baths and sleeping porch. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air heat, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, W. H. Schroeder. The dwelling will be erected in the Claremont Tract and has been designed for a ten or twelve room house with several baths, and sleeping porches. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwood. White enamel will be used in the bed rooms. There will be furnace heat, open fire places and a hot water system. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Fedt Bros., 528 25th street, Oakland. The dwelling will be erected on Arimo west of Wallavista avenue, and has been designed for a seven-room house with baths and sleeping porch. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Clinton Day, Nevada Bank Bldg., S. F. Owner, Mrs. T. L. Barker. The dwelling has been designed for a ten-room house and will be erected in Piedmont. There will be several bath rooms and sleeping porch. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the house will

be covered with cement plaster on metal lath. Plans are complete and figures will be called for shortly.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$3,000 to \$5,000. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. These dwellings will be erected on the property bounded by 29th, 32nd avenues, Anza and Balboa streets. Each house will contain seven rooms and bath. Interiors will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat in the more expensive homes. Open fire places and tile or brick mantels will also be used. The waistscot is specified in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$1,000 each. Architects, Elite Planners, 1844 5th avenue, Oakland. These two houses will contain six and seven rooms with bath and sleeping porches. Interiors will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN LEANDRO, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, \$2,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Judge Toffelmeier. Each house will contain four rooms and bath. Pine and redwood interior finish will be used. There will be open fire places and tile or brick mantels. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

PORTLAND, ORE.—Residence, 2 story and base, brick and reinforced concrete, \$40,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owner's name withheld. The dwelling will be erected in Portland Heights and has been designed for a large city residence. There will be in the neighborhood of fourteen rooms, three baths and a large conservatory. Interior will be finished in pine, hardwoods and white enamel. Hardwood floors will be used throughout. Bath rooms will be finished in tile and equipped with showers. Plans provide for a central heating system, probably steam heat. Open fire places and tile mantels will be used. Vacuum cleaning and a hot water supply are also specified. Exterior of the house will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 1½ story and base, frame, \$8,000. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner, Carl Schilling. Contractors, Van Sant-Houghton Co., 503 Market street, S. F. **SAN MATEO, SAN MATEO CO., CAL.**—Residences, 2, 1 story and base, frame, \$6,000. Architect, Ernest Nor-

berg, Bank Bldg., Burlingame. Owner, J. D. Culbert. Contractor, A. Cook, San Mateo. Contract price, \$8,000.

SCHOOLS.

SAN FRANCISCO—Academic building plastering. Cost not stated. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans have been completed for the plastering in the Academic building of the Polytechnic High School Group and figures are now being taken. Bids will be opened by the Board of Public Works on November 11th. Plans and specifications can be secured at the City Department of Architecture.

COMPTON, LOS ANGELES CO., CAL. Schools, 2, 1 story and base, hollow tile construction. Cost not stated. Architects, Tuttle & Angel, Delta Bldg., L. A. Owners, Compton School District. One building will cover an area of 146 by 86 feet and the other 140 by 73 feet. Interiors will be finished in pine with pine floors. There will be a modern system of heating and ventilating. Composition blackboards will be used. Modern school plumbing is specified. Exteriors of the buildings will be faced with cement plaster. Tile cornice and roof will be used. Plans are now being prepared. Further mention will be made of the work.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete, \$160,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. The building will be erected at the corner of Park and Hall streets, covering a large ground area. Construction will be fireproof with reinforced concrete floors, walls and roof slabs. There will be 24 class rooms, library, a large auditorium, office, gymnasium with large swimming pool and departments for manual training and domestic science. Interior will be finished in pine with maple floors. Plans provide for steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Slate blackboards will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on November 11th.

FRESNO, FRESNO CO., CAL.—School heating system. Cost not stated. Architect, none. Owners, Fresno School District. Plans are complete and bids are now being taken for an oil burning system to be installed in the Lincoln School. Plans and specifications can be secured from C. C. Starr who is Secretary of the Board of Education.

FRESNO, FRESNO CO., CAL.—School, 2 story and base. Class C construction. Cost not stated. Architects, Coates & Traver, Head Bldg., S. F. Owners, City of Fresno. The following bids were submitted for the construction of the Webster School:

Bidder	Total	Add
James L. Daly.....	\$47,310	\$1,025
Richard Hill	49,559	.....
Alfred Kohn	49,800	750
Smith & James	50,983	.....
Trewhitt & Shields Co.,	52,610	752
R. C. Blackwell	52,250	.....
Brandt & Stevens	53,700	.....

The column headed "Add" is for concrete floors.

All bids were taken under advisement by the Board of Education.

Contracts Awarded.

PORTLAND, ORE.—School, 1 story and base, brick and reinforced concrete, \$119,581. Architect, F. A. Naramore, Portland. Owners, City of Portland. Contractors, Boya-John-Arnold Co., Panama Bldg., Portland. Contract price, \$119,581. Note: This contract does not include plumbing, bids for which were rejected and will be re-advertised.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Grading. Cost not stated. Engineer, Charles E. Witherell, 110 Jessie street, S. F. Owner, Thomas Scoble. Engineer Witherell has plans for grading city blocks in the Richmond district bounded by 29th and 32nd avenues, Anza and Balboa. The material to be moved is light sand and is to be placed in a fill adjacent to the work. Mr. Witherell can be seen at 110 Jessie street any day between 12 and 2 o'clock.

STOCKTON, SAN JOAQUIN CO., CAL.—Slough protection. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Plans and specifications for additional and necessary improvements in the Mormon Slough Protection District have been adopted by the Board of Supervisors. The proposed work is the reinforcement of brush mattresses, the installation of heavier embankments in certain places and a general plan which has to do with some extensive construction work.

LODI, SAN JOAQUIN CO., CAL.—Road construction, \$15,000. Engineer's name not given. Owners, State of California. The Lodi Chamber of Commerce is interesting itself in a move to obtain an appropriation of \$15,000 from the State to build six miles of road between Clements and the Mokelumne River where Amador, Calaveras and San Joaquin corner.

EL CENTRO, IMPERIAL CO., CAL.—Transmission line and substation. \$60,000. Engineer, Chief Engineer Holton Power Co., El Centro. Owners, Holton Power Co. The Holton Power Co., operating at El Centro and Seelye, Imperial County, has been granted permission by the Railroad Commission to issue bonds in the amount of \$200,000. A new transmission station is to be erected at El Centro at a cost of \$15,000, and a transmission line will be built between El Centro, Seelye and Dixieland, three important towns in the Imperial Valley. The line will cost \$12,078.

Contracts Awarded.

SAN FRANCISCO—Twin Peaks tunnel construction, \$3,372,000. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Robert C. Storrie Co., S. F. Contract price, \$3,372,000. For a complete list of the bids submitted for this work see San Francisco.

STORES AND OFFICES.

OAKLAND, CAL.—Stores and loft alteration, 2 story, brick, \$5,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. A brick and steel loft building situated on Washington street will undergo extensive alterations. The work will include new interior finish, hardwood

fixture work, electric work, plumbing, plastering, painting and patent store fronts. Marble and tile will also be used. Plans are now being prepared.

SEATTLE, WASH.—Stores and offices, 3 story and base, brick and steel, \$30,000. Architect, V. W. Voorhees, Ellet Bldg., Seattle. Owner, Louis Anderson. The building will be erected at the corner of Market and Leary streets and will cover a considerable ground area. There will be stores on the first floor. Upper floors will be arranged for modern offices and rooms. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. Patent store fronts will be used. Marble bases are also specified. Exterior of the building will be faced with pressed brick. Plans and specifications have been completed and figures will be called for at once.

PORTLAND, ORE.—Stores and offices, 2 story and base, brick, \$25,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owner, Rodney L. Gilsen. The building will be erected at the corner of 4th and Couch streets, covering an area of 100 by 100 feet. Stores will occupy the street frontages and a large warehouse the remainder of the ground floor. Upper floor will be arranged for offices. Interior finish will be of pine. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

THEATRES.

SAN FRANCISCO—Theatre and stores, 2 story and base. Class A construction, \$200,000. Architect, William Beasley, 127 Montgomery street, S. F. Owner, Sidney Grauman. An attempt is being made to secure a long-term lease on the valuable property at the southeast corner of Market and Fourth streets. The architect states that if negotiations now pending can be brought to a conclusion that the present building will be practically torn down, a heavy steel frame erected and a theatre building erected which will be one of the largest in the west. Besides the theatre preliminary plans show four stores on the street fronts. Plans are only in the preliminary stage. Further mention will be made of the work.

SEALED PROPOSALS.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 10 o'clock a. m. and 11 o'clock a. m. on Friday, the 6th day of November, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The construction of Shop Building for the Department of Electricity, to be located on Golden Gate avenue, between Hyde and Leavenworth streets.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within 75 calendar days thereafter.

All proposals offered must be accompanied by a check certified by a

responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR PAINTING PLASTERING.

PAINTING PLASTERING—Office of the Custodian, U. S. Public Building, Alameda, Cal.—Sealed proposals will be received here until 3 p. m. November 30, 1914, for painting plastering. For further information address T. C. STODDARD, postmaster.

PROPOSAL FOR ROLLING CREST.

STEEL ROLLING CREST—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Washington, D. C., until 2 o'clock p. m. November 19, 1914, for erecting one steel rolling crest for the Grand River diversion dam, Grand Valley project, Colo., consisting of six 70-foot x 10-foot 3-inch rollers and one 60-foot x 15-foot 4-inch roller and accessories, involving a total weight of approximately 550,000 pounds. For particulars address the United States Reclamation Service, Washington, D. C., chief counsel.

PROPOSALS FOR HOISTING EQUIPMENT.

GATE HOISTING EQUIPMENT—U. S. Reclamation Service, Boise, Idaho.—Sealed proposals will be received here until 2 p. m. November 22, 1914, for furnishing certain gate hoisting equipment for sluice gates in connection with the new Jackson enlargement project, Moran, Wyo. For particulars address the U. S. Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 875—Proposals for Fuel Oil for the Year Ending December 31, 1915.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 23, 1914, at which time they will be opened in public, for furnishing the above mentioned article. Blank and general information relating to this circular (No. 875) may be obtained from this office or the office of the assistant purchasing agent, 104 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. ROGERS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSAL FOR LOCOMOTIVE.

LOCOMOTIVE—Sealed proposals, indorsed "Proposals for Locomotive" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 2 o'clock a. m. November 14, 1914, and then will be publicly opened, for one narrow-gauge saddle-tank switching locomotive delivered at the naval station, Pearl Harbor, Hawaii. Specification may be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR COMPRESSORS.

COMPRESSORS—Sealed proposals will be received at the office of the light house inspector, Portland, Ore., until 2 o'clock p. m. November 6, 1914, and then opened, for furnishing oil pump and compressors for Robinson Wash Blank proposals and particulars may be obtained by addressing the light house inspector, Portland, Ore.

PROPOSALS FOR RECLAMATION WORK.

EARTHWORK AND STRUCTURES—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at Provo, Utah, until 2 o'clock p. m. November 16, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 384,000 cubic yards of excavation, 2,300 cubic yards of excavation for structures, 3,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel complete with concrete lining, laying approximately 1,700 feet of vitrified pipe of miscellaneous sizes; also 1,400 feet of backfilling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service near the mouth of Spanish Fork Canyon at Station 700 plus 00, near Payson City, Utah, to the Utah-Nevada boundary, address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSALS FOR REFRIGERATING PLANT.

REFRIGERATING PLANT—Sealed proposals indorsed "Proposals for Refrigerating Plant" will be received at the office of the bureau of docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 21, 1914, and then there publicly opened, for furnishing and installing a refrigerating plant complete, with all accessories at the marine barracks reservation, U. S. navy yard, Mare Island, Cal. Plan and specifications may be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 500 Forum Building, Sacramento, Cal., until 2 o'clock p. m. on November 9, 1914, at which time they will be publicly opened and read for construction in accordance with the specifications of the Engineer, to which special reference is made, portions of State highway as follows:

Colusa County from Williams to Colusa (III-Gle-15-A), about 8.4 miles in length, to be built of Portland cement concrete.

Glenn County from the southerly boundary to Willows (III-Gle-7-A), about 8.5 miles in length, to be built of Portland cement concrete.

Solano County from a point 2.4 miles south of Cordelia to Fairfield (III-Sol-7-B), about 8.1 miles in length, to be built of Portland cement concrete.

Imperial County from Corral Wells to Dixieland (VII-imp-12-B), about 11.7 miles in length, to be built of Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contract, and specifications may be obtained, at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Billings, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all

bids or to accept the bid deemed for the best interests of the State.
CHARLES D. BLANNEY,
SEWARD D. DALLINGTON,
CHARLES STERN,
 California Highway Commission.
AUSTIN B. FLETCHER,
 Highway Engineer.
CHARLES C. CARLETON,
 Acting Secretary. (*)
 Dated: October 6, 1914.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C. — Sealed bids will be received at the office of the United States Reclamation Service at Provo, Utah, until **November 15, 1914**, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 354,000 cubic yards of canal excavation, 2,500 cubic yards of excavation for structures, 3,300 cubic yards of reinforced concrete, 157,000 square feet of channel lining, 230 linear feet of tunnel, complete, with concrete lining, laying approximately 1,700 feet of vitrified pipe of miscellaneous sizes, also 1,400 cubic yards of back-filling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service, near the mouth of Spanish Fork Canyon, to Station 700 plus 00, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. **WILL R. KING**, chief counsel.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Thursday, November 5th, 1914, for **Structural Frame For Fountain of Energy, South Gardens**, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.
 Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, November 10th, 1914, for **Constructing Interior Utility in the Fine Arts Building**, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract, the surties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.
 Progressive payments will be made.

Let the County Official Know Where You Saw the Official Proposal.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, at any time after Noon, Tuesday, November 3, 1914, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.
WILLIAM H. CROCKER,
 Chairman. (*)

INCORPORATIONS.

Glisco Company. To conduct a canned goods business. Capital Stock, \$250,000; 25,000 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—J. E. Stafford, F. R. Maloney, G. L. Popert, 1 share each.

California Farm and Irrigation Company. To deal in water and water rights. Capital Stock, \$500,000; 500,000 shares at \$1 each; amount subscribed, \$500. Place of business, San Francisco. Directors—J. E. Luby, P. Zucco, M. J. Terranova, A. R. Kanoga and W. Adrian, 100 shares each.

Eureka Punctureless Wheel Company. To deal in parts and accessories used in or about vehicles. Capital Stock, \$100,000; 100,000 shares at \$10 each; amount subscribed, \$5. Place of business, San Francisco. Directors—A. C. Elder, F. O. Graf, E. L. Requin, J. G. Gaines and Martin Udall, 1 share each.

Construction & Engineering Co., Inc. General contracting business. Capital Stock, \$100,000; 10,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—R. W. Weymouth, M. G. Zelinsky and D. Zelinsky, 1 share each.

Glietti-Roberts Manufacturing Co. To manufacture and contract for imitation marble. Capital Stock, \$10,000; 10,000 shares at \$1 each; amount subscribed, \$340. Place of business, San Francisco. Directors—S. Glietti, J. F. Roberts, 145 shares each; E. A. Wernse 10 shares.

Natural Product Company. To mine for clays and minerals. Capital Stock, \$250,000; 250,000 shares at \$1 each; amount subscribed, \$250. Place of business, San Francisco. Directors—F. J. Young, H. Van Bergen, 2. Newhouse, W. A. Marlin, A. W. Hillback, 50 shares each.

Macdonald Sales Company. General wholesale and retail merchandise business. Capital Stock, \$750,000; 7500 shares at \$10 each; amount subscribed, \$30. Place of business of San Francisco. Director—W. G. Macdonald, H. E. Dove, H. B. Erickson, 1 share each.

Twin Shaker Manufacturing Co. To trade in certain patents and inventions. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$50. Place of business, San Francisco. Directors—C. A. Conger, C. E. Welch, G. E. Clark, G. R. Oliver, G. H. Bahrs, 10 share each.

Strand Theatre Co. To conduct theatres and moving picture shows. Capital Stock, \$100,000; 10,000 shares at \$1 each; amount subscribed, \$4. Place of business, San Francisco. Directors—J. T. Fleming, J. Marcus, W. Morris and E. E. Smith, 1 share each.

Hotel Clark Company. General hotel

and cafe business. Capital Stock, \$100,000; 20,000 shares at \$5 each; amount subscribed, \$50. Place of business, San Francisco. Directors—G. D. Perry, A. T. O'Donnell, F. T. Pore, K. N. Galagher and A. J. Fritz, 2 shares each.

Taihaku Service Company, Inc. To supply labor, furnish interpreters and contract for the Japanese Consession during Fair. Capital Stock, \$10,000; 100 shares at \$10 each; amount subscribed, \$300. Place of business, San Francisco. Directors—H. Soejima, S. Sekigushi and J. Humita, 10 shares each.

Polin Realty Co., Inc. General real brokerage business in real estate. Capital Stock, \$5000; 500 shares at \$10 each; amount subscribed, \$50. Place of business, San Francisco. Directors—H. Lyon, J. Polin, S. J. Polin, I. Epstein and J. Polin, 1 share each.

May-Lundy Mining Company. To deal in all kinds of mines and mining property. Capital Stock, \$75,000; 75,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—G. W. Butterfield, E. McInerney, J. A. Stidger, E. Falk and A. M. Butterfield, 1 share each.

Mill Valley Company. To deal in mineral bearing lands and to prospect and develop the same. Capital Stock, \$20,000; 2000 shares at \$10 each; amount subscribed, \$500. Place of business, San Francisco. Directors—V. J. Robertson, G. Liennau, C. Wise, J. B. McCauley and F. H. Colburn, 10 shares each.

Western States Tobacco Company. To treat, buy and deal in all forms of tobacco. Capital Stock, \$200,000; 200,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—T. P. Eliopoulos, A. W. Lueders, S. H. Deyot, 1 share each.

NOTICE OF NON-RESPONSIBILITY.

Oct 29, 1914—**STORE IN HALE BLDG** on E Sixth 20 m or l from NE 6th and Stevenson, being about 19-6 wide and running through to partition immediately ad Washington Market. Lesser Bros Co as to improvements on leased property...
 Oct. 28, 1914—**SE MARKET 225 SW Fifth SW 25 SE 100 NE 15 SE 63 NE 20 NW 65 SW 10 NW 100**, Panama Realty Co (Lessee) as to improvements on leased property...
 Oct. 26, 1914—**N O'FARRELL 137-6 E Powell E 87-6XN 137-6**, O'Day Investment Co as to improvements on leased property.....

NOTICE OF NON-LIABILITY.

Oct. 30, 1914—**S SACRAMENTO 156-3 E Lyon E 50X8 137-6**, Susan T. Brown, Julia B. Carey, Ethel Harriot Tompkins, Mangle Minthorne Tompkins and Philip Webber Tompkins as to improvements on leased property

REMOVAL NOTICE.

TIE J. C. HURLEY CO., constructing engineers, have removed to 509 311 Sixth Street Corner Bryant Street. Their new phone number is Garfield 5325.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on Page street, having a frontage of 25 feet and a depth of 79½ feet. There will be a total of six suites of four rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water system. All bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with cement plaster on metal lath. Plans are now being prepared.

SHOP BUILDING—2 story and base, brick and steel, \$25,000. San Francisco. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed for the new shop building to be erected for the Department of Electricity. The building will cover a considerable ground area and will be erected on the north side of Golden Gate avenue east of Hyde street. Interior will be finished in pine and will be arranged for the special requirements of the department. Exterior will be faced with pressed brick. Bids have been called for and will be opened by the Board of Public Works on November 6th. Plans and specifications can be secured from the Department of Architecture.

FLATS—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, none. Owners, Conservative Building and Investment Co., Phelan Bldg., S. F. These two buildings will be erected on adjoining property on the north side of Clement street west of 14th avenue. Each building will have a frontage of 25 feet and a depth of 69. There will be two modern flats of five and six rooms in each. Interiors will be finished in pine and elm with hardwood floors in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the buildings will be covered with cement plaster on metal lath and brick veneer base. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FLATS—2 story and base, frame, \$2,500. San Francisco. Architect, J. Devenenzi, 1069 Union street, S. F. Owner, G. Barozzi, 4 Bannan Place. The building will be erected in the rear of No. 4 Bannan Place and will cover an area of 20 by 13½ feet. There will be two flats. Interiors will be finished in pine. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Thomas McCormick, 25 Gladys

street, S. F. The building will be erected at the corner of Richland avenue and Murray street, covering an area of 25 by 40 feet. Plans provide for two modern five-room flats. Interiors will be finished in pine and redwood. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Hardwood floors will be used in the living and dining rooms. Exterior of the building will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, F. Massoli, 1242 Hollister street, S. F. The building will be erected on Railroad avenue near Hollister street, having a 25-foot frontage and a depth of 44 feet. There will be two modern five-room flats. Interiors will be finished in pine and redwood. Some hardwood floors will be used. Open fire places and tile mantels will be used in the living rooms. Tile wainscot is specified for the bath rooms and kitchens. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$6,700. San Francisco. Architect, none. Owner, W. W. Rednall, 2500 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker, having a frontage of 25 feet and a depth of 60 feet. There will be two modern flats of six rooms and bath each. Interiors will be finished in pine and elm panels and redwood. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Automatic water heaters will be installed. Entrances will have tile wainscot. Exterior of the building will be covered with cement plaster on metal lath. A red stock brick veneer will also be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, R. O. Hoffman, 1734 Turk street, S. F. The building will be erected on Natoma near 6th street, and will contain four small flats of four rooms and bath each. Interior finish will be of pine and redwood. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HOSPITAL ADDITION—5 story and base. Class A construction, \$150,000. San Francisco. Architects, Bakewell

Brown, 251 Kearny street, S. F. Owners, Cooper Medical College, Leland Stanford, Jr., University. This building has been fully described in these columns several times before. Plans have been completed and are now out for figures. The building will be erected on the east side of Webster street between Sacramento and Clay. Construction will be fireproof. Special hospital plumbing and equipment will be installed. Exterior of the building will be faced with pressed brick.

CITY HALL PLASTER ORNAMENTS AND SHEET METAL WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids were opened at the last Wednesday meeting of the Board of Public Works for the composition plaster ornament work and for the sheet metal work on the new City Hall. P. E. Derville presented the lowest figure at \$9,325 for the composition plaster ornament work, and the Fordner Corncise Works the lowest figure for the sheet metal work. Contracts have not been awarded. A complete list of the bids opened appears under the heading of San Francisco in this issue.

CLUB ADDITION—3 story and base, brick and steel, \$65,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. The addition will be erected at the southwest corner of Van Ness and Post street, having a frontage of 60 feet on Van Ness and 109 feet on Post street. The basement of the building will contain the mechanical equipment and a large swimming tank. Main floor will be arranged for a large gymnasium with a mezzanine floor containing dressing rooms. The library and main social hall in the old portion of the building will be enlarged and extended into the new portion. Interior will be finished in pine and hardwoods with hardwood and maple floors. Steam heat and a hot water system will be installed. Exterior of the building will be faced with Colusa stone. Plans are complete and figures are being taken.

BRANCH POST OFFICE—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans for the structural steel for the new Ferry Post Office have been completed and forwarded to the State Advisory Board for approval. Bids will be called at the next meeting of the State Board of Harbor Commissioners. Further mention will be made in these columns at that time.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owners, D. U. and T. J. Penrose, 2539 28th avenue, S. F. The dwelling will be erected on the west side of 28th avenue south of Taraval, and has been designed for a six-room house with bath. Interior will be fin-

shed in pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile or brick. Tile wainscot and a composition floor will be used in the bath room. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2, 1½ story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, N. J. Nelson, 4278 23rd street, S. F. These two houses will be erected on the west side of Eureka street south of 22nd and each has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2½ story and base, frame, \$8,000. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner, Mrs. Rose Buckingham. The dwelling will be erected on Jackson street west of Divisadero, and has been designed to contain eight rooms and two baths. A large sun porch will be a feature of the building. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shiplap. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 501 11th avenue. The dwelling will be erected on the west side of 11th avenue north of Balboa, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Joe Kock, 23 Cotter street, S. F. The dwelling will be erected on Cotter street west of Mission, and has been designed for a six-room house. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2½ story and base, frame, \$20,000. San Francisco, Archi-

tect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner, F. W. Altken. The dwelling will be erected in 32nd Avenue Terrace, and has been designed to contain fourteen rooms, three baths and sleeping porch. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot air heat, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$21,000. San Francisco. Architect, Charles Skidmore, Foxcroft Bldg., S. F. Owner, H. C. Warwick, Hearst Bldg., S. F. The building will be erected at the southwest corner of Webster and Sacramento streets, having a frontage of 36 feet on one street and 82 feet on the other. There will be a total of twelve apartments of two and three rooms with bath. Interior finish will be of pine with some elm panels and hardwood floors. There will be steam heat, a hot water system and wall beds. All bath rooms will be finished in tile. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

POWER HOUSE—2½ story and base, steel and reinforced concrete. Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the new power house to be erected at the corner of McAllister and Larkin streets have been completed. This equipment will supply the buildings in the Civic Center with both light and heat. Construction will be fireproof. The original intention of the City Engineer was to construct a building with a steam generating plant costing in the neighborhood of \$75,000. The lighting engineers have recommended to the Supervisors that \$125,000 be spent and a plant installed using electricity that would be capable of supplying all buildings in the Civic Center. Bids are now being taken for the work, exclusive of the equipment, and will be opened by the Board of Public Works on November 11th.

ACADEMIC BUILDING PLASTERING—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans have been completed for the plastering in the Academic Building of the Polytechnic High School Group and figures are now being taken. Bids will be opened by the Board of Public Works on November 11th. Plans and specifications can be secured at the City Department of Architecture.

GRADING—Cost not stated. San Francisco. Engineer, Charles E. Witherell, 110 Jessie street, S. F. Owner, Thomas Scooble. Engineer Witherell has plans for grading city blocks in the Richmond District bounded by 29th and 32nd avenue, Anza and Balboa. The material to be

moved is light sand and is to be placed in a fill adjacent to the work. Mr. Witherell can be seen at 110 Jessie street any day between 12 and 2 o'clock.

THEATRE AND STORES—2 story and base. Class A construction, 100,000. San Francisco. Architect William Beasley, 127 Montgomery street, S. F. Owner, Sidney Grauman. An attempt is being made to secure a long term lease on the valuable property at the southwest corner of Market and Fourth streets. The architect states that if negotiations now pending can be brought to a conclusion that the present building will be practically torn down, a heavy steel frame erected and a theatre building erected which will be one of the largest in the west. Besides the theatre preliminary plans show four stores on the street fronts. Plans are only in the preliminary stage. Further mention will be made of the work.

APARTMENT HOUSE—7 story and base. Class A, \$150,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, S. W. Moreshead. The building will be erected at the southwest corner of California and Mason streets, covering an area of 7½ by 60 feet. There will be but six apartments, the upper two floors being arranged for one large apartment to be occupied by the owner. Each of the other floors will contain one apartment. Interiors will be finished to suit the tenants. There will be a complete steel frame, exterior walls will be of brick faced with cement plaster. The building will be one of the most elaborate apartment houses in the city. A contract for the grading has been awarded to the Sibley Grading and Tearing Co. and the structural steel work has been awarded to the Hudson Manufacturing Co. Contracts for the balance of the work will be let this week.

BAKE OVENS—Brick construction, \$4,000. San Francisco. Engineer, C. W. Ayers, 1644 Washington street, S. F. Owners, Hygienic Baking Co., 506 French National Bank Bldg. The ovens will be installed in a brick building at the northwest corner of Arguello Boulevard and Geary street. Work will require considerable brick work, steel lintels and sheet metal work. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCES—6, 2 story and base, frame, \$3,000 to \$5,000. Architect, none. Owner, Thomas Scooble, 363 14th avenue, S. F. These dwellings will be erected on the property bounded by 29th, 32nd avenues, Anza and Balboa streets. Each house will contain seven rooms and bath. Interiors will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat in the more expensive homes. Open fire places and tile or brick mantels will also be used. Tile wainscot is specified in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

Contracts Awarded.

WHARF SHED ROLLING DOORS—Cost not stated. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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California, Contractors, Kinneer Manufacturing Co., S. F., steel rolling doors for Piers Nos. 16, 18, and 37. Contract price, \$50,154.

LUMBER—Cost not stated. San Francisco, Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California, Contractors, Loop Lumber Co., S. F., furnishing lumber for fiscal year. Contract price, \$3,136.50.

WHARF REPAIRS—\$1,797. Fort Barry, Cal. Engineer, Contracting Quartermaster's Office, Fort Mason. Owners, United States Government, Contractors, Thomson Bridge Co., S. F. Contract price, \$1,797.

CHURCH—1 story and balcony, brick and steel, \$80,000. San Francisco, Architect, Edgar A. Mathews, Phelan Bldg., S. F. Owners, Third Church of Christ, Scientist, Contractor, Arthur Arlett, Sheldon Bldg., S. F. Contract price, \$80,000.

PLATS—2 story and base, frame, \$3,000. San Francisco, Architect, Carl Gieffuss, 46 Kearny street, S. F. Owner, Adolph Dittmann, Contractor, O. C. Holt, 369 14th avenue, S. F. Contract price, \$3,000.

VAULT EQUIPMENT—\$3,195. San Francisco, Architect, Supervising Architect Oscar Wendroth, Washington, D. C. Owners, United States Government, Contractors, Hermann Safe Co., S. F. Contract price, \$3,195.

ELECTRIC WORK, BACHELOR'S QUARTERS—Cost not stated. San Francisco, Engineer, Contracting Quartermaster's Office, Fort Mason. Contractors, Butte Engineering and Electric Co., S. F. Contract price not stated.

TWIN PEAKS TUNNEL CONSTRUCTION—\$3,372,000. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco, Contractors, Robert C. Storrie Co., S. F. Contract price, \$3,372,000. For a complete list of the bids submitted for this work see San Francisco.

City Bids Opened.

Robert C. Storrie Co. Present Low Figure For Twin Peaks Tunnel. Sheet Metal Bids Also Received.

Robert C. Storrie & Co. submitted the lowest figure for the construction of the Twin Peaks Tunnel at the meeting of the Board of Public Works Wednesday afternoon. Their bid was for \$3,372,000 being \$103,300 lower than the previous bid submitted by Hans Pedersen of Seattle. Three other figures for this work were received by the Board of Public Works, all being submitted in due form and entitled to consideration. These figures were as follows:

Twin Peaks Tunnel.

Hans Pedersen \$3,450,300
Robert C. Storrie & Co. 3,372,000
Twhy Bros. 3,369,630

McArthur Bros. Co. 3,385,960
Conditions surrounding the bidding remained unchanged from the last time, unit prices being submitted on fifteen parts of the work. Confusion in tabulating these prices make it impossible to give a list of the unit prices until the next issue.

Bids were also opened at the same meeting for the composition plaster ornament work at the new City Hall and for the sheet metal work on the same building. Following is a list of the bids received:

Composition Plaster Ornament Work.
D. Mowatt \$16,558
C. C. Morehouse 13,770
P. E. Derville 9,325

Sheet Metal Work, City Hall.

For orderer Cornice Works, Prop. 1, \$118,500.
U. S. Metal Products Co., Prop. 1, \$127,600.
Paraffine Paint Co., Prop. 1, (a) \$4349
Western Furnace Co., Prop. 1 (c) \$27,200.
Conlin & Roberts, Prop. 1, \$129,380.
Robert Dalziel & Co., Prop. 1 (b) \$80,672; Prop. 1 (c) \$25,987.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.	6637	Allen	Allen	6000
3581	Judell	Dunnivant	1750	3638	McCormick	McCormick	3000
3582	Clot	Terry	896	3639	Hoch	Gowan	1470
3583	Borromeo	McAusland	3250	3640	Anglo-Cal	Rose	4099
3584	Rovegno	McAusland	3250	3641	Univ. Md. Hm.	Rector	1325
3585	Meth Bk	Elvin	1215	3642	Maritime	Rector	1850
3586	Lubinsky	Parry	2000	3643	Phelan	McGowan	2857
3587	P. I. E.	Rudgear	13090	3644	Guerrero	Nelson	2750
3588	Bartieri	Dioguardi	3940	3645	Same	Same	2750
3589	Nelson	Nelson	2000	3646	Same	Same	2750
3590	Nelson	Nelson	2000	3647	Wentworth	Heide	700
3591	Consev Bldg	Owner	5000	3648	Union Oil	Van Emde	1000
3592	Same	Same	5000	3649	Good	Good	600
3593	Hoffman	Hoffman	4000	3650	Mastick	Mastick	1200
3594	Morris	Morris	2150	3651	Cox	Cox	500
3595	Penrose	Bowen	2000	3652	Maguire	Maguire	1450
3596	Koch	Koch	2000	3653	Pac G & E Co.	Coleman	360
3597	Chit Rity	Baker	6781	3654	Schumacher	Sinnott	50000
3598	Grosh	Bauer	1500	3655	St. Boniface	Rector	1400
3599	Grosh	Lithoid	700	3656	Desmond	Elliot	4545
3600	Southern Pacific	Scott	879	3657	Same	Same	3488
3601	O'Brien	Dyer	4375	3658	Yates	Yates	2900
3602	Same	Petersen	2000	3659	Same	Same	2900
3603	Bowers	Fink	2145	3660	Diving	Hein	400
3604	Fitzgerald	Hamill	3200	3661	Kawi	Little	500
3605	Oenig	Hansen	1895	3662	Feldmann	Owner	1000
3606	Koenig	Hansen	1895	3663	Jackson	Person	500
3607	Lowenstein	Hansen	17300	3664	Wood	Thorp	400
3608	Eastman	Wegner	5999	3665	Dobel	Trost	400
3609	Jacobs	Roberts	4240	3666	Hannon	Demarais	3280
3610	Yates	Yates	4900	3667	Powers	Welsh	3500
3611	Yates	Yates	4900	3668	3rd Ch Scientist	Arlett	12886
3612	Brady	Brady	400				
3613	Abrahamsky	Dickieson	400				
3614	Broock	Moore	400				
3615	Garbarino	Cazzaretti	400				
3616	Pontl	Olson	400				
3617	Prince	Cannon	400				
3618	St. Peter's	Todhunter	500				
3619	Novely	Novely	400				
3620	Novely	Novely	450				
3621	Gunst	Dreyfus	450				
3622	Sylvia	Sylvia	1250				
3623	Siller	Siller	450				
3624	Korsten	Ratto	400				
3625	Zindaro	Zindaro	400				
3626	Massoli	Massoli	2925				
3627	Darling	Brown	400				
3628	McCarty	McSheehy	1000				
3629	Lukes	Lukes	500				
3630	Dallman	Dallman	1000				
3631	Molzers	Philippis	400				
3632	Egan	Egan	400				
3633	Simon	Healy	750				
3634	Mayler	Wesennink	750				
3635	Ingram	Sanborn	500				
3636	Lazzarini	Demartini	1000				

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FRAME DWELLING (381) EXPOSITION SITE. All work for one-story frame building. Owner, H. L. Judell & Co., 227 Front, San Francisco. Architect, Bernard J. Joseph, 1st National Bank Bldg., S. F. Contractor, Dunnivant, Houghton, Van Sant, Inc., 503 Market, San Francisco. Filed Oct. 26, '14. Dated Oct. 21, '14. Frame up, roof boarded and outside sheathing on \$500 Completed and accepted 810 Usual 35 days 440 TOTAL COST, \$1750 Bond, \$875. Surety, Southwestern Surety Insurance Co. Limit, 50 days.

Forfeit, none. Plans and specifications filed.

FRAME FLATS

(3582) E EUREKA 125 S 18th S 20xE 125. All work except painting, plumbing, house moving for alterations and additions to two-story frame flats.

Owner.....Sallie Clot, 17 Collingwood, San Francisco.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...Wm. L. Terry, 1456 Willard, San Francisco.

Filed Oct. 26, '14. Dated Oct. 21, '14.

Foundations in and enclosed....\$200

Completed and accepted..... 395

Usual 35 days..... 300

TOTAL COST, \$596

Bond, \$896. Surety, Walter F. Terry and Jno. H. Powers. Limit, 60 days.

Forfeit, none. Plans and specifications filed.

FRAME COTTAGE

(3583) W FORTY-FIFTH AVE 250 S Irving 25x120. All work for one-story and basement frame cottage.

Owner.....Harry & Marguerite Borromeo, 1337 45th Ave., S. F.

Architect...None.

Contractor...McCausland Bros., 4173 23rd, San Francisco.

Filed Oct. 26, '14. Dated Oct. 23, '14.

Frame up, rafters in place....\$562.50

Brown coated and rough plumbing in 562.50

Completed and accepted..... 562.50

Usual 35 days..... 562.50

TOTAL COST, \$2250.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(3584) NW OTSEGO AVE 160 NE Seneca Ave NE 160xNW 237; Lots 8 and 9 Bk 23 West End Map 1. All work except painting, plumbing, shades and chandeliers for one-story and basement frame dwelling.

Owner.....Domenico Rovigno, 49 Aetna, San Francisco.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...Edward Zinkand & Son, 434 10th Ave., S. F.

Filed Oct. 26, '14. Dated Oct. 23, '14.

Rough frame up and roof on....\$500

Brown coated 600

Completed and accepted..... 700

Usual 35 days..... 920

TOTAL COST, \$2720

Bond, \$2720. Sureties, Karl J. Gunther and P. Brien. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

EXHIBIT BOOTH

(3585) EXPOSITION SITE. Carpenter, plaster, plumbing, glass, hardware, plumbing, tin and electric wiring and painting for Methodist Book Concern Exhibit Booth in Liberal Arts Building.

Owner.....Methodist Book Concern, 5 City Hall Ave. by The Scott-Hiner Co., 5 Kearny, San Francisco.

Architect...None.

Contractor...Arthur Elvin, 3854 23rd, San Francisco.

Filed Oct. 26, '14. Dated Oct. 23, '14.

Frame up 1/2

Interior finish in place..... 1/2

Usual 35 days..... 1/2

TOTAL COST, \$1215

Bond, \$607. Surety, Massachusetts Bonding & Insurance Co. Limit, 30

days. Forfeit, \$5. Plans and specifications filed.

FRAME DWELLING

(3586) E SAN BRUNO AVE 125 N Burrows N 25 E 100 Lot 6 Bk "11" Bailey Purchase. All work for one and one-half-story and basement frame dwelling.

Owner.....Minnie Lublinsky, 469 Raymond Ave., S. F.

Architect...None.

Contractor...T. H. Parry, 222 Raymond Ave., San Francisco.

Filed Oct. 26, '14. Dated Oct. 21, '14.

Frame up\$500

Brown coated 500

Completed and accepted..... 500

Usual 35 days..... 500

TOTAL COST, \$2000

Bond, \$1200. Sureties, Frank R. Webb and H. P. Coleman. Limit, 60 days.

Forfeit, none. Plans and specifications filed.

(3587) EXPOSITION GROUNDS. 7000 setbacks to be delivered on grounds.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.

Contractor...Rudgear-Merle Co., Bay & Stockton, San Francisco.

Filed Oct. 26, '14. Dated Oct. 16, '14.

75% of value of each delivery of setbacks based on \$1.87 per setback within 10 days from delivery....

Usual 35 days after delivery of 7000 setbacks 25%

TOTAL COST, \$13,090

Bond, \$7500. Sureties, A. Shaboro and A. E. Shaboro. Limit, Feb. 1, 1915.

Forfeit, none. Plans and specifications filed.

FRAME FLATS

(3588) N BERNARD 70-6 E Jones E 22xN 60. All work for two-story and basement frame (2) flats.

Owner.....Frederick Barriere, 1300 Stockton, San Francisco.

Architect...Chas. Fantoni, 916 Kearny, San Francisco.

Contractor...Louis Dioguardi, Daly City

Filed Oct. 26, '14. Dated Oct. 21, '14.

Enclosed and roof on.....\$985

Brown coated 985

Completed and accepted..... 985

Usual 35 days..... 985

TOTAL COST, \$3940

Bond, \$1940. Sureties, Tony Damico and D. O. Druffel. Limit, 90 days.

Forfeit, \$2. Plans and specifications filed.

FRAME DWELLING

(3589) W EUREKA 23-5 S 22nd. One story and basement frame dwlg.

Owner.....N. J. Nelson, 4278 23rd, San Francisco.

Architect...None.

Day's work COST, \$2000

FRAME DWELLING

(3590) W EUREKA 46-9 S 22nd. One-story and basement frame dwlg.

Owner.....N. J. Nelson, 4278 23rd, San Francisco.

Architect...None.

Day's work COST, \$2000

FRAME FLATS

(3591) N CLAREMONT 152-6 W 14th. Two-story and basement frame (2) flats.

Owner.....Conservative Bldg. & Invest

Co., 200 Phelan Bldg., S. F.

Architect...None.

Day's work COST, \$4000

FRAME FLATS

(3592) N CLAREMONT 127-6 W 14th. Two-story and basement frame (2) flats.

Owner.....Conservative Bldg. & Invest Co., 200 Phelan Bldg., S. F.

Architect...None.

Day's work COST, \$4000

FRAME FLATS

(3593) SE NATOMA 150 W Sixth. Two-story and basement frame (4) flats.

Owner.....R. O. Hoffman, 1734 Turk, San Francisco.

Architect...None.

Day's work COST, \$1000

FRAME DWELLING

(3594) W ELEVENTH AVE 175 N Balboa. Two-story and basement frame dwelling.

Owner.....A. T. Morris, 501 11th Ave., San Francisco.

Architect...None.

Day's work COST, \$2150

FRAME DWELLING

(3595) W TWENTY-EIGHTH AVE 250 S Taraval. One and one-half-story and basement frame dwelling.

Owner.....D. U. Bowen and T. J. Penrose, 2538 28th Ave., San Francisco.

Architect...None.

Contractor...D. U. Bowen.

COST, \$2000

FRAME DWELLING

(3596) S COTTER 200 W Mission. Two-story and basement frame dwelling.

Owner.....Joe Koch, 28 Cotter, S. F.

Architect...None.

Day's work COST, \$2000

CLASS "A" HOTEL

(3597) SE GEARY AND TAYLOR S 137-6xE 87-6. Finish hardware for 12-story and basement Class "A" hotel building.

Owner.....Clift Realty Co., 1st National Bank Bldg., S. F.

Architect...G. A. Applegarth, Claus Spreckels Bldg., S. F.

Contractor...Baker & Hamilton, 451 Brannan, San Francisco.

Filed Oct. 27, '14. Dated Oct. 21, '14.

When all materials delivered at building 50%

When installed 25%

Usual 25 days..... 25%

TOTAL COST, \$6750

Bond, \$3392. Surety, Southwestern Surety Ins. Co. Limit, all hardware to be delivered by Dec. 25, 1914. Forfeit, \$10. Plans and specifications filed.

HOTEL BUILDING

(3598) N SUTTER 100 W Powell. Electric fixtures and shades for Grosh Hotel Building.

Owner.....M. D. Grosh, E. G. Larzere and Louise M. Sage, Mills Bldg., S. F.

Architect...N. W. Sexton, Chronicle Bldg., San Francisco.

Contractor...Bauer Fixture Co., 45 Jones, San Francisco.

Filed Oct. 27, '14. Dated Oct. 9, '14.

Commencement of installations 50%

Completion of installation..... 50%

Usual 35 days..... 25%

TOTAL COST, \$1700

Bond, \$650. Surety, American Surety

Co. Limit, Oct. 28. Forfeit, none. Specifications only filed.

(3599) EXTERIOR PAINTING ON above.

Contractor...Lithoid Products Co., Merchants' Exchange Bldg., San Francisco.

Filed Oct. 27, '14. Dated Oct. 3, '14.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$700

Bond, \$350. Surety, Royal Indemnity Co. Limit, Oct. 30. Forfeit, \$10. Specifications only filed.

PASSENGER DEPOT

(3600) BLOCK EDED BY THIRD, 4th Townsend and King. Ceramic tile floor and glazed tile wainscoting for brick passenger depot building.

Owner.....Southern Pacific Co., Flood Bldg., San Francisco.

Architect...None.

Contractor...Scott Company, 243 Minna, San Francisco.

Filed Oct. 27, '14. Dated Oct. 22, '14.
Usual 35 days.....\$879

TOTAL COST, \$879

Bond, \$500. Surety, The Chicago Bonding & Surety Co. Limit, forfeit, none. Plans and specifications filed.

CLASS "C" APARTMENTS

(3601) E MASON 62-6 S Sutter E 75x S 35. Structural steel and iron work for six-story and basement Class "C" apartment building.

Owner.....O'Brien, Kiernan Realty Co., 1754 Mission, S. F.

Architect...Rousseau & Rousseau, Monadnock Bldg., S. F.

Contractor...Dyer Bros. Golden West Iron Works, 17th & Kansas, San Francisco.

Filed Oct. 27, '14. Dated Oct. 23, '14.

On completion 75%

Usual 35 days..... 25%

TOTAL COST, \$4375

Bond, none. Limit, as required. Forfeit, \$10. Plans and specifications filed.

(3602) EXCAVATING, CONCRETE & steel reinforcement on above.

Contractor...H. L. Petersen, 62 Post, San Francisco.

Filed Oct. 27, '14. Dated Oct. 27, '14.

Concrete wall up to lobby floor 50%

On completion 25%

Usual 35 days..... 15%

TOTAL COST, \$2000

Bond, none. Limit, as required. Forfeit, \$10. Plans and specifications filed.

EXHIBIT BOOTH

(3603) EXPOSITION SITE. Erection of exhibition booth in Palace of Manufactures.

Owner.....Bowers Rubber Works, 68 Sacramento, San Francisco.

Architect...Reid Bros., Cal-Pacific Bldg., San Francisco.

Contractor...The Pink & Schindler Co., 218 13th, San Francisco.

Filed Oct. 27, '14. Dated Oct. 14, '14.

On 15th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2145

Bond, \$1100. Sureties, Otto T. Hildebrecht and G. W. Bragg. Limit, Dec. 15, 1914. Forfeit, \$10. Plans and specifications filed.

FRAME RESIDENCE

(3604) E TWENTY-FIRST AVE 300, S Geary S 25x E 120. All work for two-story frame residence.

Owner.....Matthew A. and May A. Fitzgerald, 2562 Polson, San Francisco.

Architect...None.

Contractor...Thos. Hamill, 268 25th Ave., San Francisco.

Filed Oct. 28, '14. Dated Oct. 12, '14.

Rough frame up and rustic and roof boards on.....\$800

Brown coated 800

Completed and accepted..... 800

Usual 35 days..... 800

TOTAL COST, \$3200

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING

(3606) E FIFTH AVE 175 S Cornwall S 25x E 120. All work for two-story basement frame building.

Owner.....George Koenig.

Architect...None.

Contractor...Christian Hansen.

Filed Oct. 28, '14. Dated Oct. 14, '14.

Frame up\$475

Brown coated 475

Completed 475

Usual 35 days..... 475

TOTAL COST, \$1895

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(3605) S FELTON 35 E Harvard E 30 Ass'n. All work for one-story and basement frame flats.

Owner.....Emma J. Briare.

Architect...None.

Contractor...Edward F. Helms, 5th Ave and California, S. F.

Filed Oct. 28, '14. Dated Oct. 15, '14.

Rough frame up.....\$1200

Brown coated 1200

Completed 1200

Usual 35 days..... 1200

TOTAL COST, \$4800

Bond, none. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

NOTE—1st report Oct. 26th; No. 3576

RESIDENCE

(3607) SW BROADWAY & WEBSTER W 107-6x E 38-2½. Excavation, concrete, brick, structural, iron, carpenter, lathing, plaster, roofing, sheet metal, tile, composition and marble, hardware, ornamental iron and glass for residence.

Owner.....S. Lowenstein, Kearny & Sutter, San Francisco.

Architect...G. Albert Lansburgh, M. A. Gunst Bldg., S. F.

Contractor...F. A. Hansen, M. A. Gunst Bldg., S. F.

Filed Oct. 28, '14. Dated Oct. 23, '14.

Concrete completed except floors\$1000

Frame up and brick work done 3000

Ready for plaster..... 2000

Plastering completed 2000

Enclosed ready for painter..... 3000

Completed and accepted..... 2125

Usual 35 days..... 4375

TOTAL COST, \$17,500

Bond, \$9000. Surety, Guardian Casualty & Guaranty Co. Limit, 125 days. Forfeit, none. Plans and specifications filed.

EXPOSITION BUILDING

(3608) EXPOSITION GROUNDS. All work except electrical and painting for exposition building.

Owner.....Eastman Kodak Co., 241 Battery San Francisco.

Architect...Ellis & Faville, Balboa Bldg., San Francisco.

Contractor...A. Wegner.

Filed Oct. 28, '14. Dated Oct. 27, '14.

Frame up\$1499.75

Plastering completed 1499.75

Completed and accepted..... 1499.75

Usual 35 days..... 1499.75

TOTAL COST, \$5999.00

Bond, \$3000. Surety, Massachusetts Bonding & Insurance Co. Limit, Jan. 25, 1915. Forfeit, none. Plans and specifications filed.

RESIDENCE

(3609) NE LAKE & TWENTY-FIRST AVE N 100x E 32-6. All work except painting, plumbing, gas fitting, electric fixture and finish hardware for two-story and basement residence.

Owner.....Lillian W. Jacobs.

Architect...Alfred Henry Jacobs, 110 Sutter, San Francisco.

Contractor...Roberts & Woolficy, 1245 19th Ave., San Francisco.

Filed Oct. 28, '14. Dated Oct. 28, '14.

Frame up\$ 900

Roof boarding on..... 900

Brown coated 1060

Completed and accepted..... 1220

Usual 35 days..... 1060

TOTAL COST, \$4240

Bond, \$4240. Surety, Massachusetts Bonding & Insurance Co. Limit, Mar. 15, 1915. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(3610) E SIXTEENTH AVE 258-3 N Clement. Two-story and basement frame dwelling.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.

Contractor...W. F. Yates, 335 21st Ave., San Francisco.

COST, \$4900

FRAME DWELLING

(3611) E SIXTEENTH AVE 154-3 N Clement. Two-story and basement frame dwelling.

Owner.....Jeanette Yates, 335 21st Ave., San Francisco.

Architect...None.

Contractor...W. F. Yates, 335 21st Ave., San Francisco.

COST, \$4900

NEW FLOOR

(3612) S TEHAMA 107 W First. New floor.

Owner.....A. Bradey, 375 Guerrero, San Francisco.

Architect...None.

Day's work. COST, \$400

REPAIR SALOON

(3613) NO. 569 CALIFORNIA. Repair saloon.

Owner.....Ella Abramsky, 41 Montgomery, San Francisco.

Architect...None.

Contractor...J. E. Dickleson, 1046 Hyde San Francisco.

COST, \$400

ALTERATIONS

(3614) NO. 58 WILLIAMS AVE. Alter store and dwelling.

Owner.....C. Brook, Premises.

Architect...None.

Contractor...F. A. Moore, 1800 Market, San Francisco.

COST, \$400

ALTER DWELLING

(3615) NO. 3763 TWENTIETH. Alter dwelling.

Owner.....J. C. Garbarino, Premises.

Architect...None.
Contractor...Cazzaretti & Co., 2503
Franklin, San Francisco.
COST, \$400

FRAME DWELLING

(3616) E PRENTISS 25 N Powhattan.
One-story and basement frame dwlg.
Owner.....G. Fonti, 207 Prentiss,
San Francisco.
Architect...None.
Contractor...O. Olson, 71 Bradford, S. F.
COST, \$450

ADDITION

(3618) NO. 215 WEST CLAY. Add 1
room and porch.
Owner.....Wm. Prince, Premises.
Architect...None.
Contractor...Richard Cannon, 323 23rd
Ave., San Francisco.
COST, \$400

RATPROOF BASEMENT

(3618) E TWENTY-NINTH AVE 100
S Clement. Ratproof hasement of
church.
Owner.....St. Peter's Church, Prem.
Architect...None.
Contractor...Geo. C. Todhunter, 445
29th Ave., San Francisco.
COST, \$500

ELECTRIC SIGN

(3619) NO. 1053 MARKET. Electric
sign.
Owner.....Harry Moore-Johnson Co.,
Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

ELECTRIC SIGN

(3620) NO. 562 SUTTER. Electric
sign.
Owner.....Hotel Regent, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$450

NEW FRONT

(3621) NO. 204 O'FARRELL. New
front.
Owner.....M. A. Gunst & Co., Cali-
fornia and Front, S. F.
Architect...None.
Contractor...Dreyfus Bros., 324 Cali-
fornia, San Francisco.
COST, \$400

FRAME DWELLING

(3622) S ANZA 75 E 36th Ave. One-
story and basement frame dwelling.
Owner.....A. M. Sylvia, 371 30th Ave.
San Francisco.
Architect...None.
Day's work. COST, \$1250

ALTERATIONS

(3623) SW PINE AND MASON. Alter
store into flat.
Owner.....Siller Bros., 829 Fell,
San Francisco.
Architect...None.
Day's work. COST, \$450

ALTERATIONS

(3624) NO. 2030 FILBERT. Alter
and repair dwelling.
Owner.....C. Korsten, Premises.
Architect...None.
Contractor...Benj. Ratto, 3125 Stelner,
San Francisco.
COST, \$400

FRAME DWELLING

(3625) NO. 125 JUDSON AVE. One-
story frame dwelling.
Owner.....Mrs. J. B. Zindaro, Prem.
Architect...None.
Day's work. COST, \$100

FRAME STORE

(3626) E RAIL ROAD AVE 76 S
Hollister. Two-story frame store.
Owner.....F. Massoli, 1242 Hollister,
San Francisco.
Architect...None.
Day's work. COST, \$2925

ALTERATIONS

(3627) NO. 367 CUMBERLAND. Move
dwelling and concrete foundation.
Owner.....W. G. Darlings, Premises.
Architect...None.
Contractor...J. C. Brown, 173 Caselli
Ave., San Francisco.
COST, \$100

FRAME SHOP

(3628) W FOLSOM 200 S 14th. One-
story frame shop.
Owner.....J. McCarty, 580 O'Farrell,
San Francisco.
Architect...None.
Contractor...McSheehy Bros., 73 Lang-
ton, San Francisco.
COST, \$1000

ADDITION

(3629) NO. 1533 ELEVENTH AVE.
Alter and add to cottage.
Owner.....Mrs. A. F. Lukes, Prem.
Architect...None.
Contractor...Henry Lukes, Premises.
COST, \$500

FRAME DWELLING

(3630) W FORTY-THIRD AVE 250 S
Lincoln Way. One-story and base-
ment frame dwelling.
Owner.....C. H. Dallman, 1258 47th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

ALTERATIONS

(3631) SW TWENTY-FIRST AND
Hampshire. Alter front.
Owner.....Mr. Motzers, 243 Clement,
San Francisco.
Architect...None.
Contractor...A. Filippis, 308 5th Ave.,
San Francisco.
COST, \$400

FRAME SHOP

(3632) E STEVENSON 150 N 14th.
One-story frame shop.
Owner.....Wm. Egan & Co., 407 29th,
San Francisco.
Architect...None.
Day's work. COST, \$400

ALTERATIONS

(3633) NO. 1019 VAN NESS AVE.
Alterations and repairs.
Owner.....Cecilia Simon, 519 Califor-
nia, San Francisco.
Architect...None.
Contractor...Geo. Healy, 110 Jessie,
San Francisco.
COST, \$750

REPAIR DWELLING

(3634) NO. 46 APOLLO. Alter and re-
pair dwelling.
Owner.....Harry Mayler, Premises.
Architect...None.
Contractor...A. A. Wesendunk, 1747
Dolores, San Francisco.
COST, \$750

ALTERATIONS

(3635) NO. 67 SEVENTH AVE. Minor
alterations to dwelling.
Owner.....Mrs. A. V. Ingram, Prem.
Architect...None.
Contractor...J. Sanborn, 71 7th Ave.,
San Francisco.
COST, \$500

FRAME DWELLING

(3636) W CASTRO 126-6 S Day. One-
story and basement frame dwelling.
Owner.....Ganti Lazzarini, 515 19th,
San Francisco.
Architect...None.
Contractor...J. E. Demartini, 3439 26th,
San Francisco.
COST, \$1000

FRAME DWELLING

(3637) E EIGHTH AVE 66 N Moraga
Two-story and basement frame dwlg
Owner.....H. B. & L. D. Allen, 128
Sutter, San Francisco.
Architect...Chas. J. Rousseau, 46
Kearny, San Francisco.
Contractor...Allen & Co., 128 Sutter,
San Francisco.
COST, \$6000

FRAME FLATS

(3638) NW RICHLAND AVE AND
Murray. Two-story and basement
frame (2) flats.
Owner.....Thos. McCormick, 25
Gladys, San Francisco.
Architect...None.
Day's work. COST, \$3000

FRAME COTTAGE

(3639) NW BALBOA PARK & GEN-
esee N 27-6xW 100. All work for one
story and basement frame cottage.
Owner.....Leota Hoch, 1373 Califor-
nia, San Francisco.
Architect...Plans y Contractor.
Contractor...Stevenson & Gowan, 136
Girard, San Francisco.
Filed Oct. 29, '14. Dated Oct. 27, '14.
Frame up\$375
Brown coated 365
Completed 365
Usual 35 days..... 365
TOTAL COST, \$1470
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

CONCESSION BUILDING

(3640) EXPOSITION SITE. All work
except vault lining and door, bank
screen, marble floor and base, heat-
ing, Simplex window fixtures, elec-
tric fixtures, window shades, lino-
leum, and flower pots for frame con-
cession building.
Owner.....The Anglo-California
Trust Co., Market & San-
some, San Francisco.
Architect...Chas. S. Kaiser, 57 Post,
San Francisco.
Contractor...L. A. Rose, Monadnock
Bldg., San Francisco.
Filed Oct. 28, '14. Dated Oct. 28, '14.
Frame up\$1024.75
1st coat of exterior and interior
plaster on 1024.75
Accepted 1024.75
Usual 35 days, balance..... 1024.75
TOTAL COST, \$4099.00
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

RADIATORS

(3641) UNIVERSITY & BACON STS.
All work for Rector System gas heat-
ing, 23 radiators.

Owner.....University Mound Old
Ladies' Home, Premises.
Architect...None.
Contractor...Rector System Heating
Co., 331 Sutter, S. F.
Filed Oct. 29, '14. Dated Oct. 26, '14.
Roughed in 37½%
Radiators & motor delivered 37½%
On completion 25 %
TOTAL COST, \$1325
Bond, limit, forfeit, plans and specifications, none.

RADIATORS

(3642) S CLAY 150 E Drumm All
work for 22 radiators for three-story
Class "A" building.
Owner.....Maritime Hall Association.
Architect...None.
Contractor...Rector System Gas Heat-
ing Co., 331 Sutter, S. F.
Filed Oct. 29, '14. Dated Oct. 26, '14.
Roughing in done..... 37½%
Radiators delivered & set up 37½%
Usual 35 days..... 25 %
TOTAL COST, \$1350
Bond, limit, forfeit, plans and specifications, none.

STORE BUILDING

(3643) N SUTTER 85-3 E Powell E
52-3xN 137-6. Brick work, cement-
ing of basement brick walls and
drain tile work for one-story and
basement Class "C" store building.
Owner.....J. D. Phelan, Phelan Bldg.,
San Francisco.
Architect...C. E. Gottschalk, Phelan
Bldg., San Francisco.
Contractor...McGowan & Butler, 180
Jessie, San Francisco.
Filed Oct. 29, '14. Dated Oct. 26, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$2857
Bond, \$1429. Surety, The Aetna Acci-
dent & Liability Co. Limit, 25 days.
Forfeit, none. Plans and specifications
filed.

FRAME DWELLING

(3614) S TWENTY-FOURTH 75 W
Homestead. Two-story and base-
ment frame dwelling.
Owner.....Guerrero Realty Co., 2165
Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 244 Rivoili
Ave., San Francisco.
COST, \$2750

FRAME DWELLING

(3645) S TWENTY-FOURTH 100 W
Homestead. Two-story and base-
ment frame dwelling.
Owner.....Guerrero Realty Co., 2165
Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 244 Rivoili
Ave., San Francisco.
COST, \$2750

FRAME DWELLING

(3646) S TWENTY-FOURTH 50 W
Homestead. Two-story and base-
ment frame dwelling.
Owner.....Guerrero Realty Co., 2165
Mission, San Francisco.
Architect...None.
Contractor...Emil Nelson, 244 Rivoili
Ave., San Francisco.
COST, \$2750

ADDITION

(3647) NO. 539 MARKET. Add mezza-
nine floor.
Owner.....F. T. Wentworth, Prem.
Architect...None.

Contractor...A. F. Heide, 46 Kearny,
San Francisco.
COST, \$700

FREIGHT ELEVATOR

(3648) ILLINOIS & SEVENTEENTH.
Install freight elevator.
Owner.....Union Oil Co. of Califor-
nia, Mills Bldg., S. F.
Architect...None.
Contractor...R. C. Van Emon, 235 1st,
San Francisco.
COST, \$1000

FRAME BARN

(2649) THIRTIETH & GLENN AVE.
One-story frame barn.
Owner.....John L. Good, Alms House
Road, San Francisco.
Architect...None.
Day's work. COST, \$600

ALTERATIONS

(3650) NOS. 735-49 BATTERY. Re-
pair floor, partitions, lavatory, etc.
Owner.....Geo. H. Mastick, Nevada
Bank Bldg., S. F.
Architect...Wm. Mooser, Nevada Bank
Bldg., San Francisco.
Day's work. COST, \$1900

REPAIR STORE

(3651) SW BAKER & GREENWICH.
Minor repairs on store.
Owner.....M. Cox, 2729 Lombard,
San Francisco.
Architect...None.
Day's work. COST, \$500

FRAME DWELLING

(3652) N HARRISON 225 E Sixth.
One and one-half-story and base-
ment frame dwelling.
Owner.....J. A. Maguire, 32 Clay,
San Francisco.
Architect...None.
Day's work. COST, \$1450

PLUMBING WORK

(3653) NW TWENTY-FOURTH AVE &
Balboa W 107-6xN 115-4. Plumbing
work for Station "K".
Owner.....Pacific Gas & Electric Co.,
445 Sutter, San Francisco.
Architect...None.
Contractor...Alexander Coleman, 706
Ellis, San Francisco.
Filed Oct. 30, '14. Dated Oct. 29, '14.
Roughed in 50%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$360
Bond, \$180. Surety, Hartford Accident
& Indemnity Co. Limit, 12 days after
notification. Forfeit, none. Plans and
specifications filed.

APARTMENT HOUSE

(2651) N O'FARRELL 74 W Larkin W
63-6xN 120. All work for four-story
and basement reinforced concrete
apartment house.
Owner.....Maria Schumacher, H. W.
and Hermine Ludemann,
1081 Park Ave., Alameda.
Architect...William Wilde, 1st Nat'l
Bank Bldg., Oakland.
Contractor...Richard Sinnott, 1323
Guerrero, S. F.

Filed Oct. 30, '14. Dated Oct. 29, '14.
On 1st of each month as work
progresses payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$50,000
Bond, \$25,100. Surety, Pacific Coast
Casualty Co. Limit, 125 days. Forfeit,
\$10. Plans and specifications filed.

RADIATORS

(3655) NO. 133 GOLDEN GATE AVE.
Installation and furnishing 22 radi-
ators.
Owner.....Franciscan Fathers of St.
Boniface Church.

Architect...None.

Contractor...The Rector System Gas
Heating Co., 331 Sutter, S. F.
Filed Oct. 30, '14. Dated Sept. 11, '14.
Roughed in 37½%
Radiators and motors delivered
and set up 37½%
Completed 25 %
TOTAL COST, \$1400
Bond, limit, forfeit, plans and specifications, none.

FRAME BUILDING

(2656) EXPOSITION SITE. All work
for frame building (Frankfurter Inn)
Owner.....Desmond Supply Co.
Architect...Wm. C. Hays, 63 Post, S. F.
Contractor...E. W. Elliot, 1378 Waller,
San Francisco.
Filed Oct. 30, '14. Dated Oct. 29, '14.
Frame completed 30%
Plastering done 30%
Completed and accepted..... 15%
Usual 35 days..... 25%
TOTAL COST, \$1545
Bond, \$2300. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME BUILDING

(3657) EXPOSITION SITE. All work
for frame building (Roast Beef Con-
cession Building No. 3).
Owner.....Desmond Supply Co.
Architect...Wm. C. Hays, 63 Post, S. F.
Contractor...E. W. Elliot, 1378 Waller,
San Francisco.
Filed Oct. 30, '14. Dated Oct. 29, '14.
Frame finished 30%
Completed and accepted..... 45%
Usual 35 days..... 25%
TOTAL COST, \$3488
Bond, \$1744. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME DWELLING

(3658) W COLLINS 165 N Geary. Two
story and basement frame dwelling.
Owner.....Jeanette Yates, 335 21st
Ave., San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st
Ave., San Francisco.
COST, \$2900

FRAME DWELLING

(3659) W COLLINS 265 N Geary. Two
story and basement frame dwelling.
Owner.....Jeanette Yates, 335 21st
Ave., San Francisco.
Architect...None.
Contractor...Wm. F. Yates, 335 21st
Ave., San Francisco.
COST, \$2900

ALTERATIONS

(3660) NO. 139 LEESE. Raise and
alter dwelling.
Owner.....H. Diving, Premises.
Architect...None.
Contractor...T. H. Hein, 270 Coleridge,
San Francisco.
COST, \$400

ALTER RESTAURANT

(3661) NO. 134 MASON. Alter restau-
rant.
Owner.....L. A. Kawi.
Architect...None.
Contractor...Wm. Little, 753 8th Ave.,
San Francisco.
COST, \$500

ALTERATIONS

3662) NOS. 108-110 DOLORES. Alter front and repair interior.
Owner.....L. Feldmann & Co.
Architect...B. J. Gordon, 2218 Clay, San Francisco.
Day's work. COST, \$100

ALTERATIONS

3663) NO. 2736 FILBERT. Alter for sun porch.
Owner.....Elliott G. Jackson, Frem.
Architect...E. T. Foulkes, 1118 Crocker Bldg., S. F.
Contractor...M. E. Pierson, 37 Lyon, San Francisco.
COST, \$500

ALTERATIONS

3664) NO. 3233 PACIFIC AVE. Alter dwelling.
Owner.....S. A. Wood, Premises.
Architect...None.
Contractor...J. H. Thorup, 281 26th Ave., San Francisco.
COST, \$100

ALTERATIONS

3665) E FILLMORE 70 N O'Farrell. Alter entrance and install fixtures.
Owner.....Hans Dodel, 3771 Mission, San Francisco.
Architect...None.
Contractor...Robert Trost, 26th and Howard, San Francisco.
COST, \$100

FRAME FLATS

3666) S NINETEENTH 100 E Missouri. All work for two-story and basement frame flats.
Owner.....Patrick and Kate Hannon, 404 Texas, San Francisco.
Designer...B. W. Demarais, 732 Page, San Francisco.
Contractor...B. W. Demarais, 732 Page, San Francisco.
Filed Oct. 31, '14. Dated Nov. 15, '14.
Frame up\$820
Brown coated 820
Completed 820
Usual 35 days..... 820
TOTAL COST, \$3280

Bond, none. Limit, 90 days from Nov. 2, 1914. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

3667) W THIRD AVE 275 S Geary S 25xW 120. All work for two-story and basement frame residence.
Owner.....Nellie T. Powers, San Mateo, Cal.
Architect...None.
Contractor...James Welsh, 244 20th Ave., San Francisco.
Filed Oct. 31, '14. Dated Oct. 19, '14.
Rafters up\$875
Brown coated 875
Accepted 875
Usual 35 days..... 875
TOTAL COST, \$3500

Bond, \$3500. Surety, Thos. Welsh. Limit, 90 days from Oct. 19, 1914. Forfeit, none. Plans and specifications filed.

CHURCH

3668) N HAIGHT 187-6 E Central Ave N 137-6xP 75. Grading, brick and terra cotta work for church building.
Owner.....The Third Church of Christ Scientist, Haight nr Central Ave., S. F.
Architect...Edgar A. Mathews, 251 Post, San Francisco.

Contractor...Arthur Alelli, Sheldon Bldg., San Francisco.
Filed Oct. 31, '14. Dated Oct. 26, '14.
Foundation up to lower floor, \$3626
When portion of building from lower floor to auditorium floor is constructed 3350
On completion 6880
TOTAL COST, \$12,856
Bond, \$6113. Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Oct. 1, 1914—SW ELEVENTH AVE and Anza. Alfred T Morris to whom it may concern. Sept. 30, 1914
Oct. 1, 1914—E JONES 125 N Lombard N 25xW 137-6. P Bacigalupi to G Caranza & Bro and A CurranSeptember 23, 1914
Oct. 1, 1914—SE MARKET 375 SW Third SW 25xSE 100. P Berges, Jeanne, Juliette H, Henry J and Alice Berger and Eugenie B Muller to C D Rankin Constr Co. Sept. 26, '14
Oct. 2, 1914—E SIXTEENTH AVE 180-3 N Clement N 26x135. Jeanette Yates to whom it may concern.....Sept. 30, 1914
Oct. 2, 1914—LOT 12 BLK 18 Alfred's Sub Blks 17 and 18 West End Map No. 1. Watson A Titus to whom it may concern.....Oct. 2, 1914
Oct. 2, 1914—LOT 13 BLK 8, De Boom Tct. Andrew Olsen to C W HansenSept. 26, 1914
Oct. 2, 1914—E DIAMOND 25-6 N 28th 25x105; No. 1543 Diamond. Francis Beldon to whom it may concern.....Sept. 26, 1914
Oct. 2, 1914—N JACKSON 137-6 E Maple E 67-6 N 170 W 67-6 S 162. Alfred Suto to J Harold Johnson and Harry G Graper.....Oct. 2, 1914
Oct. 2, 1914—E MISSION 75-1 1/2 N 22nd E 122-6 N 30-5 1/2 W 123 m or 1 S 23-0 1/2. Jens P Nissum to whom it may concern.....Oct. 1, 1914
Oct. 2, 1914—S MINNA 125 W 8th S 80xW 25. P S O'Rourke to Walker Props.....Oct. 1, 1914
Oct. 2, 1914—E COLLINS 125 S Point Lohos Ave S 25xW 120. Mary A Ashurst to J D Bell.....Oct. 2, 1914
Oct. 3, 1914—S CHESTNUT 47 E Dupont E 48-9 S 120 W 25-9 N 48 W 23 N 72. J D Brown to Johnston & Co.....Oct. 2, 1914
Oct. 3, 1914—E TWENTY-SECOND Ave 200 N California N 25xW 120. James Welsh to James Welsh & CoSept. 24, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 100 N Anza N 25xW 120. Thos Hamill to whom it may concern.....Sept. 3, 1914
Oct. 3, 1914—SE THIRD AVE AND Hugo. Hazel C Bayles to John D Bayles.....Oct. 1, 1914
Oct. 3, 1914—S LOMBARD 137-6 E Powell E 68-9xS 137-6. Hugh McKevitt to Currie & Currie. Oct. 2, 1914
Oct. 3, 1914—SW FRANKLIN AND Washington W 137-6xS 55. Sophie Grannis, extrx Estate Frank R Grannis, dec'd to whom it may concern.....Oct. 2, 1914
Oct. 3, 1914—W WHITNEY 575 S 30th S 25xW 125. Fairmount Bldg 26. Mary Krucovsky (wife John) to G Cavaglieri.....Oct. 2, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 100 N Anza N 25xW 120. Thos

Hamill to whom it may concern

Oct. 3, 1914—BELCHER NO. 29, 25 31 and 25. Don Brady and Aaron Jacobovitz to F A Klein Sept. 28, 1914
Oct. 5, 1914—W SEVENTEENTH AVE 25-11 N Clement N 25xW 120. Michael Costello to whom it may concern.....Oct. 5, 1914
Oct. 5, 1914—LOT 22 BLK "B" Add'n to Castro Street Add'n and Glen Park Terrace. Hans Heller to whom it may concern.....Oct. 2, 1914
Oct. 5, 1914—N LAKE 25 E 17th Ave E 27 6xN 71-6. Jeanette G Meyerfeld to G G Moren.....Sept. 26, 1914
Oct. 5, 1914—E CAPITAL AVE 137-6 S Granton S 37-6xW 112 6, being Lot 23 and 8 1/2 Lot 24 Blk 13, Lakeview Frank P and Mary Rosech to A Merlin.....Oct. 2, 1914
Oct. 5, 1914—LOT 2 BLK 26, Crocker Amazon Tract. John H Nelson to whom it may concern.....Oct. 3, 1914
Oct. 5, 1914—NW POWELL AND Sutter N 112-6xW 77-6. W F Perkins and H O Trowbridge to Ralph McLeran & C H Peterson.....Sept. 30, 1914
Oct. 5, 1914—E SIXTEENTH AVE 60 N Judah 25x100. Joseph Mignola to whom it may concern. Sept. 29, '14
Oct. 5, 1914—E HOLLIS 90 N Ellis 23x65. Jacob Ladenheim and Morris Kugelman to John Ratto, Inc.....Sept. 25, 1914
Oct. 6, 1914—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to California Artistic Metal & Wire Co.....Sept. 26, 1914
Oct. 6, 1914—W TWENTY-FIFTH Ave 125 S Geary S 25 W 84 NW 25 m or 1 E 86-7 being Lot 6 Blk 259, Homestead Union. Joseph C Kirby to whom it may concern.....Oct. 6, 1914
Oct. 6, 1914—E THIRTY-FIFTH AVE 25 N Anza N 75xW 95. Leigh & Schultz to whom it may concern.....Oct. 6, 1914
Oct. 6, 1914—SE GEARY & TAYLOR S 137-6xW 87-6. Chft Realty Co to N Clark & Sons.....Oct. 1, 1914
Oct. 7, 1914—BROADWAY NO. 2517. Latham McMullin to Daniel O'NeillOct. 1, 1914
Oct. 7, 1914—E THIRTEENTH 80 N Harrison. Wm Y Lawton to Chas G Adams.....Oct. 3, 1914
Oct. 7, 1914—NW VAN NESS AVE & Chestnut W 125-8 S to N Lombard th along N Lombard to W Lyon N to S shore of Bay of S E E to W Van Ness Ave S to beg, excepting ptn U. S. Government Fort Mason Reserv. lying N of Fort Mason as same is now existing, excepting also Blks 219 and 250, Harbor View Add'n. Panama-Pacific International Exposition Co to G R BouldnerSept. 29, 1914
Oct. 7, 1914—N CLAY 80 W Mason 29-6x120. Rosa Arato to J SalanaveOct. 6, 1914
Oct. 7, 1914—E COMMONWEALTH Ave 298-6 N Geary N 40 E 159-74 to a point on a line drawn parallel with W Parker Ave 120 W Parker Ave S 39-16 W 5 S 0-6 1/2 W along a line drawn through pt of beg at right angles to E Commonwealth Ave 158-20. Jeannette A Jordan to L V Riddle.....Oct. 6, 1914
Oct. 7, 1914—E NINTH AVE 325 N Fulton N 25xW 20. Joseph A De La Fontaine to J Harold Johnson.....Oct. 5, 1914
Oct. 8, 1914—W NINETEENTH AVE

- 150 S Anza S 50xW 120. Wilhelmina Bahrs to whom it may concern.....Oct. 6, 1914
- Oct. 8, 1914—NE SIXTEENTH AND Mission N 260xE 240. Henry Investment Co to H S Tittle.....Oct. 6, 1914
- Oct. 8, 1914—SW TAYLOR & EDDY W 137-6XS 187-6. Morris Hyman, Joseph, Julia Hyman, Theresa Stone, Emille Baruch and Henry W Hyman Estate to Malott & Peterson.....Oct. 6, 1914
- Oct. 8, 1914—S CALIFORNIA 107-6 W 24th Ave W 25xS 100. W A Smith to Thos Hamill.....Oct. 7, 1914
- Oct. 8, 1914—NE SIXTEENTH AND Mission N 260xE 240. Henry Investment Co to C W and H F Wagner.....Oct. 6, 1914
- Oct. 8, 1914—S PACIFIC AVE 32-6 E Walnut E 100xS 127-8 1/4. Katherine P Hooker to John Foster.....Oct. 5, 1914
- Oct. 8, 1914—THE EMPORIUM ON S Market, bet 4th and 5th. The Emporium, lessee to J R Wilson and Jas T Ludlow.....Sept. 25, 1914
- Oct. 8, 1914—N PACIFIC 114-6 W Hyde W 23xN 87-6. A C Lomelino to J W Lomelino.....Oct. 8, 1914
- Oct. 9, 1914—S O'FARRELL 129 E Van Ness Ave E 52-6xS 120. Martin S Show to T E Davis & Son.....Oct. 8, 1914
- Oct. 9, 1914—E MISSION 245 S 16th S 25xE 105. David Jacobs to Schroder & McIntosh.....Oct. 8, 1914
- Oct. 9, 1914—LOT 2 BLK 24 Crocker Amazon Tract. Abraham Areson to whom it may concern.....Oct. 9, 1914
- Oct. 9, 1914—LOT 432 Gift Map No. 2. Charles W Anderson to whom it may concern.....Oct. 8, 1914
- Oct. 9, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Mangrum & Otter.....Oct. 8, 1914
- Oct. 10, 1914—SW BROADWAY AND Grant Ave W 117-6 S 100 W 20 S 37-6 E 137-6 W 137-6. Mary Marsicano to Kiernan & O'Brien.....Sept. 30, 1914
- Oct. 10, 1914—EXPOSITION SITE. Panama-Pacific International Exposition Co to McSheehy Bros, Inc.....Oct. 6, 1914
- Oct. 10, 1914—E NINETEENTH AVE 225 N Balboa N 25x120. E J Spence and T Ferick to whom it may concern.....Oct. 10, 1914
- Oct. 10, 1914—SE SANSOME AND California. Fireman's Fund Insurance Co to Western Iron Works.....Sept. 26, 1914
- Oct. 13, 1914—E TWENTIETH AVE 50 S Anza S 25xE 82-6. Margaret Hamill to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—LOT 48 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—N TWENTY-SIXTH 140 E Diamond E 20x114. Laura B Donovan to T M Person.....Oct. 10, 1914
- Oct. 13, 1914—NE McKINNON AVE 150 NW from Newhall 25 N 100 E 25 S 100. Modesto Esposito to Stevenson & Gowan.....Oct. 1, 1914
- Oct. 13, 1914—LOTS 32 AND 33 BLK 17 B, C S Allred's Sub Blks 17 and 18, West End Map No. 1. Nels J Nelson to whom it may concern.....Oct. 2, 1914
- Oct. 13, 1914—SW TAYLOR & EDDY W 137-6XS 137-6. Morris, Joseph and Julia Hyman, Theresa Stone, Emille Baruch and The Henry W Hyman Estate to Western Iron Works.....Oct. 5, 1914
- Oct. 13, 1914—WORK ON WATER Front, foot of Mason. City Elec Co to Healy-Thibblits Constr Co.....Oct. 10, 1914
- Oct. 13, 1914—NE COTTER 53 SE Alemany. Lawrence Costello to Costello & McDonough.....Oct. 13, 1914
- Oct. 13, 1914—W De SOTO 50 m or l S Urbano Drive, Ingleside Terrace Lot 26 Blk 19. Henry and Kittle Stern to Higgins Co, Inc.....Oct. 10, 1914
- Oct. 13, 1914—LOT 49 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—FACING S BOUNDARY wall of Presidio, beg at a point on said wall 212-6 W Laurel W 29-6 S 120-19 m or l — 29-6 N 122-78 m or l. A A or Abbott A Hanks to Louis Delbel.....Oct. 10, 1914
- Oct. 13, 1914—N BROADWAY adj. W side of No. 1818 Broadway with frontage on Broadway of 30 feet. H C Moffitt to Floodberg & McCaffery.....Oct. 5, 1914
- Oct. 13, 1914—E MISSION 295 S 16th S 75xE 105. Lachman Bros to L A Norris Co, Gus May, Ideal Cornice Works, J J Seibert Co, C J Burt, Vitt Elec Co.....Oct. 6, 1914
- Oct. 13, 1914—NW CLEMENTINA 100 SW 8th SW 25xNW 75. Arnold J Tackle to whom it may concern.....Oct. 2, 1914
- Oct. 14, 1914—N CALIFORNIA 110 E Leavenworth E 27-6xN 112-6. Rousseau Realty Co to whom it may concern.....Oct. 14, 1914
- Oct. 14, 1914—NE TWENTY-FOURTH and Diamond E 215 N 114 E 25 S 114 W 25. Dean H Evans to McSheehy Bros, Inc.....Oct. 14, 1914
- Oct. 14, 1914—N RICHLAND AVE 25 W Murray (South Ave) W 25 N to S line Holly Park Circle E 25 S parallel with W Murray to N Richland Ave ptn Lots 38, 39, 40 Blk 4, Holly Park Tract. Thomas McCormick to whom it may concern.....Oct. 14, 1914
- Oct. 14, 1914—SACRAMENTO NOS. 2317, 2319, 2321, 2323, 2325, 2327. R C Rosenberg to Wm Schafer.....October 12, 1914
- Oct. 14, 1914—LOT 9 BLK 10 Forest Hill. John S Malloch to John S Malloch.....Oct. 13, 1914
- Oct. 14, 1914—NE HAIGHT AND Clayton N 27-6xE 100. Anna M Binning to G T Petterson and S Person.....Oct. 14, 1914
- Oct. 14, 1914—E LEAVENWORTH 85 S Geary S 52-6 E 112-6 N 54 W 27 S 1-6 W 55-6. S F Investment Cpn to Central Iron Works and H H Larsen & Bro.....Oct. 9, 1914
- Oct. 14, 1914—NW BUSH & LEAVENWORTH W 27-6xN 67-6. Ethel Curtaz to whom it may concern.....Oct. 14, 1914
- Oct. 15, 1914—JULIA NOS. 26 TO 28, being 96-6 N Lombard. Engenio Mazzini to Debendetti & Cuneo.....Oct. 10, 1914
- Oct. 15, 1914—N SACRAMENTO 60 E Front N 119-6 to S Commercial E 20 S 59-6 E 20 S 60 W 40. Wm F Barton to Healy-Thibblits Constr Co.....Oct. 5, 1914
- Oct. 15, 1914—SW CLAY & JONES W 120xS 33-9; No. 1315 Clay. A H Herbert to Peter Hamilton, Oct. —, 1914; J M Lettich, Oct. —, 1914;
- Victor Eng Co, Oct. —, 1914; Brandon & Lawson.....June 11, 1914
- Oct. 15, 1914—N FREDERICK 96-10 1/2 W Clayton W 25xN 110. Cecil W Mark to Louis Kern.....Oct. 13, 1914
- Oct. 15, 1914—SW JONES & CLAY S 33-9xW 120. A H Herbert to A Cadenasso and J Confland.....April 27, 1914
- Oct. 15, 1914—S GREENWICH 106-6 W Grant Ave 31x57-6. Luigi Dematelo to Devencenzi Bros & Co.....Oct. 15, 1914
- Oct. 15, 1914—SE MISSION 177-3 1/2 SW 12th — 44-3 1/2 th at an acute angle SE 139-1 th at an obtuse angle NE 32-4 1/2 th at an acute angle NW 137-1 1/4. John Hunt to L A Secor.....Oct. 3, 1914
- Oct. 15, 1914—S SUTTER 87-6 E Montgomery S 124-9 being pt of intersection with N line of lot to be occupied by building th S 62-7 W 25 S 83-11 1/2 — along Market 92-5 1/2 N 92-6 W 50. Hobart Est Co to Gould Storage Battery Co, Oct. 13, 1914; Simonds Machinery Co.....Oct. 14, 1914
- Oct. 16, 1914—E SIXTEENTH AVE 150 N Balboa; No. 570 16th Ave. Martin and Hans Nelson to whom it may concern.....Oct. 10, 1914
- Oct. 16, 1914—W PRESIDIO AVE 127-8 1/4 S Jackson — parallel with S Jackson 120 S 37-8 1/4 E 40-4 N 5 E 79-10 N 32-8 1/4. Henry R Jacob to H W Arnold.....Oct. 15, 1914
- Oct. 16, 1914—S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11 1/2 th along Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to Mangrum & Otter (2 completion notices).....Oct. 15, 1914
- Oct. 17, 1914—W TWELFTH AVE 150 S Anza 25x120. Wm D Ball to whom it may concern.....Oct. 16, 1914
- Oct. 16, 1914—N SUTTER 100 W Powell 37-6x137-6. M D Grosh, E G Larzelere and Louis M Sage to James L Brown, Inc.....Oct. 14, 1914
- Oct. 17, 1914—N O'FARRELL 91-6 E Larkin E 46 N 137-6 W 46 E 137-6. Miss E E Herrin to A Dahlberg.....October 17, 1914
- Oct. 19, 1914—SE EIGHTEENTH & Rhode Island E 50xS 30. J Kushner to F A or F Hansen.....Oct. 19, 1914
- Oct. 19, 1914—LOT 74 SUB NO. 1. Seaciff Add'n. W A Halsted to S A Born Edg Co.....Oct. 16, 1914
- Oct. 19, 1914—SE TWENTY-THIRD & Bryant 50x52. V Sattul and Agostina Sattul to G Trevia and G B Pasqualetti.....Oct. 17, 1914
- Oct. 19, 1914—S ANZA 95 E Third Ave E 25xS 100. Jacob Shafran to whom it may concern.....Oct. 12, 1914
- Oct. 19, 1914—E ASHBURY 278.69 S Clifford S 28x100. Harold Brauntson and W R Miller to whom it may concern.....Oct. 19, 1914
- Oct. 20, 1914—EXPOSITION SITE. The Postal Studio Co, Inc to A Wegner.....Oct. 17, 1914
- Oct. 20, 1914—W TWENTIETH AVE 200 N Balboa N 25xW 120. W A Breen to whom it may concern.....Oct. 20, 1914
- Oct. 20, 1914—W POLK 60 N Chestnut N 27xW 80. S Arrighi to C Orselli.....Completed —
- Oct. 21, 1914—NE EIGHTEENTH & Mission N 47xE 100. W A Halsted to A H Wilhelm.....Oct. 15, 1914
- Oct. 21, 1914—NE EIGHTEENTH & Mission N 47xE 100. W A Halsted to A H Wilhelm, R Zelinsky and Scott Co.....Oct. 15, 1914

Oct. 21, 1914—W TAYLOR 100 S Sutter S 37-6xW 137-6. B J Wyman to whom it may concern.....Oct. 12, 1914
Oct. 21, 1914—NW POST AND STOCKTON N 137-6xW 137-6. Blanche M or Blanch M Burbank to Atlantic Fireproofing Co., Oct. 14, 1914
Oct. 21, 1914—E STOCKTON 20-4 S Lombard S 20x E 50. M De Benedetti to G Ferroni & Son.....Completed—
Oct. 21, 1914—LOT 35 BLK "D" French & Gilman Tract. Auguste and Emilie Ladira to Thos McCormick.....Oct. 17, 1914
Oct. 21, 1914—SW BROADWAY & Bartol 40-6 on Broadway x 57-6 on Bartol. N Capurro to whom it may concern.....Oct. 21, 1914
Oct. 21, 1914—S POST 86-6 E Polk E 23-6xS 120. Jacques Larrouy to J A Hill.....Oct. 13, 1914
Oct. 21, 1914—LOT 25 Lyon & Hoags Shbyn 2 Ashbury Terrace. Battista Caru to whom it may concern.....Oct. 13, 1914
Oct. 22, 1914—N BEACH 230 W Baker N 350 W 560 S 1000 E 560 N 620 m or l. Panama-Pacific International Exposition Co to John G Sutton Co.....Oct. 20, 1914
Oct. 22, 1914—N CLEMENT 55 E 22d Ave E 25xN 100. Robert E Paton to Max Hantzsche and Fred McKay.....Oct. 22, 1914
Oct. 22, 1914—LOTS 36 and SE 1/2 Lot 37 Blk "K" Mission Street Land Co. Homestead Realty Co to Wm H Grahn.....Oct. 18, 1914
Oct. 22, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Ira W Coburn to Melton V Mowbray.....Oct. 17, 1914
Oct. 22, 1914—SE GREENWICH & Baker E 94xS 24. Margaret A Coleman to whom it may concern.....Oct. 20, 1914
Oct. 22, 1914—W EIGHTH AVE 225 S Noriega. J B Glover to whom it may concern.....Oct. 22, 1914
Oct. 22, 1914—EXPOSITION SITE. Joseph Bell De Remer, Agent for The State of North Dakota to Strehlow, Freese & Petersen.....Oct. 22, 1914
Oct. 23, 1914—W FIFTH AVE 200 S "T" S 25xW 120. Theodor J J or T J J Sommer to Ed Zinkand & Son.....Oct. 21, 1914
Oct. 23, 1914—N WEBSTER 81-6 S Pacific Ave 46-2 1/2x110. A M Byrne to N P Anderson.....Oct. 23, 1914
Oct. 23, 1914—SE POST & LEAVENWORTH — 137-6 E 137-6 N 137-6 W 137-6. Schmiedell Estate Cpn to whom it may concern.....Oct. 9, 1914
Oct. 23, 1914—N NINETEENTH 170 E Dolores E 25xN 100. Mary Parker to Lucas & Wilcox and J Cashman, Chas Rehn, A Rasmussen and Bell & Rosslow.....Oct. 20, 1914
Oct. 23, 1914—E MISSION 120 N 19th E 122-6xN 20. Fred C Gerdes to J Casty.....Oct. 20, 1914
Oct. 23, 1914—N VALEJO 94-5 E Van Ness Ave N 122-6x E 30-1. Louis A or L A Bacciocci to O C Holt, A Davis, E Anderson & Fro. M Schimitschek and Mangrum & Otter.....Oct. 22, 1914
Oct. 23, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 42-6 SW 45 NW 91-6. Chas Schlesinger to Stanquist & Forbes.....Oct. 19, 1914
Oct. 23, 1914—SW POST & POWELL

W 137-6 S 63-6 E 69-7 N 6-6 E 67 11 — 57. Crocker Hotel Co to Hudgear-Merle Co, Oct. 21, '14; Vulcan Iron Works, Oct. 16, '14; Taylor & Co, Oct. 15, '14; Hudgear-Merle Co.....Oct. 21, 1914
Nolan to whom it may concern.....Oct. 17, 1914
Oct. 24, 1914—W TWELFTH AVE 25 S Anza 25x95. A R Laopham to whom it may concern.....Oct. 23, 1914
Oct. 24, 1914—NW BURNSWICK 153 SW Lowell SW 25xNW 213, ptn Lots 52 and 53 West End 11d Assn. Abraham and Nellie Clemo to Chas J King, Inc.....Oct. 15, 1914
Oct. 24, 1914—MARKET NOS. 2377-2379 SE line 150-0 1/2 NE Castro 32-10 1/2 front by 99 on W and 122 on E to NW 17th; No. 2934 Jackson N line 110 E Baker 27-6x127-8 1/2. Jno S and Eleonora Howell to W E Greene.....Oct. 23, 1914
Oct. 24, 1914—W SEVENTEENTH Ave 175 S Anza 25x120. Wm P Oct. 26, 1914—W SIXTEENTH AVE 225 S Anza S 25xW 120. Alfred Johnson to whom it may concern.....Oct. 21, 1914
Oct. 26, 1914—LOT 4 BLK 30, Crocker Amazon Tract. John Knudsen to whom it may concern.....Oct. 24, 1914
Oct. 26, 1914—S PACIFIC 90 E Taylor 24x80. Maria G Romano to A Sciarroni and C Mancini.....Oct. 26, 1914
Oct. 26, 1914—SW COLE 52-7 SE fm S 17th SE 25-1xSW parallel with S 17th 100. William Johnson to W and C Fahlen.....Oct. 26, 1914
Oct. 26, 1914—S SUTTER 87-6 E Montgomery S 124-9 being pt of int with W line lot of land to be occupied by building th S 62-7 W 25 S 83-11 1/2 th along N Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to Otis Elevator Co.....Oct. 22, 1914
Oct. 26, 1914—E VALENCIA 142-8 N 22nd 34-4 (irregular) by 125 deep. Geo W E and Nicholas Schneider to A J Falvey.....Oct. 26, 1914
Oct. 26, 1914—SE CALIFORNIA & Leidsdorff E 107-6xS 137-6. The Insurance Exchange to W D Henderson.....Oct. 26, 1914
Oct. 26, 1914—W POWELL 91-3 N Post N 46-1xW 80. Joseph or J Sockolov to Central Iron Works.....Oct. 22, 1914
Oct. 26, 1914—S GREENWICH 192-6 E Fillmore E 27-6xS 120. Fortunato and Francisco Scatena to A De Benedetti and G Cuneo.....Oct. 26, 1914
Oct. 26, 1914—COMG. 34-22 W at a right angle from a point on W Pierce that is 94-71 dist N along W Pierce from point of intersection with N Chestnut N parallel with Pierce 104 W 165 S 104 E 165. Panama-Pacific International Exposition Co to Neil A McLean Co (Press Bldg.).....Oct. 22, 1914
Oct. 27, 1914—W VALENCIA 150 N 19th N 50xW 100. Mrs L W Moffatt to L A Secor.....Oct. 27, 1914
Oct. 27, 1914—N SUTTER 100 W Powell. M D Grosh, E G Lazeler and Louise M Sage to Wm Wade, Oct. 26, 1914; National MHI & Lumber Co.....Oct. 26, 1914
Oct. 27, 1914—LOT 3 BLK 2 Oscar Heyman & Bro. Sub West End Map No. 1, Bernal Rancho. Louis Johnson to whom it may concern.....Oct. 23, 1914
Oct. 27, 1914—N NORTH POINT 100 W Broderick N along a line par-

allel with W Broderick, 100 E parallel with N North Point 450 N parallel with Bevilacqua 500 W parallel with Hay 450 N parallel with Broderick, 500 N North Point 100 E Pierce, N parallel with Pierce, 100 E parallel with North Point, 150 S parallel with Steiner, 600 W parallel with Hay, 150 N parallel with Pierce 500. Panama-Pacific International Exposition Co to The Turner Co.....Oct. 22, 1914
Oct. 28, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 N E25 NW 43-6 SW 45 NW 91-6. Ira W Coburn, Inc to Joe Greenback & J A Orford.....Oct. 27, '14
Oct. 28, 1914—W GRANT AVE 112-6 S Chestnut 25x137-6. G Tomma and A Boschetti to V Filippis.....Oct. 4, '14
Oct. 28, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Chas Schlesinger to Scott Co, Oct. 23; Ira W Coburn.....Oct. 26, 1914
Oct. 28, 1914—COMG. AT A POINT that is 25 W at right angles from a point on W Laguna that is 87-38 distant measured N along W Laguna from the pt of street's intr with N Francisco W parallel with N Francisco 10 S 35-34 N and E 16-74 to a point 24-93 S from beg N 24-92 being in Panama-Pacific International Exposition Site. Mark M Leichter to Dunnivant-Houghton-Van Sant Corp.....Oct. 19, 1914
Oct. 29, 1914—NE FULTON AND Parker Ave E 300xN 275. The President and Board of Trustees of St. Ignatius College to Mangrum & Otter.....Oct. 24, 1914
Oct. 29, 1914—S PACIFIC AVE 22-6 E Walnut E 110xS 127-8 1/2. Katharine P Hooker to Petersen-James Co.....Oct. 20, 1914

LIENS FILED.

SAN FRANCISCO COUNTY.

Oct. 22, 1914—SE SIXTEENTH AVE and Lake — 37-6 E 100 N 37-6 W 100. C F Monti vs Auguste Ruether and O E Anderson.....\$17.75
Oct. 23, 1914—S ALVARADO 104 W Castro W 25xS 114. The Greater City Lumber Co vs Chas H and Nellie Mullen.....\$1301.90
Oct. 23, 1914—N TWENTY-SECOND 101-9 W Church W 25xN114. Jas E Lennon Lime & Cement Co vs Prentice M Shoot and M M Shoaf.....\$24.40
Oct. 26, 1914—SE HOFFMAN AVE & 23rd S 26-6x E 90. J H Kruse vs Fritz and Katharina Wendt.....\$407.54
Oct. 27, 1914—SE GREENWICH & Baker S 24x E 94. E B Johnson vs Margaret A Coleman fmy Shields.....\$170
Oct. 27, 1914—LOT 23 BLK "D" Mission Terrace Land Co. A L Stockton Co vs Martha Brown, Cornelius T Regan, Raymond T Regan, Josephine M Regan and George E Regan.....\$414.85
Oct. 28, 1914—NW MISSION 56-9 SW Geneva Ave SW 25-93 NW 19 SW 40-6x NW 50-05 NE 25 SE 93-04. George Iyan vs Mary Luttringer and Jno Cerdas.....\$117

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Edward R. Bacon is positively not connected with any other firm.

SCHRADER

INC. IRON WORKS

Structural Steel Contractors

Works at
HARRISON ST.,
bet. 8th & 9th
San Francisco

Telephone Market 337

Oct. 29, 1914—NE THIRD & VERONA
Place NE 141-S SE 70 SW 2-S SE
15 SW 139 NW to beg. J R Hale
vs W P McPaul & Milton S Tisner

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Oakland, Cal. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Hugh O'Kane. The building will be erected at the corner of College avenue and Taft street, and has been designed for two stores on the first floor. Upper floor will contain five apartments of one and two rooms. There will be private baths and wall beds. Pine and redwood will be used for interior finish. Patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, W. H. Schroeder. The dwelling will be erect-

ed in the Claremont Tract, and has been designed for a ten or twelve room house with several baths and sleeping porches. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood and hardwood. White enamel will be used in the bed rooms. There will be furnace heat, open fire places and a hot water system. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. Exterior of the house and garage will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owners, Fred Bros., 325 14th street, Oakland. The dwelling will be erected on Arimo west of Walla-vista avenue, and has been designed for a seven-room house with baths and sleeping porch. Interior will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath

rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Clinton Day, Nevada Bank Bldg., S. F. Owner, Mrs. T. L. Barker. The dwelling has been designed for a ten-room house, and will be erected in Piedmont. There will be several bath rooms and sleeping porch. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures will be called for shortly.

PAINTING PLASTER—Cost not stated. Alameda, Alameda Co., Cal. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete for painting plastering in the new Post Office building now under construction in Alameda. Bids will be opened on November 30th. Complete information relative to this work can be secured from either the Supervising Architect at Washington, D. C., or the custodian of the site at Alameda. An official proposal appears in another column of this issue.

STORES AND LOFTS ALTERATION—2 story, brick, \$3,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. A brick and steel loft building situated on Washington street will undergo extensive alterations. The work will include new interior finish, hardwood fixture work, electric work, plumbing, plastering, painting and patent store fronts. Marble and tile will also be used. Plans are now being prepared.

RESIDENCES—2, 2 story and base, frame, \$1,000 each. Berkeley, Alameda Co., Cal. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, M. Lecamm. These two houses will contain six and seven rooms with bath and sleeping porches. Interiors will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2, 1 story and base, frame, \$2,000. San Leandro, Alameda Co., Cal. Architects, Elite Planners, 1841 5th avenue, Oakland. Owner, Judge Toffelmier. Each house will contain four rooms and bath. Pine and redwood interior finish will be used. There will be open fire places and tile or brick mantels. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amount
2602	Higgins	Higgins	1800
2603	McEldowney	Banning	400
2604	Banning	Stewart	100
2605	Pirang	Pirang	2500
2606	Martin	Martin	4500
2609	Freeling	Rogers	6000
2616	Hooker	Kulchar	9000
2619	Timm	Timmer	500
2620	Mohrdeck	Owner	2030
2621	Elles	Swalley	450
2622	Same	Same	100
2623	Bancroft	Tupper	1500
2624	Caspersen	Lauridsen	400
2626	Anderson	Kaler	2700
2627	Getgens	Bohrer	1000
2628	Hansen	Bohrer	3500
2629	White	Thornalley	1550
2630	Potter	Potter	1000
2631	Petersen	Lorensen	1137
2632	Dovio	Frontwa	400
2633	Bassett	Bassett	500
2634	St. Joseph's	Bold	500
2635	Benner	Harris	500
2636	Tait	Wolfe	400
2644	Fedd	Fedd	5000
2647	Button	Button	2500

DWELLING
(2602) S FORTY-SECOND 35 E Lusk.
Oakland. One-story 5-room dwlg.
Owner.....E. L. Higgins, 5250 Miles
Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

GARAGE
(2603) NW NAPA AND BELGRAVE,
Oakland. Garage.
Owner.....Frank E. McEldowney.
Architect...None.
Contractor...Banning & Stewart, 5215
Broadway, Oakland.
COST, \$400

GARAGE
(2604) W BELGRAVE 118 N Napa,
Oakland. Garage.
Owner.....Banning & Stewart, 5215
Broadway, Oakland.
Architect...None.
Day's work. COST, \$100

DWELLING
(2605) E BRYANT 250 N College Ave.,
Oakland. One-story 5-room dwlg.
Owner.....H. C. Pirang, 5359 Shafter
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2606) N McADAM 300 E Hayes, Oak-
land. Two-story 8-room dwelling.
Owner.....L. Martin, 1050 Keith Ave.,
Berkeley.
Architect...None.
Contractor...C. A. Martin, 1050 Keith
Ave., Berkeley.
COST, \$4500

APARTMENTS
(2609) E DIAMOND AVE 285 N 41st,
Oakland. Two-story 16-room apart-
ments.
Owner.....Mrs. Amy F. Freeling, 5426
Boyd Ave., Oakland.
Architect...None.
Contractor...Chas. Rogers, 1739 Blake,
Oakland.
COST, \$6000

REPAIRS
(2616) NO. 427 TWELFTH, Oakland.
Fire repairs.
Owner.....Hook Realty Co., Premises
Architect...None.
Contractor...S. Kulchar & Co., 518 4th,
Oakland.
COST, \$3000

DWELLING
(2619) E BROWN AVE 156 N Hopkins,
Oakland. One-story 4-room dwlg.
Owner.....Carl H. Timm, 4305 E-12th
Oakland.
Architect...None.
Day's work. COST, \$500

REPAIRS
(2620) NOS. 684-686 ALGAIL, Oakland
Fire repairs to two-story flats.
Owner.....Peter Mohrdeck, 1912 10th
Ave., Oakland.
Architect...None.
Day's work. COST, \$2030

GARAGE
(2621) NO. 701 WALKER AVE., Oak-
land. Garage.
Owner.....S. E. Ellis, Premises.
Architect...None.
Contractor...H. M. Swalley, Premises.
COST, \$450

GARAGES
(2622) NOS. 741, 745, 747, 749 WALKER
Ave., Oakland. Four garages.
Owner.....H. M. Swalley, 710 Walker
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

DWELLING
(2623) S FIFTY-FIRST 54 E West,
Oakland. One-story 3-room dwelling
Owner.....C. E. Bancroft, 2222 Pied-
mont Ave., Berkeley.
Architect...None.
Contractor...Thad Tupper, 2310 Ras-
sell, Berkeley.
COST, \$1500

DWELLING
(2624) N LINCOLN 725 W Summit,
Oakland. One-story 3-room dwlg.
Owner.....Miss A. M. Caspersen, 451
Lee, Oakland.
Architect...None.
Contractor...P. Lauridsen, 451 Lee, Okd
COST, \$400

FLATS
(2625) W NINETY-EIGHTH AVE 300
S "A," Oakland. One-story 8-room
flats.
Owner.....Paul Anderson, 1219 98th
Ave., Oakland.
Architect...None.
Contractor...M. C. Kaler, 1124 98th
Ave., Oakland.
COST, \$2700

BRICK GARAGE
(2627) NO. 3963 PIEDMONT AVE.,
Oakland. Addition to brick garage.
Owner.....F. W. and G. H. Getgens,
Premises.
Architect...J. Henry Bohrer, Delger
Bldg., Oakland.
Contractor...Bohrer & Legault, Delger
Bldg., Oakland.
COST, \$1000

ADDITION AND ALTERATIONS
(2628) NO. 3521 GROVE, Oakland.
Addition and alteration to two-story
8-room frame dwelling; alter to
flats.
Owner.....P. H. Hansen, Premises.
Architect...J. Henry Bohrer, Delger
Bldg., Oakland.
Contractor...Bohrer & Legault, Delger
Bldg., Oakland.
COST, \$3800

REPAIRS
(2629) NO. 3767 E-FOURTEENTH,
Oakland. Fire repairs.

Owner.....Mr. and Mrs. White, Prem.
Architect...None.
Contractor...W. G. Thornalley, 3027 E-
16th, Oakland.
COST, \$1550

DWELLING
(2630) N HARBOR VIEW AVE 1600
W Redwood Road, Oakland. One-
story 1-room dwelling.
Owner.....Mrs. J. B. Potter, 3728
Harbor View Ave., Okd.
Architect...None.
Contractor...J. B. Potter, 3728 Harbor
View Ave., Oakland.
COST, \$1000

DWELLING
(2631) S "C" 100 from 98th Ave., Oak-
land. One-story 5-room dwlg.
Owner.....Anne M. Petersen, Hay-
ward.
Architect...None.
Contractor...Joe Lorensen, Hayward.
COST, \$1137

ADDITION
(2632) NO. 1626 FORTY-FIRST AVE.,
Oakland. Addition.
Owner.....E. H. Dovio, Premises.
Architect...None.
Contractor...F. F. Frontwa, 4016 E-
16th, Oakland.
COST, \$400

DWELLING
(2633) S TWENTY-SIXTH 300 W
Grove, Oakland. One-story 2-room
dwelling.
Owner.....W. D. Bassett, 208 Mather,
Oakland.
Architect...None.
Day's work. COST, \$500

ALTERATIONS
(2634) NO. 1525 THIRTY-FOURTH
Ave., Oakland. Alterations.
Owner.....St. Joseph's Sodality, Prem
Architect...None.
Contractor...Bold & Son, 1931 Minn-
esota Ave., Oakland.
COST, \$500

ADDITION
(2635) NO. 370 THIRTY-FOURTH,
Oakland. Addition.
Owner.....H. Benner, Premises.
Architect...None.
Contractor...D. F. Harris, 1303 Carri-
son, Berkeley.
COST, \$500

DWELLING
(2636) S LYON AVE 730 W High,
Oakland. One-story 3-room dwlg.
Owner.....W. C. Tait, 2701 High, Okd
Architect...None.
Contractor...Bart Wolfe, 3016 Minna
Ave., Oakland.
COST, \$400

DWELLING
(2644) E ARIMO 300 W Walla Vista,
Oakland. Two-story 7-room dwlg.
Owner.....Fedd Bros., 528 25th, Okd.
Architect...None.
Day's work. COST, \$3000

DWELLING
(2647) E HILLEGASS AVE 85 N 62nd,
Oakland. One-story 5-room dwlg.
Owner.....L. W. Button, 347 62nd, Okd.
Architect...None.
Day's work. COST, \$2500

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Am't.
2607	Underhill	Junk	3087
2608	Cole	Ernsberger	550
2610	Kelby	Scannon	3000
2611	Martinez	Fleischer	6500
2612	Ger Old Home	Trost	\$8148
2613	Same	Halston	
2614	Madison	Texdahl	1672
2615	Nickerson	McKibben	1020
2617	Jepson	Jepson	1800
2618	United Bldrs	Lawton	1200
2625	Babcock	Lawton	7520
2641	O'Brien	Jarvis	1000
2642	Wolbold	Kollmer	400
2643	Chase	Chase	4156
2645	Pope	Junk	
2646	Little	Lewis	3236

DWELLING

(2607) LOTS 1 AND 2 Map Amended Map Hopkins Terrace Map No. 4, Berkeley. All work for two-story 5-room dwelling.

Owner.....Mary F. Underhill.
Architect.....None.
Contractor..Junk-Riddell Investment Co., 2247 Telegraph Ave., Berkeley.

Filed Oct. 26, '14. Dated Oct. 15, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3087

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ADDITION

(2608) E ETON COURT 120 E Claremont, Berkeley. Addition.
Owner.....N. P. Cole, 3006 Claremont Ave., Berkeley.

Architect.....None.
Contractor..Ernsberger & Dildine, 6245 College Ave., Oakland.
COST, \$550

DWELLING

(2610) W SPRUCE 200 N Virginia, Berkeley. Two-story 8-room dwelling.
Owner.....Mrs. Margaret Kelby, Bkly
Architect.....None.
Contractor..C. F. Scannon, 1816 Addison, Berkeley.

COST, \$3000

DWELLING AND FLATS

(2611) W COLLEGE AVE 150 S Stuart Berkeley. Two-story 16-room dwelling and flats.

Owner.....Mrs. Fannie E. Martinez, 1830 Hearst Ave., Berkeley.
Architect...A. Peterson, 458 Guerrero, San Francisco.
Contractor..Chas. M. Fleischer, 2032 Bancroft Way, Berkeley.

COST, \$6500

DORMITORY BUILDING

(2612) NO. 1720 HOPKINS ST., being Lots 6 and 7 Cameron Tract bounded on N by Cameron, E and S by Hopkins, W by lands of Chas. E. Lloyd, Oakland. All work except steel for group steel, concrete, brick and frame structures, including three-story Class "A" dormitory building.

Owner.....German Old Peoples Home of San Francisco, 1886 Mission, San Francisco.
Architect...Oscar Haupt, Phelan Bldg., San Francisco.
Contractor..Robert Trost, 26th and Howard, San Francisco.

Filed Oct. 27, '14. Dated Oct. 23, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$48,148

Bond, \$21,100. Surety, Pacific Coast Casualty Co. Limit, 150 days. Forfeit, none. Plans and specifications filed.

(2613) STRUCTURAL STEEL AND iron work on above.

Contractor..Ralston Iron Works, Inc., 20th and Indiana, S. F.

Filed Oct. 27, '14. Dated Oct. 23, '14.
Semi-monthly payments of.... 75%
Usual 35 days..... 25%
TOTAL COST, \$55,90 per ton
Bond, \$5000. Surety, Fidelity & Deposit Co. Limit, 85 days. Forfeit, none. Plans and specifications filed.

DWELLING

(2614) PTN BLK "D" Map Smith's Sbdvn part Mathews Tract, Berkeley.

All work for one-story 5-room dwlg.
Owner.....Mrs. Reta M. Madison, S. F.
Architect.....None.
Contractor..C. Texdahl, 3035 Harper, Berkeley.

Filed Oct. 27, '14. Dated Oct. 26, '14.
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days..... ¼

TOTAL COST, \$1672

Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(2615) LOT 1 BLK 18 Map Claremont Park, Berkeley. Garden walks, walls brick work, etc., for two-story and basement frame dwelling.

Owner.....E. A. Nickerson, 2908 Pine Ave., Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor..McKibben & Taylor, 2125 Shattuck Ave., Berkeley.

Filed Oct. 27, '14. Dated Sept. 26, '14.
Completed\$750
Usual 35 days..... 270
TOTAL COST, \$1020

Bond, none. Limit, as rapidly as possible. Forfeit, none. Plans and specifications filed.

DWELLING

(2617) N FRANCISCO 240 E McGee, Berkeley. One-story 5-room dwlg.
Owner.....Frank Jepson, 1832 Delaware, Berkeley.

Architect.....None.
Day's work.....

COST, \$1800

DWELLING

(2618) E BAKER 240 S Prince, Berkeley. One-story 4-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.

Architect.....None.
Day's work.....

COST, \$1200

DWELLING AND GARAGE

(2625) LOT 1 Map Simmons Property, Berkeley. All work for two-story and basement frame dwelling and one-story garage.

Owner.....A. H. Babcock, 146 Lake, Oakland.
Architect...Harris Allen, Central Bank Bldg., Oakland.

Contractor..Lawton & Vezey, Bkly.
Filed Oct. 28, '14. Dated Oct. 28, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$7520

Bond, \$3800. Sureties, R. H. Van Sant Jr. and Shirley Houghton. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2641) SE TELEGRAPH & DURANT Aves., Berkeley. Alterations.

Owner.....P. E. O'Brien, 2740 Telegraph Ave., Berkeley.

Architect.....None.
Contractor..Jarvis Hardware Co., 2544 Etna, Berkeley.

COST, \$1000

GARAGE

(2642) NE PARKSIDE DRIVE AND Noyales, Berkeley. Garage.

Owner.....C. W. Wolbold, San Leandro.

Architect.....None.
Contractor..Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$400

ALTERATIONS

(2643) S ADDISON 222 W Shattuck Ave., Berkeley. Alterations

Owner.....T. D. Chase Real Estate & Lumber Co., 2109 Shattuck Ave., Berkeley.

Architect.....None.
Day's work.....

COST, \$500

FRAME DWELLING

(2645) W LA LOMA AVE 5 S Lot 9 Map La Loma Park SW 84.65 SE 50.02 NE 84.36 N 50, Berkeley. All work for two-story and six-room frame dwelling.

Owner.....Arthur U. Pope, 2708 Virginia, Berkeley.

Architect.....None.
Contractor..Junk-Riddell Investment Co., 2247 Telegraph Ave., Berkeley.

Filed Oct. 30, '14. Dated Oct. 27, '14.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$4156

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(2646) W SHATTUCK AVE 50 N Marin Ave being Lot 14 Blk 4 Map Berkeley Heights (See Note), Berkeley. All work for two-story frame dwelling.

Owner.....Miss M. Little, Berkeley.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor..L. S. Lewis, 2421 Woolsey, Berkeley.

Filed Oct. 30, '14. Dated Oct. 26, '14.
Frame up and roof boarded..... ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$3235

Bond, \$1617. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

NOTE—This contract has been refiled to correct location.

Alameda.

2637	Martin	Martin	400
2638	Enea	Enea	650
2639	Echen	Strang	2000
2640	Noble	Noble	1800

ALTERATIONS

(2637) NO. 2116 ENCINAL AVE., Alameda. Alterations.

Owner.....J. A. Martin, 4131 Lusk, Oakland.

Architect.....None.
Day's work.....

COST, \$400

ALTERATIONS

(2638) NO. 611 TAYLOR AVE., Alameda. Alterations.

owner... A. A. Enea, 641 Central Ave., Alameda.
 architect... None.
 day's work. COST, \$650

DWELLING
 6399 NO. 1316 BURBANK, Alameda.
 One and one-half-story 5-room dwlg
 owner... S. L. Eschen, 1303 Caroline Alameda.
 architect... None.
 contractor... F. N. Strang, 800 Central Ave., Alameda.
 COST, \$2000

DWELLING
 6400 NO. 2509 WEBB AVE., Alameda.
 One-story 5-room dwelling.
 owner... G. H. Noble, 2220 Central Ave., Alameda.
 architect... None.
 day's work. COST, \$1800

COMPLETION NOTICES.

ALAMEDA COUNTY

ct. 15, 1914—LOT 28 Map Reshdv'n ptn Blk "V" Vernon Park, Oakland Tp. P A Graham to Cederberg and Anderson.....Oct. 3, 1914
 ct. 15, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to Peter N Schmidt.....Oct. 13, 1914
 ct. 15, 1914—PTN LOT "A" Map Lot 8, University Terrace, Bkly. Raymond C Brooks to W S Montgomery.....Oct. 10, 1914
 ct. 16, 1914—S E-THIRTY-FIRST 125 E Stuart Ave 50x200, Oakland. Henry Werth to whom it may concern.....Completed
 ct. 16, 1914—LOT 7 Map Ptn Highland Park, Oakland. Eugene A Schmidt to whom it may concern.....Oct. 15, 1914
 ct. 16, 1914—NW THIRTY-EIGHTH and Webster, Okd. Henry Mason to A F Waid.....Oct. 14, 1914
 ct. 16, 1914—N FORTY-FIFTH 890 E Grove 50x100, Okd. M E Roberts to M Allen.....Oct. 16, 1914
 ct. 17, 1914—LOT 7 BLK 5 Claremont Park, Bkly. Annie H Lewis to F E Allen.....Oct. 16, 1914
 ct. 17, 1914—SE PARK AVE 659-10 1/2 SW Central Ave SE 150-5 1/2 SW 4-4 to pt beg; NW 129-3 N along curve 60 SW line Park Ave NE 29-1 1/2 SE 150-4 1/2 SW 37-6, Ala. J E Van Horn to Fletler & Winlund.....Sept. 24, 1914
 ct. 17, 1914—SE PARK AVE 559-9 SW Central Ave SE 193-10 1/2 SW 37-6 NW to pt on SE to pt beg, Ala. J E Van Horn to Fletler & Winlund.....Sept. 24, 1914
 ct. 17, 1914—NE PARK & ENCINAL Aves 37 1/2 x 135, Ala. J E Van Horn to Fletler & Winlund.....Sept. 24, 1914
 ct. 19, 1914—FIFTIETH AVE NO. 1256, being Lot 49 Blk "A" Linda Park Tract, Okd. Lillian B Jackson to J O Hunter.....Oct. 10, 1914
 ct. 19, 1914—LOT 40 Ardley Heights Okd. Benjamin Hall to Patrick Nelson Bldg Co.....Oct. 8, 1914
 ct. 19, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to Elec. Constr Co, Oct. 14, 1914;
 L J Neal.....Oct. 17, 1914
 ct. 19, 1914—BRUSH NO. 1517, Okd Charles J Astrue to B A Trobeck (B A Trobeck Co).....Oct. 17, 1914

Oct. 20, 1914—N CAYOUR 30 E Shafter Ave, Okd. G B Leonardini to C O Bradhoff.....Oct. 16, 1914
 Oct. 21, 1914—SW TWENTY-SECOND and Grove 83.13x129.38, Okd. S F Oakland Terminal Railways to Wm J Baccus and F T Kennedy.....Oct. 21, 1914
 Oct. 22, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to C R Watts.....Oct. 20, 1914
 Oct. 23, 1914—LOT 11 Map E B and A L Stone Co's Lots Elmhurst, Okd. John and Theodore Brakounatsos to E L Williams.....Oct. 21, 1914
 Oct. 23, 1914—LOT 46, Fourth Ave Court, Okd. Mrs R S McCarty to E W Woodard.....Oct. 23, 1914
 Oct. 26, 1914—BERKELEY WAY NO. 2139, Bkly. Josephine Ehret by James W Plachek to C H Warren.....Oct. 19, 1914
 Oct. 26, 1914—N APGAR 103 E West E 35xN 125, Okd. Mercedes and Gertrude Oramas to Oakland Bldg & Investment Co.....Oct. 24, 1914
 Oct. 28, 1914—LOT 40x72 on E San Pablo Ave bet. 43rd and 45th Sts. Emeryville. Adolph Kuhn to C E Wheeland.....Oct. 26, 1914
 Oct. 28, 1914—LOT 11 Map Dimond Vista, Okd. Grace C Woodburn to whom it may concern.....Oct. 25, 1914
 Oct. 28, 1914—N 20 LOT 7 and S 20 Lot 6 Blk 1 Graves & Taylor Tct, Bkly. Frank S and Dora A Clark to Patrick-Nelson Bldg Co.....Oct. 23, 1914
 Oct. 28, 1914—NE BELLVUE AVE 292.25 NW Van Buren Ave NW 100xNE 125, Okd. Margaret C Dunn and Mary T Dunn to Schnebly, Hostrawser & Pedgrift.....Oct. 28, 1914
 Oct. 29, 1914—E WEBSTER 97.10 S 48th S 35x E 100, Okd. A B Reinertsen to whom it may concern.....Oct. 29, 1914
 Oct. 29, 1914—NW PINE & SEVENTH Okd. G B Levaggi to J H Bruecker.....Oct. 26, 1914
 Oct. 29, 1914—LOT 21 BLK "H" Northrae Terrace, Bkly. Winfield S Morrison to H Goranson.....Oct. 29, 1914

LIENS FILED.

ALAMEDA COUNTY.

Oct. 14, 1914—NE SIXTH AND SE West NE 100xSE 75, Okd. Yager Sheet Metal & Plumbing Co vs F Depavo, Luigi Giachino and R E Moore.....\$244.20
 Oct. 14, 1914—LOT 39 Map Piedmont Manor, being SE Manor Drive and Holly Place, Piedmont. Spott Bros, \$144.05; E L Thompson, \$52; J F Ellis (National Roofing Co), \$22.50; John A Kellie, \$28; Hogan Lumber Co, \$37.50 vs Eva and A C Davis and James Rountree.....
 Oct. 15, 1914—LOT 39 Map Piedmont Manor, Piedmont. Pacific Fuel & Bldg Material Co, \$27.15; E Lightfoot, \$23.57; Pacific Mfg Co, \$351.44; Standard Fence Co, \$32 vs A C Davis and James Rountree.....
 Oct. 15, 1914—NE SIXTH AND WEST E 75xN 100, Okd. Pacific Fuel & Bldg Material Co vs F Depavo, L Giachino and Roy E Moore.....\$732.25
 Oct. 17, 1914—S FORTY-NINTH 653 M Broadway W 33 S 190 E 33 N 184, Okd. Pacific Mfg Co vs A E Wigmore and John Weitzel.....\$165.50

Oct. 17, 1914—S. WEST A D K. Sixth NE 100xSE 75, Okd. Melrose Lumber & Supply Co vs F Depavo, Luigi Giachino and R E Moore.....\$206.24
 Oct. 8, 1914—SE 1/2 LOT 30 BLK 16 Map Boulevard Park, Okd. E L Blackman Co vs Ada F Simpson and O M Bullock.....\$31.50
 Oct. 22, 1914—PTN LOT 13 Map Rose-lawn Park, being N Shafter 470 E College Ave, Okd. Pacific Fuel & Bldg Material Co vs Hattie E Walsh and John Mowat.....\$44.45
 Oct. 22, 1914—REAR 512 THIRTY-first, being N Pin Lot 10 Blk 2036 Map Rowland Tract, Okd. Pacific Fuel & Bldg Material Co vs Dora Bistorious, Ada Bistorious, Albert Bistorious, John R Faulkes and Alfred Cords.....\$24.20
 Oct. 23, 1914—LOT 38 Map Piedmont Manor, Piedmont. Union Floor Co vs Walter H Creighton and Geo A Possey.....\$109
 Oct. 23, 1914—ROSE NOS. 1208-10-14 being Lots 1, 2, 3 and 4 Blk "D" Regents Park Map No. 3, Bkly. Anton Brunner vs Conservative Bldg & Invest Co.....\$325
 Oct. 23, 1914—SE WEST AND NE Sixth NE 100xSE 75, Okd. Union Floor Co vs Iloy E Moore, F C Pavio, Luigi Giachino and F C Eisen.....\$157.33
 Oct. 23, 1914—SW SAN LEANDRO Road 107.8 SE 9th Ave SE 25xSW 100, Okd. King Elec Co vs John Brakounatsos.....\$180
 Oct. 24, 1914—N SHAFER AVE 470 E College Ave E 35xN 150, Okd. J V Concoy vs Hattie E Walsh and J Mowat.....\$110
 Oct. 26, 1914—LOT "V" Map Eucalyptus Hill, Claremont, Okd. John P Maxwell vs Torrence S Peterson, W E Dodge and 1st Trust Bank of Emeryville.....\$78.81
 Oct. 26, 1914—W TELEGRAPH AVE 250 S 16th S 75 W 82.27 N to point distant 100 W pt beg E 100, Okd. Burnham Standeford Co vs Geo C Pardee and A Thomson.....\$362.15
 Oct. 26, 1914—SE LAWTON AND College Aves NE 60 SE 106 SW 102 N to pt beg, Okd. N O Nelson Mfg Co vs S Koerber Co and C E Graven.....\$202.55
 Oct. 27, 1914—NE SIXTH AND WEST E 75xN 100, Okd. F C Vleiraf, \$52; J D Green, \$125 vs F Detava, L Giachino and R E Moore.....
 Oct. 29, 1914—SE FORTY-SECOND Ave and SW E-12th SE 44.58 SW 120.75 N W44.68 NE 120.75, Okd. E L Blackman Co vs R E Reeves.....\$160.35

SAN JOSE AND THE SANTA CLARA VALLEY

Contracts Awarded.

RESIDENCE—1 1/2 story and base, frame, \$8,000. Burlingame, San Mateo Co., Cal. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner, Carl Schilling. Contractors, Van Sant-Houghton Co., 503 Market street, S. F. Contract price not stated.

RESIDENCES—2, 1 story and base, frame, \$6,000. San Mateo, San Mateo Co., Cal. Architect, Ernest Norberg, Bank Bldg., Burlingame. Owner, J. D. Culbert. Contractor, A. Cook, San Mateo. Contract price, \$6,000.

BUILDING CONTRACTS.**SANTA CLARA COUNTY.****HOUSE**

W SIXTEENTH ST. near William, San Jose, Seven-room house.
 Owner.....J. H. Kairtland, 340 S-9th St., San Jose.
 Architect...Chas. McKenzie, San Jose Bank Bldg., San Jose.
 Contractor...J. B. Lamb, 640 S-11th St., San Jose.

COST, \$2850

ALTERATIONS

NO. 189 S-FIRST ST., San Jose. Alterations.
 Owner.....Davison & Anseley.
 Architect...None.
 Day's work.

COST, \$400

COTTAGE

NE FORTYFIFTH & WASHINGTON, San Jose. Five-room cottage.
 Owner.....W. E. Woodhams, Ryland Bldg., San Jose.
 Architect...None.
 Contractor...C. W. Wright.

COST, \$1900

ADDITION

FOURTEENTH, bet. Washington and Empire, San Jose. Four-rooms and sleeping porch.
 Owner.....W. E. Woodhams, Ryland Bldg., San Jose.
 Architect...None.
 Contractor...W. C. Wright.

COST, \$1800

ALTERATIONS

NO. 610 S-SECOND ST., San Jose. Alterations and repairs.
 Owner.....Julia J. Morrison, S. F. Architect...None.
 Contractor...A. N. S. Mills, 534 Forest Ave., Palo Alto.

COST, \$1000

DWELLING

NAGLEE AND SAN SALVADOR STS., San Jose. Three-room dwelling.
 Owner.....Sam Divito, 512 San Salvador, San Jose.
 Architect...None.
 Day's work.

COST, \$400

BUILDING CONTRACTS**SAN MATEO COUNTY.****SCHOOL**

HOWARD AVE., bet. Anita and Arundel Roads, San Mateo. Labor, material and mechanical workmanship required for furnishing and installing heating and ventilating system for two-story and basement frame and plaster school.
 Owner.....Burlingame Grammar School, Burlingame, Cal.
 Architect...Thos. Edwards and Ernest L. Norberg, Bank Bldg., Burlingame, Cal.
 Contractor...The Pacific Blower & Heater Co., 3261 17th, S. F.
 Filed Oct. 27, '14. Dated Oct. 20, '14.
 Fully completed & accepted. \$2238.75
 Usual 35 days..... 746.25

TOTAL COST, \$2985.00

Bond, \$1495. Surety, Pacific Coast Casualty Co. Limit, Jan. 15, 1915. Forfeit, 32. Plans and specifications filed.

RESIDENCE

LOT 6 BLK 4, Burlingame Hills. All

work for one-story frame residence. for Carl Schilling.

Owner.....Angel M. Easton, Burlingame, Cal.
 Architect...Harris Allen, 2514 Hille-gass, Oakland.
 Contractor...Van Sant-Houghton Co., 503 Market, San Francisco
 Filed Oct. 27, '14. Dated Oct. 13, '14.
 Framed, walls & roof sheathed. \$1130
 Exterior finished, etc..... 1350
 Completed and accepted..... 1350
 3d days after..... 1350

TOTAL COST, \$5180

Bond, \$2700. Surety, New England Casualty Co. Limit, 80 days from commencement of work. Forfeit, \$5. Plans and specifications filed.

FRAME DWELLING

LOT 11 BLK 35 Map Easton Addition to Burlingame No. 2. Excavation, concrete work, brick, carpenter, lumber, labor, hardwood floors, glass and rough hardware, mill work, tiling, stairs, tin and galvanized iron work, etc., for one and one-half-story frame dwelling.

Owner.....Mrs. Mary Ward.
 Architect...Frank W. Dakin.
 Contractor...W. R. Thompson and H. E. Doyal.

Filed Oct. 26, '14. Dated Oct. 6, '14.
 Roof rafters on.....\$641.25
 2nd coat plaster on..... 641.25
 Completed and accepted..... 641.25
 Usual 35 days..... 641.25

TOTAL COST, \$2565.00

Bond, \$1255. Surety, Pacific Coast Casualty Co. Limit, 65 days. Forfeit, none. Plans and specifications filed.

RELEASE OF LIENS.**SAN MATEO COUNTY.**

RECORDED AMOUNT
 Oct. 22, 1914—LOT 40 BLK 2, School House Extension Ass'n, Colma. Jas H Daly, \$185.06; Lacey Bros. (Edward Lacey), \$92.50; C Carnevali Marble & Mosaic Co, Inc, \$70; Bass Hueter Paint Co, Assignee, \$205.06; A L Stockton Lumber Co, \$735.55 to Patrick and Mrs P Doyle and Chesney Bros
 Oct. 22, 1914—SCHOOL ST. & BUENO Ave., Colma. McKee Bros to Chesney Bros and Patrick and Mrs P Doyle\$75

COMPLETION NOTICES.**SAN MATEO COUNTY.**

RECORDED ACCEPTED
 Oct. 26, 1914—LOTS 48, 49, 50, 51 Sbdvn of Laurel Creek Farm, Jas Mulryan to D W Ross...Oct. 13, 1914
 Oct. 22, 1914—LOTS 1 AND 2 BLK 1, L Robinson's Sbdvn of Redwood City. L A Heiner to whom it may concern.....Oct. 17, 1914
 Oct. 22, 1914—LOT 4 BLK "N" Sbdvn No. 3 of Howard Park, San Mateo Edward C Beals to N B Eaton.....
Oct. 17, 1914

RELEASE OF LIENS.**MARIN COUNTY.**

RECORDED AMOUNT
 Oct. 22, 1914—LOT 42 Fern Hill Tract, San Anselmo, J Carroll, \$36.50; J T Neal, \$87; William C Vahey, \$121.85 C Weber, \$120 to Harry S and Edna Lowell Scott
Oct. 17, 1914

ASSIGNMENT OF LIENS.**SAN MATEO COUNTY.**

RECORDED AMOUNT
 Oct. 22, 1914—LOT 40 BLK 2, School House Extension Ass'n, Colma. T W McCartney to Bass-Hueter Paint Co\$205

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

CEMENT, ETC.—Mare Island, Cal. Purchasing Office, Commandant at Mare Island Navy Yard, Owners, United States Government. Among other supplies for the navy, bids for which will be opened on November 17th at the Mare Island Navy Yard, are mentioned Portland cement, piles, line poles, copper cable, sheet copper and rod bronze.

HOSPITAL WARD PAVILIONS—5, frame. Cost not stated, Mare Island, Cal. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Nine sets of figures were opened by the Bureau of Yards and Docks for constructing five frame hospital pavilions at the Mare Island Navy Yards, Cal. With-

out considering the five alternate propositions which were asked for, the bid of Gutleben Bros. of San Francisco was the lowest figure submitted at \$23,300. H. C. Warwick is second low at \$23,405. Until complete figures, including the alternates, are received it is impossible to determine the low bidder. A complete list of these figures will be found under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

Close Bidding On Ward Pavilions.

Gutleben Bros. and Harry C. Warwick Within one Hundred Dollars. Alternates to be Considered.

(By Special Wire.)

WASHINGTON, D. C., October 31st, 1914.—Nine sets of figures were opened by the Bureau of Yards and Docks for constructing five frame hospital pavilions at the Mare Island Navy Yards, California. Without considering the five alternate propositions which were asked for the bid of Gutleben Bros., of San Francisco, was the lowest at \$23,300. H. C. Warwick is second low at \$23,405. Until complete figures, including the alternates are received, it is impossible to determine the low bidder. Following is a list of the bids as submitted on the entire proposition:

Hospital Pavilions, Mare Island.

R. S. K. MacMillan.....\$24,615
 Gutleben Bros. 23,300
 Hansbrough-Johnston Co. 28,253
 Thompson & Walker..... 24,594
 W. N. Concannon Co..... 25,619
 Alternate 26,240
 Burnham Plumbing Co..... 25,797
 Harry C. Warwick..... 23,405
 L. N. Bruce..... 25,495
 McSheehy Bros. 25,232

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

COALINGA TO MARTINEZ, lining, coating, enamel coating, ering and correct placing in ditch pipe for company's main oil line, filling, backfilling, crowning of ditch, and extra work required company or engineer. First class every particular for pipe line. r.....Valley Pipe Line Co. tect...None.

actor...Hill, Huber & Co., S. F. Oct. 24, '14. Dated Oct. 21, '14. 1st of each month..... 75% al 35 days..... 25% TOTAL COST, \$— \$50,000. Surety, J. E. Roloud. Forfeit, none. Plans and specifications filed.

ICIAL GRANITE BLOCK WORK RAILROAD AVE AND THIRD ST., sburg. Walls facing Railroad s and Third street of artificial nite blocks; walls facing W and n cement blocks; iron rods, ddings or cornice of artificial nite blocks for same for artificial nite block work.

r.....Pasquale Scatta. tect...None. actor...Lorenzo Guercia and Carlo Chiappa.

Oct. 22, '14. Dated July 6, '14. erial on grounds and work un\$400 lls reach a height of 5 feet around 400 mpletion of contract..... 400 al 35 days..... 400 TOTAL COST, \$1600. \$800. Sureties, S. and V. A. ra. Limit, 60 working days. For- none. Plans and specifications

LIENS FILED.

MARIN COUNTY.

ORDED AMOUNT 29, 1914—CORINTHIAN ISLAND, vedere, Greater City Lumber vs Joseph Gleissner, Jennie issner and F M Herrington.\$457.50

COMPLETION NOTICES.

MARIN COUNTY.

ORDED ACCEPTED 30, 1914—LOT 7 Map Mound Tet, n Rafael. Roy H Button to om it may concern...Oct. 30, 1914

SNO, MODESTO, SCTANISLAUS ND CENTRAL CALIFORNIA.

RIDGES — 5, reinforced concrete, not stated. Visalia, Tulare Co., Engineer, County Surveyor, Vi- s Owners, Tulare County. Bids be received by the Board of Sur- isors of Tulare County up to 11 a. of November 5th, for the con- ction of five reinforced concrete ges over ditches and creeks on county highways in accordance plans and specifications on file he office of the County Surveyor. n M. Coburn is the Clerk of the rd.

SCHOOL HEATING SYSTEM—Cost stated. Fresno, Fresno Co., Cal.

Architect, none. Owners, Fresno School District. Plans are complete and bids are now being taken for an oil burn- ing system to be installed in the Lincoln School. Plans and specifications can be secured from T. C. Starr, who is secretary of the Board of Education.

SCHOOL—2 story and base. Class ' construction. Cost not stated. Fresno, Fresno Co., Cal. Architects, Gates & Traver, Head Bldg., S. E. Owners, City of Fresno. The following bids were submitted for the construction of the Webster School:

Bidder	Total	Add
James L. Daly.....	\$17,370	\$1,025
Richard Hill.....	19,559	.....
Alfred Kohn.....	49,800	750
Smith & James.....	59,983	.....
Trewhitt & Shields Co.,	52,610	452
R. C. Blackwell.....	52,250	.....
Brandt & Stevens.....	53,700	.....

The column headed "Add" is for concrete floors.

All bids were taken under advisement by the Board of Education.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGES—7, steel and reinforced concrete. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Bids submitted for the construction of seven concrete and steel ridges on the west side of the State Highway in Road District No. 5 have been rejected by the Board of Supervisors. The plans and specifications will be revised and new bids will be taken until November 5th at 1 a. m. Plans and specifications together with full information may be obtained from the County Surveyor.

CHURCH — 1½ story and base, frame. Cost not stated. Sisson, Siskiyou Co., Cal. Architects, L. B. and A. L. Valk, Stimson Bldg., L. A. Owners, First Methodist Church of Sisson. The building will contain an auditorium and Sunday school rooms. Interior will be finished in pine with some ornamental plaster in the main auditorium. A central heating system, probably furnace heat, will be installed. Art glass windows are specified. Exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

APARTMENT HOUSE—2 story and base, frame, \$8,000. Sacramento, Cal. Architect, none. Owner, C. Sprogis, 2315 Third street, Sacramento. The building will be erected on Third street, and has been designed to contain four suites of four rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living rooms. There will be a central heating system and hot water system. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SLOUGH PROTECTION—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Plans and specifications for additional and necessary improvements in the Mormon slough protection district have been adopted by the Board of Supervisors. The proposed work is the re-

interior heart of brush matter, the installation of heavier embankments in certain places, and a general plan which has to do with some extensive construction work.

ROAD CONSTRUCTION \$15,000 Lodi, San Joaquin Co., Cal. Engineer's name not given. Owners, State of California. The Lodi Chamber of Commerce is interesting itself in a move to obtain an appropriation of \$15,000 from the State to build six miles of road between Clements and the Mokelumne River, where Amador, Calaveras and San Joaquin corner.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

APARTMENT HOUSE NO. 2315 THIRD ST., on S ½ Lot 1 W, X, 3rd and 4th Sts., Sacramento. Erect apartment house of 4 apartments, 4 rooms each. Owner.....C. Sprogis, Premises. Architect...None. Contractor...C. Sprogis. COST, \$1000

DWELLING NO. 3006 W ST., on W ½ Lot 2, W, X, 20th and 31st Sts., Sacramento. Five room dwelling. Owner.....Katie Corbett, S. F. Architect...None. Contractor...F. H. Dickinson. COST, \$1400

ALTERATIONS LOT 56, Schley Place, Sacramento. Raise dwelling and build addition. Owner.....Magdalena Kuhn. Architect...None. Contractor...E. L. Rugg, Hobson near Dewey, Sacramento. COST, \$450

BRICK WALL NO. 422 M ST., Sacramento. Erect brick wall. Owner.....J. C. Churchill, Premises. Architect...None. Contractor...A. Stoughton. COST, \$300

ALTERATIONS NO. 400 K ST., Sacramento. Enlarge balcony. Owner.....Weinstock-Lubin Co., Prem Architect...None. Contractor...W. L. Ruton. COST, \$200

BUILDING SEC. 35 T 5 R 4 PTN. S L S 295, Sacramento. Building. Owner.....Milo E. Dye. Architect...None. Contractor...W. L. Graff. Filed Oct. 22, '14. Dated Oct. 16, '14. COST, \$3800

DWELLING SECOND AVE, bet. 21st and 22nd on N 63.18 feet Lot 141 West Curtis Oaks, Sacramento. Six-room dwelling. Owner.....A. W. Clevenger. Architect...None. Contractor...E. A. Corum, 2523 1st Ave., Sacramento. COST, \$2500

DWELLING NO. 1608 X ST., on E ½ Lot 2, X, Y, 16th and 17th Sts., Sacramento. Five room dwelling.

Owner.....Joseph Edinbofer, 3011
Cypress Ave., Sacramento.
Architect...None.
Day's work. COST, \$1700

ALTERATIONS

NOS. 208-216 I ST., on N ½ Lot 2, I, J,
2nd and 3rd Sts., Sacramento. Cover
roof with felt and gravel.
Owner.....Mrs. A. Carlow, 720 M St.,
Sacramento.
Architect...None.
Contractor..E. S. Warner, 1023 10th St.
Sacramento.
COST, \$300

REPAIRS

NOS. 916 THIRD ST., N ½ Lot 4, I, J, 2nd
and 3rd Sts., Sacramento. Extensive
repairs in store.
Owner.....The Tong Sung Co., Prem.
Architect...None.
Contractor..Barton & Hite, 1006½ 9th
St., Sacramento.
COST, \$700

ADDITION

NOS. 1510 UPPER STOCKTON ROAD on
Lot 7868 Goethe's Sbdvn 78, Sacra-
mento. Build addition and repair
dwelling.
Owner.....Louis Parino, 321 U St.,
Sacramento.
Architect...None.
Contractor..Andrew D. Kulju, 706½ J
St., Sacramento.
COST, \$500

GARAGE

NOS. 1508 L ST., on P W ½ Lot 2, L, M,
15th and 16th Sts., Sacramento.
Private garage.
Owner.....Mrs. Hannab Sweeney, 1508
L St., Sacramento.
Architect...A. Willoner, 524 Ochsner
Bldg., Sacramento.
Day's work. COST, \$300

WAREHOUSE, ETC.

NOS. 1715 FITH, on S 1, 5 and S ½ of
W ½ Lot 2, Q, R, 5th and 6th Sts.,
Sacramento. Build warehouse and
pickle factory.
Owner.....L. H. Stewart, 1228 O St.,
Sacramento.
Architect...None.
Contractor..Wall & Parker.
COST, \$1500

CONCRETE FLOOR

NOS. 1515 TWENTIETH, Sacramento.
Concrete floor in driveway.
Owner.....Cascade Laundry, Prem.
Architect...None.
Contractor..Teichert & Ambrose, Ochs-
ner Bldg., Sacramento.
COST, \$200

GARAGE

NOS. 1421 L ST. (rear), Sacramento.
Garage and paint shop in rear.
Owner.....O. M. Kilhorn, Premises.
Architect...None.
Day's work. COST, \$1200

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

BANK BUILDING

NW SUTTER AND MAIN STS., Stock-
ton. Metal vault work for 10-story
and basement Class "A" bank and
office building.
Owner.....Commercial & Savings
Bank, Stockton.

Architect...L. B. Dutton, Chronicle
Bldg., San Francisco.
Contractor..The Herman Safe Co., 120
Folsom, San Francisco.
Filed Oct. 28, '14. Dated Sept. 30, '14.
Payments made whenever each of
the articles called for in contract
shall have been installed in bldg.

TOTAL COST, \$2152
Bond, \$4576. Surety, Globe Indemnity
Co. Limit, 15 days. Forfeit, \$50 per
Plans and specifications filed.

FINISH HARDWARE ON ABOVE

Contractor..Baker & Hamilton, 451
Brannan, San Francisco.
Filed Oct. 28, '14. Dated Oct. 12, '14.
Material delivered 50%
Material installed 25%
Usual 35 days..... 25%

TOTAL COST, \$2425
Bond, \$1213. Surety, Southwestern
Surety Insurance Co. Limit, forfeit,
none. Plans and specifications.

COMPLETE PLANT FOR OPERATION
and control of elevator doors on
above.

Contractor..Randall Elevator Door
Control Co., 115 Mission,
San Francisco.

Filed Oct. 28, '14. Dated Oct. 19, '14.
Complete installation of equip-
ment 75%
36 days after 25%

TOTAL COST, \$2000
Bond, \$1000. Surety, The Aetna Acci-
dent & Liability Co. Limit, 21 days.
Forfeit, \$50 per day. Plans and spec-
ifications filed.

COMPLETION NOTICES.

SAN JOAQUIN COUNTY.

RECORDED ACCEPTED
Sept. 28, 1914—JACKSON AND SAN
Joaquin Sts. (Jackson School Ppty)
Stockton. Board of Education of
Stockton to Daniels & Green.....
.....Sept. 25, 1914
Oct. 7, 1914—N-HUNTER ST. NOS. 220,
Stockton. O E Eshbach to James
Muleahy.....Oct. 5, 1914

LOS ANGELES AND SOUTHERN
CALIFORNIA.

HOTEL—5 story and base. Class B
construction. Cost not stated. Red-
ondo Beach, Los Angeles Co., Cal.
Architect L. B. Pemberton, Auditorium
Bldg., L. A. Owner, Mrs. Nelms. The
building will be erected on Catalina
street, having a frontage of 50 feet and
a depth of 120 feet. There will be sev-
eral stores on the first floor, besides
the hotel office, dining room and lobby.
Upper floors will be arranged for a
total of 125 guest rooms, a large per-
centage of which will have private
baths. Interior will be finished in
pine and hardwood. Tile floor will be
used in the lobby and baths. Plans
provide for steam heat, elevator serv-
ice and a hot water system. Patent
store fronts will be used. Exterior of
the building will be faced with ruffled
brick. Plans are complete and figures
are being taken.

SCHOOLS—2, 1 story and base, hol-
low tile construction. Cost not stated.
Compton, Los Angeles Co., Cal. Ar-
chitects, Tuttle & Angel, Delta Bldg.,
L. A. Owners, Compton School Dis-
trict. One building will cover an area
of 146 by 88 feet and the other 140 by
73 feet. Interiors will be finished in

pine with pine floors. There will be
a modern system of heating and venti-
lating. Composition blackboards will
be used. Modern school plumbing is
specified. Exteriors of the buildings
will be faced with cement plaster.
Tile cornice and roof will be used.
Plans are now being prepared. Fur-
ther mention will be made of the work.

TRANSMISSION LINE AND SUB-
STATION — \$60,000. El Centro, Im-
perial Co., Cal. Engineer, Chief Engi-
neer Holton Power Co., El Centri-
Owners, Holton Power Co. The Hol-
ton Power Co., operating in El Centro
and Seedy, Imperial County, has been
granted permission by the Railroad
Commission to issue bonds in the
amount of \$200,000. A new transmis-
sion station is to be erected at El
Centro, Imperial Co., at a cost of \$45,-
000, and a transmission line will be
built between El Centro, Seedy and
Dixieland, three important towns in
the Imperial Valley. The line will cost
\$12,078.

Contracts Awarded.

WAREHOUSE—1 story and base.
Class C construction, \$26,000. Los An-
geles, Cal. Architect, none. Owners,
Economy Paper Co., L. A. Contractors,
Alta Planning Mill Co., 830 McGary
street, L. A. Contract price, \$26,000.

PORTLAND AND OREGON.

BRIDGES—7, steel swing type. Cost
not stated. Portland, Ore. Engineer
Jay J. Morrow, Major United States
Engineer Corps, Couch Building, Port-
land. Owners, United States Govern-
ment. Bids have been authorized and
plans and specifications will be com-
pleted in a few days under the super-
vision of Engineer Morrow for fur-
nishing and erecting seven steel swing
draw bridges. The structures are to
be built at The Dalles-Celilo canal
and will consist of seven structure
with a swing span of 65 feet to have
a short arm of girder type. Ther will
be one span 45 feet long. Con-
tractors figuring work will submit
their own plans. The Government will
build the trestles, foundations for the
bridges and the approaches, which
will not be included in the contract.
Contractors bidding for the work may
submit alternate bids for special type
of foundations or other equipment to
be furnished by the Government. Bid
for the work will be opened in the U.
S. Engineer's office, Couch Bldg., at
a. m. December 7th.

DETENTION HOME—2 or 3 story
and base, brick and steel, \$25,000.
Portland, Ore. Architect not selected.
Owners, City of Portland. In the
budget of 1915, which is now being
prepared, an appropriation of \$25,000
has been made for the construction of
a detention home. No mention is
made of the site. All details are in
the hands of Mayor Albee of Portland.
Further mention will be made of the
work.

SCHOOL—2 story and base, rein-
forced concrete, \$160,000. Portland,
Ore. Architect, F. A. Naramore, Port-
land. Owners, City of Portland. The
building will be erected at the corner
of Park and Hall streets, covering
large ground area. Construction will
be fireproof with reinforced concrete
floors, walls and roof slabs. There
will be 21 class rooms, library, a large
auditorium, offices, gymnasium with
large swimming pool and department

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

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615 Phelan Building, San Francisco

manual training and domestic science. Interior will be finished in pine and maple floors. Plans provide for steam heat, a modern system of ventilation, vacuum cleaning and program clocks. Slate blackboards will be used. Exterior of the building will be finished with cement plaster. Plans are complete and figures are being taken. Bids will be opened on November 11th. **RESIDENCE**—2 story and base, brick and reinforced concrete, \$140,000. Portland, Ore. Architects, Doyle & Peterson, Worcester Bldg., Portland. Owner's name withheld. The dwelling will be erected in Portland Heights and has been designed for a large residence. There will be in the neighborhood of fourteen rooms, three baths and a large conservatory. Interior will be finished in pine, hardwoods and white enamel. Hardwood floors will be used throughout. Bathrooms will be finished in tile and equipped with showers. Plans provide for a central heating system, probably steam heat. Open fire places and tile mantels are also specified. Exterior of the house will be faced with pressed brick. Plans are now being prepared.

STORES AND OFFICES—2 story and base, brick, \$25,000. Portland, Ore. Architects, Houghtaling & Egan, Henry Bldg., Portland. Owner, Rodney L. Gilsan. The building will be erected at the corner of 4th and Couch street, covering an area of 100 by 100 feet. Stores will occupy street frontages and a large warehouse the remainder of the ground floor. Upper floor will be arranged for offices. Interior finish will be of tile. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SCHOOL—2 story and base, brick and reinforced concrete, \$119,584. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Contractors, Boyajohn-Arnold Co., Panama Bldg., Portland. Contract price, \$119,584. Note: This contract does not include plumbing, bids for which were rejected and will be re-advertised.

SEATTLE AND WASHINGTON.

HOTEL—3 or 4 story, brick and steel, \$125,000. Pocatello, Idaho. Architect's name not given. Owners, G. Allen and H. E. Bartlett, Boston. It is reported that Messrs. Allen and Bartlett are looking over conditions in Southern Idaho with the thought



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ARE good---order
today from

White Brothers

5th and Brannan Streets

San Francisco

Panels of proven Quality-- Wybro

WYBRO Panels have been tried and tested time and again. They are now of proven quality.

Users have proven to themselves that there are no better Panels made than the WYBRO--that is why WYBRO Panels are great repeaters.

of erecting a modern hotel building to cost in the neighborhood of \$125,000. No definite information can be had at this time.

LIBRARY—1 story and base, reinforced concrete, \$30,000. Columbia City, Wash. Architect, W. M. Somerville, White Bldg., Seattle. Owners, Town of Columbia City. The building will be designed in the classic style and will contain two large reading rooms besides a children's department, office of librarian, stack rooms and lecture hall. Interior will be finished in pine and hardwood with a maple floor. There will be steam heat and vacuum cleaning. Marble and tile will be used extensively. Metal book stacks are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

GATE HOISTING EQUIPMENT—Cost not stated. Jackson Enlargement Project, Wyo. Engineers, United States Reclamation Service, Boise, Idaho. Owners, United States Government. Plans are complete and figures are now being taken for furnishing the gate hoisting equipment for sluice gates on the Jackson Enlargement Project at Moran, Wyo. Plans and specifications can be secured on application to the engineers at Boise. Bids will be opened on November 22nd. An official proposal appears in another column of this issue.

STEEL CREST—Cost not stated. Grand Valley Project, Colo. Engineers, United States Reclamation Service, Washington, D. C. Owners, United States Government. Plans are complete and figures are now being taken for furnishing one steel rolling crest for the Grand River Diversion Dam on the Grand Valley Project. Plans are complete particulars will be furnished on request at the Reclamation Service at Washington, D. C. Bids will be opened on November 19th. An official proposal appears in another column of this issue.

HOSPITAL—3 and 4 story and base. Class A construction. Cost not stated. Spokane, Wash. Architect, Riggs, Spokane. Owners, Spokane County. Plans for the new County Tuberculosis Sanitarium to be erected in Spokane have been completed. Architect Riggs is now going over the plans and specifications with Dr. Kelley of the State Board of Health in Seattle, and upon approval of the State Board of Health bids will be called. The building will be a fireproof structure covering a considerable ground area and containing all the most modern equipment. Exterior will be faced with pressed

brick. Bids will be called for shortly. Further mention will be made of the work.

STORES AND OFFICES—3 story and base, brick and steel, \$30,000. Seattle, Wash. Architect, V. W. Voorhees, Elitel Bldg., Seattle. Owner, Louis Anderson. The building will be erected at the corner of Market and Leary street and will cover a considerable ground area. There will be stores on the first floor. Upper floors will be arranged for modern offices and rooms. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. Patent store fronts will be used. Marble bases are also specified. Exterior of the building will be faced with pressed brick. Plans and specifications have been completed and figures will be called for at once.

WAREHOUSE—9 and 16 story and base, reinforced concrete, \$850,000. Seattle, Wash. Architect, George C. Nimmons, People's Gas Bldg., Chicago. Owners, Sears-Roebuck Co. The building will be erected at the corner of Utah and Colorado streets, covering a large area. The main portion will be 16 stories high. Construction will be fireproof throughout. The entire building will be used as a warehouse, shipping department and offices of the owners. Figures will be submitted on two systems of floor construction, the Cantelver and the Acme systems. Unit prices will be asked for on several parts of the work. Among the other big items entering into the construction are 846 tons of reinforcing steel and 784 tons of structural steel. Plans are complete and figures are being taken.

MINOR JOBS ABOUT ALAMEDA CO.

667 Aileen, Okd.; addition; owner, Alice M. Comstock; contractor, E. R. Comstock; cost, \$100.

N Walnut 250 from 94th Ave., Okd.; addition; owner, A. S. Kelly; contractor, J. J. Nichols; cost, \$250.

569 Aileen, Okd.; addition; owner, J. R. Marquis; cost, \$100.

1400 Foothill Blvd., Okd.; garage; owner, Jas Carson; contractor, F. H. Austin; cost, \$200.

433 37th, Okd.; addition; owner, M. P. Dons; cost, \$200.

1274 82nd Ave., Okd.; reshingle; owner, John Boitan; cost, \$100.

469 10th, Okd.; alterations; owner, John W. Havens; contractor, C. H. Steffens; cost, \$100.

157 Stowe Ave., Okd.; garage; owner, Geo Hing, Premises; contractor, P. B. Maurice; 505 E-22nd; cost, \$200.

Completion Notices.

SAN FRANCISCO COUNTY.

September 1 to 30

Sept. 1, 1914—S BONITA 109-6 W Polk. Nick Borina to E J Montgomery.Aug. 31, 1914
Sept. 1, 1914—E BELVEDERE 324-1% N 17th N 28xE 128-74. Thomas Finlayson to whom it may concern.Sept. 1, 1914
Sept. 1, 1914—W NINETEENTH AVE 25 S Balboa S 25xW 100. John S Purcell to whom it may concern.Sept. 1, 1914
Sept. 1, 1914—W NINETEENTH AVE 75 S Balboa S 25xW 100. John S Purcell to whom it may concern.Sept. 1, 1914
Sept. 1, 1914—E SHOTWELL 185 N 20th N 30xE 122-6. Thaddeus W Terry to H T Grieb.Aug. 29, 1914
Sept. 1, 1914—E TWENTY-EIGHTH AVE 125 N Clement N 25xE 120. Eugene and Catherine Donovan to whom it may concern.Aug. 29, 1914
Sept. 1, 1914—S HUGO 95 W Third AVE W 25xS 100. E Hunius to A Klahn & Son.Aug. 29, 1914
Sept. 1, 1914—N PAGE 154 E Lyon N 137-6xE 27-6; Nos. 1252-54-56 Page. Rosa M McGough to Lincoln U Grant.Aug. 11, 1914
Sept. 1, 1914—LOT 12 BLK 66, Reis Tract. Michael and Kate Ongarswsky to H Melsen.Sept. 1, 1914
Sept. 1, 1914—NE TONQUIN & DEVISADERO E 893.75xS 1275 (Court of Honor). Panama-Pacific International Exposition Co to F Rolandi.Aug. 26, 1914
Sept. 1, 1914—E EIGHTH AVE 131 N Lawton. M or Martin L Cramer to Finn Andersen.Aug. 19, 1914
Sept. 2, 1914—E FIFTH AVE 100 S "C" S 25x120. H E MacArthur to MacArthur Bros.Aug. 31, 1914
Sept. 2, 1914—E FIFTH AVE 150 S "C" S 25x120. H E MacArthur to MacArthur Bros.Aug. 31, 1914
Sept. 2, 1914—N MANGELS AVE 100 E Congo E 70 N 36 m or 1 W 70 S 35-11%. Chas F Goepel to whom it may concern.Aug. 31, 1914
Sept. 2, 1914—EXPOSITION SITE. J R Kathrens, manager, Union Pacific Yellowstone Park Concession to John Monk.Aug. 31, 1914
Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.August 24, 1914
Sept. 3, 1914—W HYDE 37-6 N Pine W 25x90-10. No. 1011 Hyde. Herman D Hogrefe to whom it may concern.Sept. 2, 1914
Sept. 3, 1914—COMG. 75 N LOMBARD and 137.6 W Larkin W 68.9xN 30. James and Annie Mears to Western Union Home Bldrs, Inc.Sept. 3, 1914
Sept. 3, 1914—S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11% — 92-5% N 92-6 W 50. Hohart Estate Co to P H Jackson & Co.August 27, 1914
Sept. 3, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmiedell Estate to Hardwood Interior Co.August 31, 1914
Sept. 3, 1914—S PARNASSUS AVE 23-6 E Willard; Lot 5 Blk "D" Sunset Heights. W D Kaufmann to Nielsen Bros.Sept. 3, 1914
Sept. 3, 1914—NE JACKSON AND

Cherry; No. 20 Cherry. W D McCann to Isaac Penny.Aug. 28, 1914
Sept. 3, 1914—LOT 22 BLK 12 St. Francis Wood. Westgate Park Co to E Ellingson and O K Holt.August 29, 1914
Sept. 3, 1914—W HYDE 20 N Green N 20xW 60. H C Muller to Henry Conrad.August 27, 1914
Sept. 3, 1914—N MARKET 49-9% E Page E 27-1% N parallel with Page 112-0% W 22 S parallel with Page 127-10%. A S Macdonald to Harold Brautson.August 24, 1914
Sept. 4, 1914—LOT 19 BLK 4, Crocker Amazon Tract. United States Bldg Realty & Inv Society to whom it may concern.Sept. 3, 1914
Sept. 4, 1914—SE TONQUIN & BAKER S 1375xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.Sept. 2, 1914
Sept. 4, 1914—E VICKSBURG 30 S 22nd S 25xE 100. Olaf Ellingsen to C Wengard.Completed —
Sept. 4, 1914—W FILLMORE 70-3% S Jackson W 105xS 32-4%. Joseph Haller to Herman H Bergfeld.Sept. 1, 1914
Sept. 4, 1914—W EUREKA 70-5 S 22nd — 46-10 W 100 N 46-10 E 100 N J Nelson to whom it may concern.Sept. 3, 1914
Sept. 4, 1914—N OFARBELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. The Young & Swain Baking Co to Frank J Klimm.Sept. 1, 1914
Sept. 5, 1914—SE HYDE & GREENWICH S 68-9xE 100. Greenwich Realty Co to Pacific Rolling Mill Co.Sept. 1, 1914
Sept. 5, 1914—W NINETEENTH AVE 125 N Clement N 25xW 120. David Philpelli and Catherine Philpelli to Henry W Jansen.Sept. 2, 1914
Sept. 8, 1914—NW BOCANA (North Ave) 309-6% NE Eugenia Ave NE 26-11xNW 55 ptn Lots 650 and 652, Gift Map No. 3. John Bjorkman to whom it may concern.Aug. 25, 1914
Sept. 8, 1914—W COLLINS 150 S Geary, Michele Mortede to Antonio Ferreccio.Sept. 3, 1914
Sept. 8, 1914—S JERSEY 139-6 E Church E 75-6xS 114. Robert O and Gladys E Banzhaf to whom it may concern.Sept. 4, 1914
Sept. 8, 1914—N SUTTER 100 W Powell, M D Grosh, Louise M Sage, E G Larzelere to William G Gilmour.Sept. 3, 1914
Sept. 8, 1914—N NORTH POINT 100 W Broderick N along a line parallel to W Broderick 100 E parallel with North Point 450 S along a line parallel to W Devisadero 600 W along a line parallel to S Bay 450 N along a line parallel to W Broderick 500; N North Point 100 E Pierce N along a line parallel to E Pierce 100 E along a line parallel with North Point — S 600 W 450 N 500 (Courts of Palms and Flowers). Panama-Pacific International Exposition Co to Strehlow, Fresse & Petersen.Sept. 1, 1914
Sept. 10, 1914—FOLSOM NO. 2148. Jean Allee to Schrader Iron Works.Sept. 8, 1914
Sept. 10, 1914—S PINLEY 112-6 W Webster 24x60. E Filippetti to Montani & Stefanini.Sept. 10, 1914
Sept. 10, 1914—W MISSION 30 N Sycamore Ave W 80xN 46-8. Jean Allee to G Carranza.Sept. 8, 1914
Geo Rehn, Sept. 8, 14, H L Petersen.Sept. 1, 1911

Sept. 10, 1914—SE TONQUIN AND Baker S 1375xE 2832. Panama-Pacific International Exposition Co to Pacific Fire Extinguisher Co.Sept. 2, 1914
Sept. 10, 1914—W JONES 37-6 S Jackson. L D Stoff to L D Stoff.Sept. 10, 1914
Sept. 10, 1914—N NEY 25 W Congdon W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.Sept. 1, 1914
Sept. 10, 1914—N LINDEN AVE 165 W Laguna W 27-6xN 45. J J and Mary E Silvey to F J Durham.Sept. 5, 1914
Sept. 10, 1914—NW MINNA 85 NE 8th NE 40xNW 80. Pacific Gas & Electric Co to Jas S Fennell.August 31, 1914
Sept. 10, 1914—NW NEY & CONGDON W 25xN 85, ptn Lots 13 and 14 Blk 7, College Hd Ass'n. Victor Bjors to whom it may concern.September 1, 1914
Sept. 11, 1914—COM. AT INT. OF A line drawn parallel with S 17th, drawn E from Belvedere distant 102-8% S 17th with a line drawn parallel with E Belvedere being drawn N from Carmel distant 150 E Belvedere S parallel with Belvedere 25-0% E parallel with 17th 122-1% m or 1 to Ashbury N along Ashbury 6-6% N along Ashbury 20-0% W parallel with 17th 115-1 m or 1. John A Hoots to John A Hoots & Son.Sept. 1, 1914
Sept. 11, 1914—W LEAVENWORTH 87-6 N Turk N 50xW 37-6. Eisenbach Co to Higginson Co, Inc.; The General Bldg Works Co, G & M Sheet Metal Works, Edw W Lacey, Atlas Heating & Ventilating Co, California Elec Constr Co, J J Philbin, Mutual Plate & Window Glass Co, A A Zelinsky, C J Hillard Co, Inc, Bill & Jacobsen.Sept. 10, 1914
Sept. 11, 1914—E NINETEENTH AVE 100 S Moraga S 25xE 120. Chas W and Martha C Vaughn to D Houle.Completed —
Sept. 11, 1911—N CLEMENT 105 W 13th Ave W 25xN 104-3. M W and J H Cain to whom it may concern.September 1, 1914
Sept. 11, 1911—NE WASHINGTON & Presidio Ave E 90-11xN 50. Stella Lovegrove to Shepherd Bros.September 11, 1914
Sept. 11, 1914—E TWENTY-THIRD AVE 100 N Ulton N 33-4xE 120. Parkside Home Bldg Co to whom it may concern.Sept. 8, 1914
Sept. 14, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8%. Katherine P Hooker to Thomas A Cavanaugh.Sept. 5, 1914
Sept. 14, 1914—SE EIGHTH AND Folsom 36 on 8th and 130 on Folsom. Galland Mercantile Laundry, Inc to Clinton Fireproofing Co, Inc.Sept. 5, 1914
Sept. 14, 1914—E JORDAN AVE 250 N Geary N 33-4xE 120. J W Dowdell to L V Riddle.Sept. 8, 1914
Sept. 12, 1914—N GREEN 81 E Octavia E 54xN 137-6. Swan J Sterner to whom it may concern.Sept. 12, 1914
Sept. 12, 1914—E TWENTY-THIRD AVE 75 S Anza — 25 E 82-6 N 25 W 82-6. Thomas Hamill to whom it may concern.Sept. 10, 1914
Sept. 15, 1914—S RUSH 137-6 E Grant Ave S 60 W 22-8 S 60 E 42-6 N 120 W 20. N Ahrens to J B Reite and B R Halling.Sept. 14, 1914
Sept. 15, 1914—SE POST & LEAVENWORTH S 137-6xE 137-6. The Schmied-

- dell Estate to D Zellinsky, Sept. 3;
Frederick W Snook Co, Sept. 10;
Pacific Fire Extinguisher Co.....
.....Sept. 3, 1914
- Sept. 15, 1914—N PAGE 131-3 W
Pierce W 25xN 137-6, Margaret
McCloskey to Oscar T Thunberg.....
.....August 31, 1914
- Sept. 15, 1914—NE SIXTEENTH AND
Mission N 260xE240. Henry Invst
Co to Frederick W Snook, Sept. 11, '14
- Sept. 15, 1914—SW POST & POWELL
W 137-6 S 63-6 E 69-7 N 6-6 E
67-11 — 57. Crocker Hotel Co to
Pacific Mfg Co.....Sept. 10, 1914
- Sept. 15, 1914—S PACIFIC AVE 32-6
E Walnut E 110xS 127-8½. Katharine
P Hooker to U S Metal Products
Co.....Sept. 14, 1914
- Sept. 16, 1914—W ELEVENTH AVE
275 S Cabrillo 25x120. A Petry to
whom it may concern.....Sept. 16, 1914
- Sept. 16, 1914—W ELEVENTH AVE
250 S Cabrillo 25x120. A Petry to
whom it may concern.....Sept. 16, 1914
- Sept. 16, 1914—W FIFTEENTH AVE
50 N Anza N 25xW 90. Emil Nelson
to whom it may concern.....Sept. 15, 1914
- Sept. 16, 1914—LOT 22 BLK 4
Crocker Amazon Tract. Alfred
Anderson to whom it may concern
.....Sept. 15, 1914
- Sept. 16, 1914—S GEARY bet Stockton
and Powell; No. 235-237 Geary.
The Phonograph Co. of S F to J W
Cobby.....Sept. 5, 1914
- Sept. 17, 1914—W MASON 65 N O'Farrell
N 50xW 103-1½. D L Randolph
to F J Klenck.....Sept. 17, 1914
- Sept. 17, 1914—NE ARMY & GUERRERO
N 26-6xE 80. Julius J Thiebaut
to John Little.....Sept. 10, 1914
- Sept. 17, 1914—W TWELFTH AVE
125 S Anza. Charles A Hall to
whom it may concern.....Sept. 16, 1914
- Sept. 17, 1914—W WEBSTER 81-6 S
Pacific Ave 46-2½x110. A M Byrne
to Pacific Plastering Co, Sept. 12, 1914
- Sept. 17, 1914—S POST 95 W Larkin
W 25xS 120 to Cedar. J B Reite to
whom it may concern.....Sept. 11, 1914
- Sept. 17, 1914—TWENTY-SECOND
NO. 2315. Michael Gibbons to whom
it may concern.....Completed —
- Sept. 17, 1914—LOT 21 BLK 5 Crocker
Amazon Tract. Albert Mattson to
whom it may concern.....Sept. 15, 1914
- Sept. 18, 1914—SW TAYLOR & EDDY
W 137-6xS 137-6. Morris Hyman,
Joseph Hyman, Julia Hyman Stone
Emilie Baruch and Henry W Hyman
Estate to Chas B Hadley.....
.....Sept. 14, 1914
- Sept. 18, 1914—N NORTH POINT 100
W Broderick N along line parallel
to Broderick 100 E 450 S 600 W
450 N 500; N North Point 100 E
Pierce N along a line parallel to
Pierce 100 E 450 S 600 W 450 N
500. Panama-Pacific International
Exposition Co to Newbery Bendheim
Elec Co.....Sept. 16, 1914
- Sept. 19, 1914—NE WASHINGTON &
Octavia E 175 N 127-8½ E 2-6 N
127-8½ W 177-6 S 255-4½. A B
Spreckels to Foster & Vogt.....
.....August 31, 1914
- Sept. 19, 1914—E GRANT AVE 77-6 N
Bush N 30xE 80. Herman Heskins
to McMullin, von Voorhis Co.....
.....Sept. 18, 1914
- Sept. 19, 1914—W MISSION 25-6 N
17th N 39-6xW 70. C Hadelor to
Beach & Heffernan.....Sept. 17, 1914
- Sept. 19, 1914—N PINE 93-10½ W
Hyde W 25xN 87-6. Edward E
Young to whom it may concern.....
.....Sept. 15, 1914
- Sept. 19, 1914—N GREEN 116-3½ W
Jones W 47xN 120 on Macdonay.
John McGaw to Marcus Marcussen
.....Sept. 19, 1914
- Sept. 19, 1914—COMG, at Intersection
of dividing line Lots 14 and 15 Blk
9 and E San Fernando Way N 75
deg 19 min 59 sec E 100 S along
curve to right, 33.93 S 80 deg 26
min 55 sec; W 100 N along curve
to left 25, Ptn Lot 15 Blk 9, St.
Francis Wood. H O Harrison to
Kronnick Bros.....Sept. 15, 1914
- Sept. 19, 1914—W DELANO (Delaware)
Ave 53-70 from NE Cor. Blk
33 West End Map No. 1 NW 75x
SW 75, ptn Lots 1 and 2 Blk 33,
West End Map. Axel R Larson to
whom it may concern.....Sept. 18, 1914
- Sept. 19, 1914—E SANCHEZ 114 S
22nd S 22-6xE 100. Chas B and
Madge Scully to whom it may
concern.....Sept. 16, 1914
- Sept. 21, 1914—E FAIR OAKS 122 S
22nd. C B Mondani and C Muzio
to Pietro and Giuseppe Carrara.....
.....Sept. 19, 1914
- Sept. 21, 1914—NE SIXTEENTH AND
Capp N 90xE 150. San Francisco
Labor Council Hall Ass'n to Central
Iron Works.....Sept. 16, 1914
- Sept. 21, 1914—W TRINITY 68-9 N
Sutter W 61-3½xN 34-4½. French
American Bank of Savings (by Agt.
P. J. Walker Co) to W P Fuller.....
.....Sept. 14, 1914
- Sept. 21, 1914—W COMMONWEALTH
Ave 265 N Geary W 120xN 40. Nellie
H Morris to Jas P Fletcher.....
.....Sept. 10, 1914
- Sept. 21, 1914—NW JACKSON AND
Scott N 127-8½xW 137-6. Academy
of the Sacred Heart to R G Graham
.....Sept. 17, 1914
- Sept. 22, 1914—SW HOWARD AND
16th W 175-6 S parallel with Howard
90 E 75-6 N 2-6 E 100 N 87-6.
Mission Consolidated Realty Co to
Brode Iron Works.....Sept. 21, 1914
- Sept. 22, 1914—E MISSION 100 N
24th N 93-4 NE 123-7 S 110-1 W
123-6; E Mission 193-4 N 24th N
58-8 E 122-6 S 41-11 W 123-7.
Turner & Dahnen Circuit to
Pacific Structural Iron Works.....
.....Sept. 12, 1914
- Sept. 22, 1914—E TWENTY-FIFTH
Ave 175 N Anza N 25xE 120. Jacob
H Thorup to whom it may concern
.....Sept. 19, 1914
- Sept. 22, 1914—S EIGHTEENTH 65-
10 E Mississippi E 35xS 50. C F
Adams to E A Janssen, Sept. 21, 1914
- Sept. 22, 1914—NE FULTON AND
Parker Ave E 175xN 275. The
President and Board of Trustees
of St. Ignatius College to Paul C
Butte and Chas F Butte (Butte
Engineering & Electrical Co) (2
acceptances).....Sept. 14, 1914
- Sept. 22, 1914—SE ELSIE 60 SW
Cortland SW 30 SE 53-9 NE 20 NW
25 NE 10 NW 28-9 ptn Lots 17 and
18 Blk 5 Fairs Sub Holly Park Tct.
A Leone to M Z Novello, Sept. 21, 1914
- Sept. 23, 1914—LOT 35 BLK 13, Lakeview.
Matthys Walther to whom
it may concern.....Sept. 22, 1914
- Sept. 23, 1914—S IRVING 32-6 E 47th
Ave S 100xE 25. Clara Winterberg
to Liebert & Martinelli.....Sept. 17, 1914
- Sept. 23, 1914—SAN CARLOS AVE NO.
155. Naughton Estate (Clary L
Naughton Trustee) to Higginson
Co, Inc.....Sept. 18, 1914
- Sept. 23, 1914—N SADOWA 250 E
Capitol Ave E 25xN 125 Blk "G" R
R Hld Ass'n. Homestead Realty Co
to Wm H Grahn.....Sept. 22, 1914
- Sept. 23, 1914—PCLC NO. 31 on E
East, approximately opposite junction
of S end of Beale and E Branham.
Western Pacific Railway Co
(as Lessee) to Hyde Harjes & Co.....
.....Sept. 14, 1914
- Sept. 23, 1914—W TWELFTH AVE
100 S Anza (A) 25x120. Charles A
Hall to whom it may concern.....
.....Sept. 21, 1914
- Sept. 23, 1914—E THIRTY-FIRST
Ave 125 N Geary N 50xE 120. William
Klute to T E Mohler, Sept. 23, '14
- Sept. 23, 1914—NW TAYLOR AND
Sacramento N 40xW 91-8. G A
Steffen to Eureka Teaming Co.....
.....Sept. 8, 1914
- Sept. 23, 1914—LOTS 21 AND 22 BLK
"N" Mission Street Land Co. Homestead
Realty Co to William H
Grahn.....Sept. 22, 1914
- Sept. 24, 1914—N CALIFORNIA 40 W
Prospect Place 20x52-6. H G
Lackmann to E J Montgomery.....
.....Sept. 23, 1914
- Sept. 24, 1914—S ALVARADO 105 W
Castro. Nellie Mullen to whom it
may concern.....Completed —
- Sept. 24, 1914—VALLEJO NO. 2244.
Mary Kingston to John Burns.....
.....Sept. 23, 1914
- Sept. 24, 1914—E FORTY-THIRD AV
140 S Cabrillo S 40x120. Chas H
Burger to West Redwood Land Co
.....Sept. 22, 1914
- Sept. 24, 1914—SW POWELL AND
Brant Alley S 87-6xW 25. Angelo
Campana to Paul De Martini.....
.....Sept. 10, 1914
- Sept. 24, 1914—N FOURTEENTH 260
E Guerrero 25x105. Mary Yost to
Emil Stroth.....Sept. 17, 1914
- Sept. 24, 1914—W CAPISTRANO AVE
300E Santa Rosa Ave 33x120, Lot
32 Blk "B" Mission Terrace. Rudolph
A Hake to whom it may concern.....
.....Completed —
- Sept. 24, 1914—LOTS 10, 12, 14, 16 &
18 Blk 173 C S Alired's Sub Blks
17, 18 West End Map No. 1. C S
and Maggie L Alired to whom it
may concern.....Sept. 24, 1914
- Sept. 25, 1914—N SUTTER 81 W Taylor
N 137-6xW 56-6. Clara M Clayton,
Josephine L Struve, Edwin P
Gaffney, Geo W Livingston and
Willette H Henderson to Milliken
Bros.....Sept. 25, 1914
- Sept. 25, 1914—NW WASHINGTON &
Embarcadero W 107-2 m or 1 N 45-7
E 33-6 S 3 E 40-6 m or 1 S 54 m or
1. Water Front Realty Co to whom
it may concern.....Sept. 25, 1914
- Sept. 25, 1914—E COMMONWEALTH
Ave 445 S Euclid Ave E 155-0½ S
42-6 W 159-1½ N 40. Sophie C
Gerson to Roberts & Woolfrey.....
.....Sept. 23, 1914
- Sept. 26, 1914—W TWENTY-FIRST
Ave 100 N Loken N 25xW 120. Hedwig
S Oppenheimer to John
Flaherty and John Ogle.....
.....Sept. 24, 1914
- Sept. 26, 1914—S WATER 80 W Mason
39-6x57-6. G Molinari Co to
B Pagano.....Sept. 25, 1914
- Sept. 28, 1914—NE PALOU 150 NW
Lane NW 25xNE 100; Ptn Lot 14
Blk 308, South S F Hmstd and R
R Ass'n. Dr G E Beattie to T L
Sharman.....Sept. 21, 1914
- Sept. 28, 1914—E FORTY-SIXTH
Ave 125 S Lincoln Way S 25xE 120.
Constance I Runge to Peter M
Leonard.....Sept. 21, 1914
- Sept. 28, 1914—E KANSAS 50 S 22nd

S 25xE 100. Thos Joyce to Chas G. Anderson.....Sept. 28, 1914
 Sept. 28, 1914—N MISSION 26-11 W Farragut Ave NW parallel with SW Farragut Ave 127-11 SW 25 SE 117-11 E 26-11 Lot 6 Blk "B" Sub of Blk 13, West End Map No. 2. Edward J and Sarah Behan to Gus Carlson and B Haglin.....Sept. 26, 1914
 Sept. 28, 1914—S TWENTY-FIFTH 76-9 W Sanchez W 25xS 114. Mary Downey to whom it may concern.....Sept. 28, 1914
 Sept. 28, 1914—SE SIXTEENTH AVE & Lake 27-6x100. Auguste Ruether to O E Anderson.....Sept. 26, 1914
 Sept. 28, 1914—SE WASHINGTON & Dunbar Alley S 46xE 20. Charles Loesch to Liebert & Martinelli.....Sept. 25, 1914
 Sept. 28, 1914—W NINETEENTH AV 150 N Balboa. Dora Brady to whom it may concern.....Sept. 26, 1914
 Sept. 28, 1914—E FILLMORE 77-6 S Filbert S 30xE 87-6. R W and Geo H Schmidt to M M Finlayson.....Sept. 25, 1914
 Sept. 29, 1914—EXPOSITION SITE. Grand Trunk System to Lange & Bergstrom.....Sept. 26, 1914
 Sept. 29, 1914—N BUSH 50 W Stockton W 40 N 91-6 S 91-6. Rousseau Realty Co to whom it may concern.....Sept. 29, 1914
 Sept. 29, 1914—N THIRTIETH 205 W Church W 25xN 114. Hannah Connolly to F De Martini & Co.....Sept. 28, 1914
 Sept. 30, 1914—W SIXTEENTH AVE 178-11 N Clement N 25xW 120. Rebecca Gasque or Mrs R Gasque to Leigh & Schultz.....Sept. 27, 1914
 Sept. 30, 1914—NE SIXTEENTH AND Mission N 260xE 240. Henry Investment Co to Knowles & Reichley.....Sept. 25, 1914
 Sept. 30, 1914—S SUTTER 87-6 E Montgomery S 124-9 being pt of intersection with N line of lot of land to be occupied by building th continuing from such point of intersection S 62-7 W 25 S 83-11½ th at an acute angle and along N Market 92-5½ th at an obtuse angle N 92-6 W 50. Hobart Estate Co to Floodberg & McCaffery.....Sept. 29, 1914
 Sept. 30, 1914—N SIXTEENTH 85 E Guerrero F 25x100. Alice L Alexander to Keller & Crane. Sept. 28, '14
 Sept. 30, 1914—S MISSION 75 E Julia E 25xS 160. E McLaughlin Estate Co to Matthews & Griffith. Sept. 25, '14
 Sept. 30, 1914—NW BRYANT & MAIN N 65xW 20. M McClure to George G Moran.....Sept. 25, 1914

CONSTRUCTION WORK ABROAD.

JAPAN.

[Consul Geo. N. West, Kobe, Sept. 16.]
The Kobe Harbor Works.

This seven years ago the Kobe plan was to reclaim land for an area of 662 acres off Onohama, providing four piers and numerous other means of facilitating harbor traffic and communication, including 12 miles of railway track, at an aggregate cost of \$6,337,704, the main purpose being materially to add to the accommodation of the Kobe customhouse, and also to construct a breakwater about 3,800 feet long, at a cost of \$1,233,760.

Last year the work was pushed forward chiefly in regard to the con-

struction of quays and roads along and on the reclaimed land, the depositing of rubble for the base of the breakwater and dredging. The reclamation for No. 1 and No. 4 piers, numbering from the east, the latter being that jutting out from Kyobashi, has now been completed, and the laying out of roads and drainage has been finished on the former and nearly finished on the latter. The reclamation works on No. 2 pier have for the most part been completed, while those on the remaining pier, No. 3, have only recently been commenced. Along the east side of Pier No. 4 temporary provisions for mooring have been made, and since October 4 last, when the *Yavata Maru*, of the Nippon Yusen Kaisha, moored there for the first time, about 120 steamers have put up in the new moorings up to date. As to the long breakwater, the construction has been completed for a length of about 900 feet. Roughly speaking, a little more than half of the work has been completed up to the present; it was originally estimated that all would be completed by September, 1918.

Pier No. 1 is to be devoted to passenger accommodation, and a post office, hotel, barrooms, etc, will be erected thereon.

[General plans of the Kobe Harbor works and the breakwater may be seen on application to the Bureau of Foreign and Domestic Commerce.]

NEW ZEALAND.

[Consul General J. I. Brittain, Auckland, Sept. 15.]

Contemplated Railway Improvements.

Very important proposals in regard to new railway works in Auckland and in other parts of the Dominion are outlined in the first report of E. H. Hiley, general manager of the New Zealand Government railways, at Wellington, New Zealand. The proposals include an extensive scheme for improving the facilities in Auckland city and Province, one of the works proposed being an up-to-date railway station at Auckland.

The report also recommends the building of new railway stations and increased terminal facilities at Wellington and Christchurch, two leading cities in the Dominion. It further recommends the extensive construction of additional tracks, strengthening of bridges, building of tunnels, and new lines of railways and the erection of automatic alarm signals at crossings.

It says that the railway department is short of rolling stock, and that the North Island Main Trunk Railway, which is not only the means of communication between Wellington and Auckland but is also the main arterial line for the whole of the North Island traffic, is not suitably equipped to carry satisfactorily the business offering at present.

Purchase of New Locomotives.

Concerning rolling stock, the report says that there are no fewer than 12 engines of various types now at work which are obsolete. It is imperative that 33 of these should be scrapped and replaced at the earliest opportunity, and that the remainder should be similarly dealt with as opportunity offers. As all the workshops at which engines are manufactured in the Dominion are working at full pressure, the general manager says that he is constrained reluctantly to recommend the importation of 20 locomotives from

Time Table.

Oakland, Antioch & Eastern Railway.

LEAVE KEY ROUTE FERRY.

Leave! Daily except as noted.
 8:00A Bay Point, Diablo and Way Stations.
 9:00A Sacramento and Pittsburg only. Carries Parlor Observation Car.
 11:00A Sacramento, Pittsburg, Bay Point
 11:20A Bay Point and Way Stations.
 1:00P Sacramento, Pittsburg Bay Point
 1:40P Concord and Way Stations.
 3:00P Sacramento, Pittsburg, Bay Point
 4:00P Bay Point and Way Stations.
 4:40P Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
 5:15P Concord, Diablo and Way Stations, except Sunday.
 6:00P Pittsburg and Way Stations.
 8:00P Sacramento, Pittsburg & Way



OAKLAND, ANTIOCH & EASTERN RAILWAY

Key Route Ferry, Phone Suter 2339.
 Red Line Trans. Co., S. F. People's Express Co., Oakland.

abroad, 10 of these to be similar to the present "A" type and 10 of the Garrett type. If a contract for the "A" class were placed in America they could be delivered in a few months. It recommends the erection of a workshop at Newmarket (Auckland) for the building of locomotives, but it would take at least two years to complete the shop ready for operations. The estimated cost of this workshop is \$145,800. There are too many types of engines at present in use, and standardization is advocated. More passenger cars are required, but the report says it is not necessary at present to go outside the Dominion for them.

The number of cars available is insufficient to meet the demand, the deficiency being particularly pronounced in the case of sheep trucks. A considerable number of new cars are in course of construction in the railway workshops, and an effort is being made to relieve the position by keeping the shops fully employed.

Employment of Skilled Workmen—Cost of Improvements.

The appointment of a fully qualified assistant signal and interlocking engineer is advised, and it is recommended that application for the position be invited at an early date in Australia, the British Isles, and America, the salary to commence at £400 (£1,946.60) per annum. The staff of the signal engineer is being increased by the appointment of additional signal inspectors, signal adjusters, and linemen.

To carry out these estimated improvements a loan of \$15,795,000 is proposed, extending over a period of five years, the following amounts to be expended: First year, \$2,110,212; second year, \$4,078,962; third year, \$4,704,452; fourth year, \$2,960,712. Fifth year, \$1,911,312.

The total earnings on all lines during the past financial year was \$19,650,574, as against \$19,299,069 for the previous year. The expenditure last year was \$13,398,369, as compared with \$13,149,759 in 1912-13. Last year's net profit was \$5,652,204, as against \$6,135,229 in the previous year. The total sum now invested in the railways is \$157,158,222. The net revenue last year was equal to a return of 3.61 per cent.

PORT OF SEATTLE IMPROVEMENTS.

[Commercial Agent W. B. Henderson, Seattle, Wash.]

The harbor improvement now being made in Seattle is destined to be one of the big factors in the growth of this city. It is estimated that the work on this great project is now about 80 per cent completed, and will represent an outlay of some \$12,000,000, \$6,000,000 of which goes to the deepening, dredging, and general improvement of the waterway and the other \$6,000,000 to new docks.

For the waterway improvements the Federal Government has appropriated \$3,000,000. This work will soon be completed, and Puget Sound will then be connected through canals and locks with Lake Union, and thence with Lake Washington, thus giving Seattle a water frontage of 140 miles.

Elliott Bay, which is now the main harbor of Seattle, forms a crescent with a frontage of some 10 miles, and embraces a water surface of 3,800 acres. The big shipping, exporting, and wholesale businesses of the city lie around this convex semicircle. West Seattle has a frontage of about 14 miles, Harbor Island 8 miles, Duwamish 9 miles, Smith's Cove-West Point 9 miles, Ballard—below the lake—12 miles. The total tidewater front, including Lake Washington, which will be opened to the largest seagoing vessels, embraces 140 miles, of which 88 miles are suitable for commercial and industrial purposes. It is said of Seattle Harbor that it is the greatest commercial asset of this city. It is spacious and free from obstructions to navigation and can be entered every day of the year. Upon the completion of Lake Washington Canal the harbor will be one of the world's best havens, where ships may lie in either salt or fresh water, with no extreme of heat or cold, no ice, and no winds exceeding 35 miles per hour.

Seattle is situated with Puget Sound on the west and Lake Washington on the east, the latter a great deep freshwater lake about 20 mile in length and averaging about 3 miles in width. Topographically the floors of Puget Sound and Elliott Bay are absolutely free from all obstructions, such as rocks and bars. The depth of the bay, however, varies from 10 to 100 fathoms, and precludes anchorage except in places near the shore.

The Two Harbors.

This water frontage is divided into the outer harbor and inner harbor. The outer harbor constitutes Elliott Bay and the east waterway, which is about one-sixth of a mile long and 1,000 feet wide, and covers a water area of about 46 acres. It has been dredged to a depth of 35 feet, the excavations having been used to fill Harbor Island and adjacent mainland. The west waterway is approximately 1 mile in length and 1,000 feet wide, covering an area of about 115 acres.

One of the most important additions to this port is Smith's Cove waterway, embracing an area of about 21 acres and extending some 2,320 feet in length and 450 feet in width. This cove now has a depth of 40 feet, and the excavated material has been deposited on the adjacent portions along the waterway. The great solid pier now being constructed on Shilshole Bay is nearly 1 mile in length. The main channel is about 30 feet below the mean low

water and forms a channel of 2,100 feet wide at the bottom, which connects the Government ship canal west of Lake Washington with this bay. Other improvements of Seattle's outer tidewater harbor are being added to by dredging and canalizing the Duwamish River.

Salmon Bay—above the lake—Lake Union, Lake Washington, and the main portion of the Government ship canal, connecting Lake Union with Puget Sound, constitute the inner harbor. This is a fresh-water harbor, and when completed will be fully accessible to any ocean-going vessel that can pass through the locks. These locks are to be operated by the Government free from any charge of tolls, and are known as the large lock and the small lock. The former is 825 feet long, 80 feet wide, and 35 feet deep, while the latter has a length of only 125 feet, a width of 30 feet, and a depth of 35 feet. One parallels the other, so as to change the mode of egress and ingress provided for small craft, such as fishing vessels. When these two locks are completed and the water turned through, Lake Washington will be lowered about 8 feet and Salmon Bay above the lake will be raised about 8 feet above high tide, becoming a fresh-water lake. Shipping will thus be free from the expense and annoyance incident to the tidal range of salt water of 6 to 17 feet.

Extension of Wharfrage.

The shipping facilities of Seattle Harbor, as outlined by the port commission, consist of several new docks and wharfs for handling the large cargoes of grain, flour, fruit, and fishing products, which will cost in the neighborhood of \$6,000,000. Many of these docks are now practically completed and most of the others are fairly well under construction, with less than 50 per cent of the work remaining.

The lumber transshipment dock at Smith's Cove, which is to cost \$1,000,000, is 90 per cent complete. Its site was chosen as being more advantageous than any other available for easy transshipments, combined with large prospective industrial development. Local trade on this dock will be the secondary consideration, as it was designed to keep this for the particular class of traffic, the site being on the public waterway.

The pier for this dock is 310 by 1,705 feet on the west side and 7,608 feet long on the other side, thus forming practically a double pier—there being a wharf on each side of the depressed tracks.

The coastwise and warehouse docks at Stacy, where an expenditure of \$1,000,000 was made, are completed and already in use. The Bell Street dock and warehouse, costing another \$1,000,000, will be ready by March 1, 1915; one shed is already in use. The Hanford dock and grain elevator, with an expenditure of \$1,000,000, is about 50 percent completed, while the fruit dock and cold-storage terminal is the farthest behind. When it is completed it will have cost \$1,000,000. The Salmon Bay transshipment and shipping terminal, costing \$500,000, is about three-fourths completed.

There are seven great trunk railway lines in Seattle, all of which have terminals around the bay in close proximity to the great docks and piers along the harbor, from which 50 steamship lines ply to all parts of the world.

A SHIPBUILDING PLANT IN CHINA.

(Shanghai General Trade and Shipping Company.)

The Shanghai Dock & Engineering Co. is building the largest vessel ever constructed at its yard—a \$72,000 steel hull for the United States Government, to be used in the Philippine Islands. The dimensions of this vessel are as follows: Length, 362 feet breadth, 50 feet depth, 26 feet. The capacity of the hull is 6,000 tons and the vessel is fitted with single-screw auxiliary machinery, patent coal-bunkering elevators, and automatic weighing machines.

Chinese Mechanics at Fifty Cents per Day.

This shipbuilding company has a capital stock of about \$5,000,000 and has been paying 6 per cent dividends thereon.

The Chinese mechanics employed are quite satisfactory and receive 50 cents per day, while the ordinary coolie receives approximately \$5.50 per month. As the result of cheap and comparatively efficient labor this company has been able to compete successfully with Japanese shipbuilding concerns in bidding for independent shipbuilding contracts throughout the Far East.

During the present year the company erected two shallow-draft gunboats, the *Monocacy* and *Palos*, for use by the United States Navy Department on the upper Yangtze River. The dimensions of these gunboats are as follows: Length, 165 feet, breadth, 24½ feet; draft, 2½ feet.

These vessels are the first of this type to be utilized by the United States Government for the purpose stated. The vessels were originally built at the Mare Island Navy Yard and after wards dismantled and shipped to Shanghai and assembled here by the Shanghai Dock & Engineering Co.

In addition to the above many other vessels have been constructed at other Far Eastern ports for use in the Philippines.

DAM WRECKED BY HIGH WATER.

LEWISTON, Trinity Co.)—A cement dam just completed across Trinity River, a mile above town, by the Horsehoe mining camp, at what is called the Tunnel Mine, was wrecked by the first high water of the season, with a loss of \$10,000.

The dam was 400 feet long and twenty-two feet high in its highest place.

Half of it was built last season and the rest of it was being built this season. The new part was not firmly connected with the old part.

For a distance of 200 feet the new part was stripped by the high water from the old part.

Several thousand sacks of cement dam were used in the construction of the

The Electrical World describes a sheet-metal case with an opening at the top through which an electric blower forces hot air to dry the hands. The device is to displace the insulating towel for multiple use. A foot pedal controls the operating switch.

The Corocoro railway, a branch of the Africa to La Paz line, to the Bolivian mining center of Corocoro, has been opened to traffic.

WERE THE FIGURES.

Isn't it nearly time to "gun that bunk" about the "extravagance" of the Johnson administration? It has been disproved so many times that it is an abuse of the patience of the people to discuss it further. But, having nothing else to say which they dare say, the opponent and the stalking horse still continue to purvey it. So, here for once more, are the facts.

The Johnson administration did cost more than its predecessors, as each of them had cost more than its predecessors, but the increase was nowhere near as much as these figure-jugglers claim, and it did not go where they insinuate it did. It did cost more, \$7,966,155.68 more, in fact. Here are the exact figures of total general and special appropriations of the past three administrations:

Pardee	\$18,855,142.16
Gillett	24,767,077.77
Johnson	32,416,233.45
Less cash revolving fund.	683,000.00

Net Johnson

Net Johnson	\$32,733,233.45
Increase	7,966,155.68

Now, where did this \$7,966,155.68 go? Well, here is where most of it—\$7,192,070, to be exact, went. Go over the items carefully, and see which you would cut out, if you could. The items marked "increase" merely show the excess of appropriations over similar appropriations in the preceding administration.

Here are the figures:

R. R. Commission (increase)	\$52,000.00
Free text books.....	310,000.00
Agricultural College (inc.)	732,000.00
Civil Service	50,000.00
Board of Control	192,000.00
University of California (exclusive of agricultural department) increase	868,000.00
Buildings for Hospitals, 1911	600,000.00
Idaho, 1913	\$90,000.00
Presno Normal	235,000.00
River control	400,000.00
Santa Barbara Normal.....	170,000.00
Buildings, other Normals.....	420,000.00
Training School for Girls.....	200,000.00
Prison buildings	318,000.00
Reform School buildings.....	162,000.00
Buildings, other state homes	122,030.00
San Diego Exposition.....	250,000.00
Los Angeles Exposition.....	60,000.00
State Library (increase).....	75,000.00
State Agricultural Society (increase)	50,000.00
Industrial Accident Board.....	263,070.00
Viticultural Commission.....	15,000.00
Rural Credits	4,000.00
State Dairy Bureau (increase)	25,000.00

Total

Total	\$7,192,070.00
Total increase	7,966,155.68

Net increase

Net increase	\$ 773,085.68
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These are the figures of the State Board of Control.

They account for \$7,192,070 or all but \$773,085.68 of the total increase, leaving only this residue to cover the natural increase in general expenses, due to the increase of population and industries in the state. Of course this is not near enough. The rest had to be made up by savings. If the state had done no new things these four years, if it had merely gone on doing the old things, practically all the extra cost of doing those things in a growing state would have been met by the saving of doing those things in a new and more

economical way. As it was, the natural growth was in fact met by savings, plus this \$773,085.68 of extra appropriations, and all the remaining increase, amount—

THE CARNIVAL.

Oh, the autumn tide is the carnival tide.

And what shall the carnival wear? Shall it be the blue of the haze-hung skies

That is blent with gold and with topaz dyes?

Shall it be the pied soft green that lies On the meadow slope and the mountain side.

Shimmering far and fair?

Nay, none of these for the carnival tide, For red is the carnival wear!

And never a redder carnival shone Than now where the San and the Aisne flow on.

In the red of the eve, in the red of the dawn,

And the war fires rule and the thunders ride

Under the autumn air! Of what avail is this carnival tide.

This blood red carnival wear, These carnival lines that rock and reel

And eddy and sally and meet and wheel And break like a surge on a shore of steel?

Ay, what, when the doom-led men have died,

Does the King of the carnival care?

—Clinton Scollard.

William Penn. in his Charter of Rights, provided that for every five acres of forest cleared one acre should be left in woods. Foresters today maintain that on an average one-fifth of every farm should be in timber.

MINOR JOBS ABOUT TOWN.

822 Noe, repair porch; owner, F. P. Landon, Premises, contractor, E. C. Hulet, 120 Burnett Ave., cost, \$100.

2346 Howard; add porch; owner, J. C. Benedens, Premises; cost, \$180.

1114 Divisadero; concrete floor; owner, H. Anixter & Sons; contractor, California Concrete Co., cost, \$175.

1731 Clay; electric sign; owner, M. Rose, Premises; contractor, Brumfield Elec. Sign Co., 18 7th; cost, \$100.

3073 22nd; change front; owner, Mike Landers; cost, \$154.

283 Geary; minor additions; owner, Schussler Bros., Premises; contractor, Robt. G. B. Black, Alameda; cost, \$265.

308 Kearny, alter front; owner, Hin & Co., contractor, J. Kusich; cost, \$150
1544-46 Fillmore, add mezzanine floor; owner, A. Simos, Premises, cost, \$250.

1025 Green; one-story frame garage owner, L. Butler, Premises; cost, \$180
815 26th and Alabama; reshingle dwelling; owner, A. Corbett, Premises, cost, \$165.

1325 Irvine, add porch; owner, Geo. J. Steiger, Premises; cost, \$100.
2011 20th, raise and underpin dwlg., owner, John Phelan, Premises; contractor, J. Pry, cost, \$275.

1750 11th Ave.; alter dwelling; owner, Mrs. Foss, Premises, contractor, W. Haskins, 2023 Anza, cost, \$100.

1702 Fillmore, electric sign; owner, J. Goodman, Premises, contractor, Federal Sign System, 257 8th; cost, \$250.

3174 Clay, add porch; owner, A. H. Martin, Premises, cost, \$205.

2663 Mission alterations, owner, C. Kutz, 1200 Dolores; cost, \$250.

3222 Buchanan; alter dwelling; owner, Mrs. Sweeney, Premises; contractor, Ferguson & Son, 1739 Union; cost, \$250.

537 Market; electric sign; owner, Walter Real Estate Co., Premises; contractor, Novelty Elec. Sign Co., 165 Eddy; cost, \$200.

554 London; alter and raise dwlg.; owner, Mrs. W. Herbers, Premises; cost, \$100.

1335 3rd Ave.; concrete floor; owner, Mr. Lewis; cost, \$165.

S Filbert 260 E Hyde; alter and add to dwelling; owner, Mrs. Spalsbury, Premises; contractor, J. D. Bell, 549 Pacific Bldg.; cost, \$250.

531 11th Ave.; enclose porch; owner, M. T. Simpson, Premises; contractor, T. Mowat, 2135 Market; cost, \$150.

8 Geary E Octavia; reshingle roof; owner, First English Lutheran Church, Premises; cost, \$284.

707 Clement; alter front; owner, J. J. Stokes, 1146 Clement; contractor, G. W. Dougherty, 1146 Clement; cost, \$250

121 Juniper; repair fire damage; owner, Mrs. Berger, Premises; cost, \$100.

FINISH CONDUIT FOR ELECTROLIER SYSTEM.

LINDSAY, Tulare Co.—The conduit work for the city's new electrolier system is now completed. Five thousand three hundred feet of cable work was completed yesterday in eight hours. The cable is of No. 6 copper wire, with a heavy insulation of rubber, asbestos and lead, making the conduit both water and fire proof. It is expected that the lights will be ready for use by the time the paving is completed.

DIAMOND MATCH LUMBER CUT.

CHICO (Butte Co.), Oct. 27.—When the Diamond Match Company logging camps close down sometime between November 10th and 15th, it is estimated, by V. S. Woolley, Pacific Coast manager of the company, that \$7,500,000 feet of lumber will have been the output for the season.

This is slightly under the average season's cut of 40,000,000 feet. The mill will close down as soon as the logs in the pond have been run.

BUSINESS IS GOOD.

To show that business is good in San Francisco, especially in the building line, we call attention of our readers to the totals of the Building Department of the Board of Public Works. Yesterday between the hours of 10.30 A. M. and 4.20 P. M. there were 45 applications filed, the cost of these improvements being estimated at \$125,000

Six thousand bushels of lodgepole pine seed are being collected this fall on the Arapahoe national forest, Colorado, for use in reforestation work next spring.

The fellow who always says just what he thinks is the one who's always in trouble.

Officers of the Okanogan national forest in the state of Washington are installing powerful signal lanterns for night use in reporting forest fires from lookout peaks.

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Fourteenth Year, No. 45

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building,
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Editorial Comment.

What with the war in Europe and the election in California, the prospect of the state going dry and half a hundred other amendments to vote on, the month of October has been one of excitement even if business has been dull. Now that the election is over and things remain substantially as they were builders naturally look for prospects for business and what the outlook is for work for the coming months.

Everything considered the month of October has been pretty good for San Francisco. Permits and contracts for the month amounted to \$2,570,013, and to this may be added the contract for the Twin Peaks tunnel, which amounted to \$3,372,000, making in all a grand total of \$5,942,013. Segregated under several headings the figures are as follows: Brick and concrete, \$355,912; frame construction, \$960,568; alterations and additions, \$166,944. Total for private construction, \$1,483,424. To this is to be added Panama-Pacific construction, \$584,257; city buildings, \$144,722; street and sewer work, \$6,161; State work within the city, \$338,664; U. S. Government work, \$12,785, and the Twin Peaks tunnel contract, \$3,372,000.

Compared with other years the record of the month of October is as follows:

October, 1905	\$1,490,510
October, 1906	6,836,331
October, 1907	4,980,508
October, 1908	3,032,047
October, 1909	2,083,355
October, 1910	1,772,952
October, 1911	1,928,826
October, 1912	1,918,839
October, 1913	2,152,909
October, 1914	2,570,013

It will thus be seen that exclusive of the Twin Peaks tunnel the total for the month is greater than any year since 1908. The new war tax goes into effect in December. Things are now adjusting themselves to the changed conditions. The coming months should witness a return of confidence and more activity in building lines.

THE CASE OF BELGIUM.

W. A. White in the Emporia Gazette.
One of the most perfect specimens of the complete standpoint mind is found under the alabaster brow—or is it perhaps ivory?—of our handsome friend, Charles F. Scott of Iola. Mr. Scott in a recent editorial took the position that Belgium might have done better than they did by fighting and meeting defeat, if they like Luxemburg, had permitted Germany to pay Belgium for

the privilege of crossing Belgian territory. Mr. Scott very succinctly puts it that a dead hero is not comparable to a live citizen who is not so heroic.

That, fundamentally, is the reasoning of the standpoint mind. Now it seems to us that the sturdy example of the fighting Belgians, dying for what they believe is right, standing by their pledge of neutrality and refusing to accept bribe or ransom to betray their allies, the Dutch, the English and the French, who were depending upon Belgian neutrality—it seems to us that the sturdy example of the Belgians is worth more to the world than all the money piled up for ransom could do for the civilization of Belgians. Moreover, if all the Belgians but one man were killed, he would be worth more for breeding purposes to the world, and would pass to posterity a stronger, worthier line in blood and tradition than all the living bribed Belgians would be worth if they had taken the money.

Of course, there is right on both sides of the controversy. History is filled with justification for either side—the man who stands compromising with Erasmus, or the man who nalls the theses to the door, like Luther; the man who sees the truth and turns away like the rich young man of the parable, or the man, like the great and good St. Francis, who goes out naked to give his life to the world.

But of all the examples of history, it seems to us the example of the great Young Jew is the best. He saw his native land oppressed and tax-ridden. He saw his religion the refuge of grafters who used the temple to line their pockets. He saw the alliance between the high priests and the alien politicians, and he saw Rome rising like a great menace to liberty in the earth. He seems to have been pretty well over the world and to have come back in his early thirties schooled in public speaking, keen and wise in world wisdom. He could have gone into politics, joined the two old parties, the Romans and the Pharisees, reformed his country from the inside, and he could have been a great prophet, a great giver of the law, a real liberator. But he was infinitely wise. He chose to give his life. So he saved the world. It took faith—the greatest faith that man ever has shown. But his faith has been justified.

Belgians had exactly the young Jew's choice. They could have gone into the German empire and could have made their country great. But they gave their lives—and are helping to save the world.

REMOVAL NOTICE.

E. T. LEITER & SONS, Contractors, have moved to 351 Post Street.

Lime, Its Composition, Manufacture and Properties.

Abstract of Paper in Concrete Cement
Age.

By Richard K. Meade.

The use of lime as a binding agent for brick, stone and other material dates back into antiquity, and what people first employed it and at what early time it was discovered are not known. It is fairly certain, however, that it was the first binding material other than clay used in masonry construction. It is found between the stones of what remains of a very ancient temple on the island of Cyprus, supposed to be the oldest ruin in the world, and the walls of many ancient structures were held together by lime and sand mortar.

Lime is made, as nearly every one knows, by burning limestone. This latter mineral, consists of carbonate of lime or, as the chemists would call the latter compound, "calcium carbonate." Limestones, however, are more or less impure and always contain some carbonate of magnesia, silica, oxide of iron and alumina mixed in with carbonate of lime. A good high calcium limestone will contain less than 2 per cent of such impurities. Carbonate of lime in its turn is composed of lime, or, as the chemists term it, "calcium oxide," and carbon dioxide. Calcium oxide is composed of the metal calcium and oxygen, while carbon dioxide is composed of carbon and oxygen.

Reactions in Manufacturing.

When we heat carbonate of lime to a temperature above 1,700 degrees Fahrenheit it breaks up into carbon dioxide, which, being a gas, passes off, and lime, which, being a solid, remains behind. For every 100 pounds of carbonate of lime we shall have produced 44 pounds of carbon dioxide and 56 pounds of lime.

Limestone, as we have said, is composed of more or less pure carbonate of lime. The principal impurities are silica, iron oxide, manganese and alumina. Mixed with the carbonate of lime is always some carbonate of magnesia, the amount varying from a trace to about 45 per cent. This carbonate of magnesia should not be considered as an impurity, however, since it is decomposed by heat, just as carbonate of lime, into magnesia and carbon dioxide. The magnesia which remains in the lime confers on it certain valuable properties and increases its usefulness for some purposes.

When limestone is heated to a red heat it is decomposed, gives off its carbon dioxide and leaves a residue consisting of lime and magnesia mixed with the impurities in the limestone. These impurities, as has been said, consist of silica, iron oxide, alumina and manganese (which must not be confused with magnesia). These all exert more or less influence on the properties of the lime and particularly on its color. The purer the lime is the better, and hence the purer the limestone, the better lime it will make. The blue and gray color usually associated with limestone is caused by the presence of organic matter in the latter. This organic matter burns when the limestone is heated, and

hence the color of the limestone is not often any indication of the quality of lime it will produce. Some nearly black limestones burn to a white lime. Lime always contains a much higher percentage of impurities than the limestone from which it was produced, and a limestone containing 2 per cent of impurities will produce a lime containing over 3½ per cent impurities.

Magnesium carbonate is present in limestone in quantities varying from a mere trace to 45 per cent. In the latter case the limestone is known technically as dolomite, and limestone containing a high percentage of magnesium carbonate as magnesian or dolomitic limestone, and the lime resulting from the burning of such limestones is known as magnesian or dolomitic lime. Generally speaking, it may be said that dolomitic limes are preferred for plastering, because they spread more easily, although both kinds are used, while for agricultural purposes the high calcium limes are preferred.

The National Lime Manufacturers' Association has officially adopted the following classification for limes based on the amount of magnesia which they contain:

High calcium lime contains 0 to 5 per cent magnesia.

Magnesian lime contains 5 to 25 per cent magnesia.

Dolomitic lime contains 25 to 45 per cent magnesia.

Super-dolomitic lime contains over 45 per cent magnesia.

Uses of Lime.

Lime is employed for many purposes besides building. Among these may be mentioned its uses as a fertilizer, for water softening, for purifying coal gas, in tanning leather, in the manufacture of sugar, wood paper-pulp, glass, calcium carbide, bleaching powder, lye and many other chemicals. For most of these purposes a high calcium lime is required, although both kinds are used for fertilizer, and dolomitic lime is preferred for wood pulp manufacture. For all of these purposes the value of the lime increases with its purity.

The presence of very small amounts of iron tends to color the lime red or yellow, while manganese makes it gray or black. Silica decreases the plasticity of lime and also its sand-carrying capacity, but alumina, on the other hand, increases both of these properties. When lime is to be used for building purposes, other than for plaster finishing, and for chemical purposes, it may contain quite a large amount of impurities, and many limes find extensive local use which contain from 5 to 10 per cent impurities. Some of the lime sold locally for fertilizer is very impure, containing often only 65 per cent lime. Where lime is shipped any distance, however, it is usually quite pure.

Lime is made extensively along the Atlantic seaboard from oyster shells, which are composed of carbonate of

lime (as are all shells) and are quite free from impurities.

Lime in Building Work.

Lime owes its use in building to the fact that when it is mixed with water it combines with some of this latter to form calcium hydrate or slaked lime. When this latter is mixed with sand and used as a mortar, the lime absorbs carbon dioxide from the air to form again carbonate of lime, the substance from which it originally was made. So it will be seen that in the manufacture and use of lime we have a complete cycle of events. Starting with limestone or calcium carbonate, we decompose this into carbon dioxide and lime, and this lime in turn, when made up into mortar, reabsorbs carbon dioxide, which is always present in the air, and reverts back to calcium carbonate or limestone. Magnesia absorbs carbon dioxide just as does lime, and hence it, too, acts as a binder.

High Calcium Lime and Magnesia Lime.

A high calcium lime slakes very quickly and generates considerable heat, and unless great care is exercised in its slaking it is apt to "burn." This is occasioned by uneven distribution or slow mixing of the water and the lime. A magnesian lime, on the other hand, slakes more slowly and with evolution of much less heat and there is no danger of burning, but time must be given it to hydrate thoroughly. Both limes increase in volume on slaking, the swelling being most marked in the case of the high calcium limes. On the other hand, both limes decrease in volume when they harden in the work, the shrinkage being least with the magnesian lime.

Magnesian mortars generally work more smoothly and spread more freely under the trowel than high calcium limes. They are hence generally preferred by plasterers. The high calcium limes, on the other hand, give a larger volume of "putty" and carry more sand, so that when they can be used they are often cheapest. Magnesian limes are generally considered stronger than high calcium. The actual crushing strength of 1:3 sand-lime mortar, mixed by weight, is approximately 100 pounds per square inch at the end of one year.

Air Slaking of Lime.

If lime is left in the air it will absorb water and carbon dioxide from the latter. The lumps fall to pieces and the lime is said to "air slake." Such lime is ordinarily considered worthless, as the absorption of carbon dioxide simply converts it back to limestone. How badly spoiled such lime is will depend entirely on how much carbon dioxide has been absorbed. Unquestionably when the lumps begin to crumble the lime product has simply taken up water and hence is merely dry water-slacked lime and similar in composition to hydrated lime. After a time, however, it is completely changed to the car-

bonate, when it is worthless. Crushed lime will keep much longer than lump lime, as the air cannot get to all parts of it as well.

Lime is often sold by the "barrel" and the "bushel." Owing to the fact that the lime is in lumps, which vary greatly in their relation between weight and volume, both units are uncertain and not only vary with the locality but also even with the brand of lime. The bushel generally weighs from 35 pounds to 90 pounds, with about 80 pounds as an average, and a barrel of lime from 150 pounds to 350 pounds. Generally a barrel is considered as 200 pounds.

The production of lime in this country amounts to about 3,500,000 tons annually, and the average price is about \$1 per ton. Pennsylvania and Ohio are the largest producers. About 45 per cent of the lime manufactured goes to the building trade, and about 17 per cent to the farmer, while of the balance the chemical works, sugar factories, paper mills and tanneries consume the larger share.

NEW YORK ARCHITECTURE.

New York is no less cosmopolitan in its architecture than in its population. Crowded together with the narrow boundaries of Manhattan Island will be found examples of every recognized architectural style, and many which are not, often in violent contrast to each other. A little search will reveal many interesting corners, sometimes a block or more of buildings which might have been transplanted bodily from some foreign city.

Many of these reproductions have been carried out with great fidelity and the illusion of being in a foreign city is perfect. New York's skyline is composed of line borrowed from several countries, contends a writer in the New York Sun. It is almost impossible to walk for a block on any street without meeting with some hint in the facades of the many countries from which the population is drawn. The styles are besides borrowed from many periods, many of them very ancient, so that the famous cities of the past as well as the present are represented.

There is more than a hint of ancient Rome in several New York streets. The colonnade of the new post office, for example, with its full score of great columns, would have been worthy of Rome at its height. The colonnade has been carried out with a classic severity and correctness which would doubtless have won high praise from Roman critics. The colonnade before the new municipal building, although of somewhat more modern line, would have looked well facing the Roman forum.

No city has probably exerted a greater influence upon New York's architecture than Paris. In many sections of the older city the mansard roof, or some adaptation of it, lends the air of Paris roof lines to entire blocks. There are hundreds of examples of modern Parisian architecture in all parts of the city. Many of the newer apartment houses and hotels might have been transplanted bodily from Paris, so closely do they follow the originals. Scores of examples might be sighted of doorways in the newer office buildings, hotels and

apartment houses, which exactly reproduce Parisian originals. The beauties of the French chateaux have also been freely borrowed. A famous chateau has been almost perfectly reproduced on Riverside drive, and the surrounding lawns and trees complete the picture.

The influence of London on New York's architecture has naturally been great, although less than that of Paris. Half a century ago many blocks of houses were built exactly reproducing London. One of the most interesting of these will be found in a narrow street in Greenwich village which might have been transferred intact from Whitechapel. The bracket lanterns and the absence of a cornice of any kind give the block a surprisingly foreign appearance. In the neighboring streets and squares of Greenwich village one could easily imagine himself in London of the past generation. Several of the smartest shops on Fifth avenue and the side streets are closely copied from originals in Bond or Regent street. The skyline of New York is broken by scores of church spires more or less in the spirit of Sir Christopher Wren, and almost all the church architecture strongly hints English originals.

The Italian influence is clearly shown in many of New York's newest residences on the upper East side. The general design of famous originals, especially in Milan, has been freely used.

It is surprising that New York, because of its Dutch ancestry, has not more of the architecture of Holland, either ancient or modern. The original town of New Amsterdam has, of course, long since disappeared. In recent years, however, an attempt has been made in several parts of the city to introduce the architecture of modern Holland.

PROGRESS OF AGRICULTURAL EDUCATION IN AMERICA.

During the past ten years the number of students taking the full four-year course in agriculture in American agricultural colleges has increased from about 2,500 to 12,500, or 500 per cent. The number of white students registered in short or special courses has doubled in the same period, amounting now to about 11,000. Since 1910 the yearly number of graduates in agriculture has increased from 708 to 1,384, and the number receiving advanced degrees from 74 to 164. The aggregate revenues of the land-grant colleges have about tripled, while those of the experiment stations have more than tripled. The men on the staffs of the experiment stations have increased from about 750 to about 1,600, and the number of those doing no teaching from 375 to 925. An especially notable development of the last decade has been the growth of agricultural instruction in secondary schools. In 1903 very few secondary schools gave such instruction, while at present over 2,000 do so. Remarkable progress is also to be noted in agricultural extension work, outside of that carried on in farmers' institutes. There are now 1,300 men employed as state, district and country agents, and as boys' and girls' club workers. The operations of the Smith-Lever Act will greatly increase this class of work. The above

figures are quoted from a recent address by Dr. A. C. True, director of the United States Office of Experiment Stations.—Scientific American.

EFFECT OF ROAD IMPROVEMENT ON ADJACENT LAND VALUES.

WASHINGTON, D. C., Nov. 6, 1914.—The following cases showing the relation between improved roads and adjacent land values are cited by the specialists of the Office of Public Roads in the United States Department of Agriculture Bulletin No. 136.

Manatee County, Florida, built 64 miles of macadam and sh-ll road. From 1911 to 1912 land on the road increased in value \$20 per acre, and land a mile away from the road showed an increase of \$10 per acre.

Spotsylvania County, Virginia, improved 41 miles of road and land which formerly sold on an average of \$24.74 changed hands within three years at an average of \$44.74 per acre.

In Dinwiddie County, Virginia where 125 miles of road were built, land between 5 and 10 miles from Petersburg advanced on an average from \$15.25 to \$30 an acre in about 15 instances, while land 10 miles from town increased on an average, in 16 cases, \$16.32 an acre.

In Franklin County, New York where 124 miles of road were built, eight pieces of land selected at random showed an increase of 27.8 per cent after the improved roads were built while in Lee County, Virginia, which built 84 miles of road, land similarly advanced 25 per cent.

SCHOOL ATTENDANCE.

The construction of the bond-built highways in several of the counties herein mentioned has been of decided benefit to school attendance. In Spotsylvania County one consolidated school replaces three one-room schools and another consolidated school is planned. In Dinwiddie County school attendance increased 17 1-2 per cent in one year on the improved roads, and several school wagons carrying 24 pupils each have been put in service. In Lee County school attendance along the improved roads shows an average of 71 per cent against 62 per cent along other roads. In Wise County, Virginia several successful school consolidations have been effected since 1909. The Pole Bridge School in this county on the road from Coburn to Wise replaces four one-room schools.

APPROPRIATIONS WANTED BY BOARD OF PUBLIC WORKS FOR STREET IMPROVEMENTS.

At the regular meeting of the Board of Public Works last Friday the following appropriations were asked of the Supervisors for street improvements to be done in the City and County:

Union street, from Franklin to Gough \$275 for construction of side walks.

Chestnut street, from Webster to Laguna, \$525 for paving at railroad tracks.

Stockton street, from California to Pine, \$1000 for repairing street.

Russia avenue and Mission street, reconstruction, \$250.

The Board also accepted the street work done on Anza street from 41st to 42nd avenue.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house and stores, 3 story and base, brick and frame, \$50,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of Sixth and Shipley streets and will cover a large ground area. There will be four stories on the first floor besides the entrance. Upper floors will be divided into 71 suites of two rooms each. Interior will be finished in pine and redwood. There will be private baths and wall beds. Plans provide for steam heat, elevator service and a hot water supply. The Fess system of oil burning will be used. Bath rooms will have tile wainscot and composition floors. Patent store fronts will be used. Marble wainscot is specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected at the northeast corner of 6th avenue and Irwin streets and has been designed to contain nine apartments of two, three and four rooms. Interiors will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water supply. All suites will have wall beds, Marshall-Stearns being specified. Bath rooms will be finished in tile and will have composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster, shingles and half timber. Plans are complete and segregated figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$26,000. Architect, none. Owner, E. A. Schmidt, 1484 Harrison street, Oakland. The building will be erected on the north side of 40th street east of Telegraph avenue, and has been designed to contain a total of sixty-six apartments of two and three rooms. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PORTLAND, ORE. Apartment house, 2 story and base, brick, \$20,000. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owners, Commonwealth Realty Co. The building will be erected on Sandy Road,

having a frontage of 44 feet and a depth of 95 feet. There will be a total of 16 suites of two and three rooms. The three-room apartments will have two disappearing beds and the other apartments one. Interiors will be finished in pine throughout. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Each apartment will have a private bath. Exterior of the building will be faced with pressed brick. Plans are prepared and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base frame, \$21,000. Architect, Charles H. Skidmore, Foxcroft Bldg., S. F. Owner, Maud Warwick. The building will be erected at the southwest corner of Sacramento and Webster streets, covering an area of 36 by 72 feet and has been designed to contain twelve suites of two and three rooms. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms. Plans provide for steam heat and a hot water system. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the baths. Entrance will be finished in marble. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and in the hands of H. C. Warwick, Hearst Bldg., who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on Page street and has been designed to contain nine suites of three and four rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. All apartments will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house and theatre, 3 story and base, brick and steel. Cost not stated. Architect, Charles M. Moffet, San Fernando Bldg., L. A. Owner, A. Duparaul. The building will be erected at the corner of Washington and 5th avenue, covering an area of 75 by 150 feet. Ground floor will be arranged to contain a theatre seating 500 people and six stores. Upper floors will contain eighteen suites of two rooms each. There will be wall beds and private bath rooms. Interior will be finished in pine with some ornamental plaster in the theatre. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and

base, frame, \$15,000. Architect, none. Owner, Dr. Mack. Contractor, G. B. Schuler, Sunset Boulevard and Gardner street, L. A. Contract price, \$15,000.

BANKS

BERKELEY, ALAMEDA CO., CAL.—Bank alteration, 1 story and base, brick, \$10,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Homestead Savings Bank. The building is located at 2270 Shattuck avenue and will undergo extensive repairs. Included in the work will be complete new fixtures, hardwood trim, plumbing, electric work, plastering and painting. New vaults and vault doors will be required. Plans are being prepared and figures will be taken shortly. Further mention will be made of the work.

BONDS.

AUBURN, PLACER CO., CAL.—Attorney General U. S. Webb holds that the Roseville Union High School bonds of \$40,000 and the Auburn Grammar School bonds of \$45,000 are valid in spite of the fact that the attorneys for Torrence, Marshall & Co. found slight technical errors in both of the issues and turned them down.

It is probable that the bids will be readvertised for the sale of both issues.

WOODLAND, YOLO CO., CAL.—By a vote of 1,120 to 134 the bond issue of \$100,000 for a new grammar school or schools, as the Trustees may decide was authorized at the election held October 30th.

Work on the plans will commence immediately by Architect W. H. Weeks, 75 Post street, San Francisco. **LOS ANGELES, CAL.**—Sealed bids will be received by H. J. LeLande, County Clerk of Los Angeles County, until November 16th for the purchase of the Los Angeles County Irrigation bonds No. 2, in the sum of \$15,000. Proceeds will be used in the erection of buildings for contemplated water works and the laying of pipe lines.

EL CENTRO, IMPERIAL CO., CAL.—The Railroad Commission has rendered a decision authorizing the Holton Power Company to issue \$200,000 face value of its 6 per cent first and refunding mortgage gold bonds at not less than 80 and accrued interest. The proceeds of the sale will be used by the company for various additions and betterments to its plant, including a transmission sub-station at El Centro to cost \$45,000, and a transmission line from El Centro to Seeley and Dixieland to cost about \$12,078.

COLTON, SAN BERNARDINO CO., CAL.—An election will be held in the Colton School District on November 15th for the purpose of voting bonds in the sum of \$80,000 to raise funds for the erection of a new school building on the Lincoln School site, on

Seventh street between D and E streets.

Mrs. Seth Harley, F. H. Prichard and E. G. Palmer are the Colton school trustees.

CORONADO, SAN DIEGO CO., CAL.—School bonds in the sum of \$65,000 for the proposed new high school building for Coronado were defeated on October 27th by a large majority.

SAN FRANCISCO—City Hall bonds to the amount of \$226,000 of \$1,000 denomination; \$210,000 Municipal Railways of \$500 denomination, and \$105,000 of the same of \$100 denomination, are now being sold over the counter by City Treasurer John E. McDougald. The price fixed was par and accrued interest.

LOS GATOS, SANTA CLARA CO., CAL.—The Town Board has passed an ordinance to issue bonds in the sum of \$6,000 for the purchase of additional fire apparatus.

SUSANVILLE, LASSEN CO., CAL.—A special election will be called on Monday, November 23rd, on two separate bonding propositions—one to issue \$50,000 to acquire or build a water system, and another to issue \$10,000 for street and bridge improvements, if the resolutions now pending before the City Trustees is adopted.

FAIRFIELD, SOLANO CO., CAL.At a meeting here the Supervisors of Solano County authorized County Treasurer George Weniger to purchase \$100,000 worth of the State Highway bonds.

This will be \$225,000 of the bonds purchased by Solano County, \$150,000 having been taken six months ago, and in another six months another \$100,000 will be taken.

MODESTO IRRIGATION DISTRICT, STANISLAUS CO., CAL.—Bids will be received by the Board of Directors of the Modesto Irrigation District, Modesto, until December 14th, for the sale of bonds in the sum of \$555,000, bearing interest at the rate of 6 per cent.

Proceeds of the sale will be used in the making of improvements in and about the district. C. S. Abbott is secretary of the district.

BRIDGES AND DAMS.

SAN RAFAEL, MARIN CO., CAL.—Bridge, concrete construction, \$4,100. Engineer, County Engineer, San Rafael. Owners, Marin County. The Supervisors have rejected all bids submitted for the construction of a concrete bridge across San Antonio creek on the Red Hill road. The estimated cost of the bridge was \$4,100, but when bids were opened they ran as high as \$5,800. The building of the bridge has been postponed until the early part of next year.

RICHMOND, CONTRA COSTA CO., CAL.—Wharf construction, timber. Cost not stated. Engineers, Haviland & Tibbitts, Alaska Commercial Bldg., S. F. Owners, Town of Richmond. Haviland & Tibbitts, harbor engineers, have completed plans and specifications for the outer wharf to be constructed in this city. The plans call for the construction of a wharf 800 feet long and 90 feet wide. On the approval of the plans by the City Council bids will be called for.

EVERETT, WASH.—Wharf, timber pile. Cost not stated. Engineer, Chief Engineer, Great Northern Railway, St.

Paul. Owners, Great Northern Railway Co. Plans for a large timber and pile wharf to be constructed at the company's waterfront yard have been completed and approved. Bids will be called for at once. Full particulars can be secured by addressing the company's engineer in charge of the work at Everett.

VANCOUVER, WASH.—Jetty work, \$100,000. Engineers, Port of Vancouver Commission, Vancouver. Owners, Town of Vancouver. Plans have been completed and bids will be received by the Commission until 2 p. m. Monday, November 16th, for the immediate construction of a jetty to extend from the Oregon shore line into the Columbia River at an angle of 45 degrees. The structure is to be approximately 2,400 feet long, of pile and timber construction. Alternate bids will also be received for the different parts of the work in separate contracts as follows: Furnishing piling, driving piling, framing, furnishing lumber, spikes, etc., and for furnishing and placing rock. The cost of the improvement or the amount appropriated for the work is not given, but according to a very conservative estimate made by a local engineer, a structure of this character would cost about \$100,000. W. B. DuBois is secretary of the Commission.

Contracts Awarded.

WOODLAND, YOLO CO., CAL.—Bridge, timber and concrete, \$14,000. Engineer, Knights Landing Irrigation District. Owners, Knights Landing Irrigation District. Contractors, Jenkins & Wells, Sacramento. Contract price, \$14,000.

CHURCHES.

SAN FRANCISCO—Church, 2 story and base, brick and steel. Cost not stated. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Third Church of Christ, Scientist. It has been announced that owing to a lack of funds this building will not go ahead until after the first of the year.

OAKLAND, CAL.—Church, 1 and 2 story, brick and concrete, \$75,000. Architect, William A. Newman. David Hewes Bldg., S. F. Owners, Second Church of Christ, Scientist. The building will be erected at the corner of 34th and Elm streets and has been designed in the classic style. There will be a main auditorium and several class rooms. Interior will be finished in pine and ornamental plaster. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will shortly be called.

COURT HOUSES.

SAN FRANCISCO—City hall sheet metal work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. All bids on Proposition No. 3 of the sheet metal contract for the City Hall have been rejected and new figures will be called. Awards were made on Propositions Nos. 1 and 2.

OAKLAND, CAL.—City Hall lighting fixtures. Cost not stated. Supervising Architect, John J. Donovan, Oakland. Owners, City of Oakland. Bids will be received up to November 12th

at 6 o'clock for furnishing and installing special lighting fixtures in the new City Hall. Plans and full particulars can be secured from City Clerk Frank M. Smith, Oakland.

FACTORIES AND WAREHOUSES.

SEATTLE, WASH.—Motion picture studio group of 1 and 2 story buildings, frame and concrete, \$250,000. Architect's name not given. Owners, Puget Sound Film Producing Co., Eilers Bldg., Seattle. The Puget Sound Film Producing Company will spend eventually \$250,000 in buildings. The first unit will cost \$50,000 and will be built this year, but it has only just been announced that \$100,000 in building construction will be spent each year for the next two years. Those mentioned as interested in the company are E. K. Lamson, E. C. Wilcox and A. Belasco. The class of construction or the character of the buildings are not stated.

SAN FRANCISCO—Shop building, 2 story and base, brick and steel, \$14,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing the shop building to be used by the City Department of Electricity show T. E. Davis & Son low on the two propositions as follows: Proposition A, \$13,259; Proposition B, \$11,851. They will probably be awarded the contract. A complete list of the figures received for this work will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Machine shop, 1 story and base, brick, \$6,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaghy. The building will be erected on the south side of Grove street west of Folk, having a frontage of 34 feet and a depth of 120 feet. There will be a cement floor and metal window sash. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Warehouse, 6 story and base, reinforced concrete. Cost not stated. Engineer, Los Angeles Harbor Engineer, L. A. Owners, City of Los Angeles. Plans and specifications have been submitted to the harbor commission by the harbor engineer for the first of the municipal warehouses to be erected at the harbor. The engineer recommends that the structure should be six stories and basement. The plans provide for a building 152 by 480 feet, and of reinforced concrete construction. It will have large freight elevators in the center, light wharf hoists over each tier of cargo doors on each side of the building, automatic sprinkler system and electric lighting system. Working drawings will be completed as soon as these plans receive approval of the Harbor Commission.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Factory, 1 and 2 story, brick and concrete. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owner, Nornel Food Products Co., represented by Martin M. Kallman. Mr. Kallman has recently returned from a trip to San Bernardino and has announced the selection of a site for the new buildings. Only preliminary drawings have been made and it is impossible to give details of construction. Further men-

tion will be made as the work progresses.

SAN FRANCISCO—Breweries, 3 complete plants, Class A construction, \$500,000 to \$750,000 each. Architect not selected. Owners as follows: Three of the largest brewers in the west, affected by the recent prohibition elections in Washington and Oregon, have announced their intention of coming to San Francisco and erecting extensive plants. Two other brewers are considering the California field and will locate in one or the other of the Bay Cities. These companies all have local representatives and enjoy extensive business in this state. The Seattle Brewing and Malting Co., capital stock \$2,000,000, is represented in San Francisco by John Rapp. Louis Hemrich is their water expert and will shortly arrive in this city. The company will expend about \$750,000 in new buildings. The Tacoma Brewing and Malting Co. is represented here by George Alpers and their capital stock is \$1,000,000. They intend to spend \$750,000 in new construction. The Independent Brewing Co. of Georgetown, Wash., is represented by C. F. Wagner and is capitalized for \$500,000. Gambrinus Brewing Co. Portland and Weinhard Brewing Co. of the same city will locate in California, but have not announced the selection of any particular town.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 3 story and base. Class C construction, \$65,000. Architects, William Curlett & Son, Merchants' Bank Bldg., L. A. Owners, Rudgear-Merle Co. Contractors, F. O. Engstrum Co., 5th and Seaton streets, L. A. Contract price, \$65,000.

FERRY BUILDING.

SAN FRANCISCO—Ferry addition, 2 story, Class A construction, \$37,500. Architect, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids received by the State Board of Harbor Commissioners Thursday for constructing an extension to the Ferry Building to be used as an additional baggage room for the railroads show the Construction and Engineering Co., Inc., low at \$37,400. Masow & Morrison were next at \$37,448. Eighteen bids in all were received. A contract has not been awarded.

FIRE HOUSES AND JAILS.

Contracts Awarded.

WOODLAND, YOLO CO., CAL.—Jail, 2 and 3 story and base, reinforced concrete, \$35,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. Contractor, Harvey A. Klyce, Sheldon Bldg., S. F., general construction only. Contract price, \$23,871. Note: This contract does not include plumbing, electric work, heating or special jail cells and equipment.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Miss G. Bray. The building will be erected on the south side of Filbert street east of Polk and has been designed to contain two modern flats of six rooms each. Interiors will

be finished in pine, redwood and oak. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile and will have composition floors. Simplex or Hassen window sash are specified. Exterior of the building will be covered with rustic and shingles. Plans are complete and figures are being taken.

GARAGES.

FRESNO, FRESNO CO., CAL.—Garage, 1 story and base, reinforced concrete, \$50,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, J. C. Phelan, 1412 I street, Fresno. The building will be erected at the corner of K and Mono streets, covering an area of 100 by 150 feet. Construction will be fireproof with reinforced concrete floors, walls and steel roof trusses. Interior will be finished in pine. There will be special gasoline storage tanks. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are being prepared. A contract for the excavating has been awarded to Thompson Bros.

GOVERNMENT WORK & SUPPLIES.

I Beam Trolleys.

Abstract of proposals for I-beam trolleys, advertisement 351, Okanagan project, Wash., opened at Los Angeles, Cal.:

Maris Bros., Philadelphia, Pa., item 1, \$45; 2, \$13.50; at Philadelphia.

B. F. Kierulff, Jr., & Co., Los Angeles, Cal., item 1, \$56; 2, \$21; at Mentour Falls, N. Y.

New Jersey Foundry and Machine Co., New York City, item 1, \$60; 2, \$23; at Garwood, N. J.

Harron, Rickard & McCone, Los Angeles, Cal., item 1, \$60.25; 2, \$19; at Philadelphia, Pa.

Wright Mfg. Co., Lisbon, Ohio, item 1, \$67; 2, \$25.10; at Okanagan, Wash.; 30 days.

Western Engineering Sales Co., San Francisco, Cal., item 1, \$94; 2, \$30.50; at St. Louis, Mo., 7 days.

Manning, Maxwell & Moore, San Francisco, Cal., item 1, \$103.50; 2, \$31.85; at New York.

H. Channon & Co., Chicago, Ill., item 1, \$104; 2, \$32; at Chicago, Ill.; 1 day. Yale & Towne Mfg. Co., New York City, item 1, \$112; 2, \$35.20; at Cleveland, Ohio.

Earthwork.

Abstract of bids opened by the U. S. Reclamation Service at Grand Junction, Colo., for earthwork between stations 329-655 and 357, main canal, Grand Valley project:

Thorn & Whiting, Springville, Utah, \$9,150.

San Francisco, Cal., Painting, Etc.

The following bids were received by the custodian, U. S. post office, San Francisco, Cal., for painting and minor repairs at the U. S. Appraiser's Building, San Francisco, Cal.:

Wagner Bros., 530 Gough street, San Francisco, Cal., \$1,290; 25 days.

I. R. Kissel, 1723 Polk street, San Francisco, Cal., \$1,000; 20 days.

W. R. Cater, San Francisco, Cal., \$935; 30 days.

Light House Service, Sirens.

The following bid was received by the light house inspector, eighteenth district, San Francisco, Cal., for furnishing two electrically-operated sirens for stock and stores, eighteenth district:

Heath Siren Co., San Francisco, Cal., \$1,061, accepted.

Hanford, Cal., Post Office.

As previously reported, the contract for the construction of the U. S. post office at Hanford, Cal., was awarded to Frank Gallagher, San Francisco, Cal., at \$52,990. In the construction of the building fixtures and material manufactured by the following firms will be used: Plumbing fixtures, Crane Co.; cast iron column radiators and wall radiators, U. S. Radiator Corporation; non-conducting coverings, Keasbey & Mattison Co.; radiator valves, Jenkins Bros.; damper regulator, American Radiator Co.; air exhausting apparatus, Bishop, Babcock, Becker Co.; air valves for end of steam mains, C. A. Dunham; alternate oil-burning apparatus, Fess System Co.; motor for oil-burning apparatus, Holtzer-Cabot Electric Co.; rheostat for motor, Fess; cabinet and tablet, Frank Adam Electric Co.; conduit, Enameled Metals Co.; rubber-covered wire, Bay State Insulated Wire & Cable Co.; lighting fixtures, Reading Chandelier works; reflectors and glassware, Macbeth-Evans Co.; pendant switches, Perkins; canopy switches, Cutler-Hammer Mfg. Co.; keyless sockets, Weber; automatic gas water heater, Pittsburgh Water Heater Co.; flush switches, Perkins; reflectors, type F-20, Weisbach Co.

Denver, Colo., Post Office.

An addition has been made to the contract of Norman Ker, New York City, for additional interior finish, etc., at the U. S. post office at Denver, Colo. The contract price amounted to \$9,675.

Honolulu, H. T., Painting.

The contract for painting several buildings at the U. S. quarantine station, Honolulu, H. T., has been awarded to George M. Yameda, Honolulu, H. T., at \$3,200.

Denver, Colo., Plaster Models.

The contract for furnishing plaster models for the U. S. post office, Denver, Colo., has been awarded to Neumann & Even, 329 E. 4th street, New York City, at \$6,530.

Honolulu, H. T., Lumber, Etc.

The contract for furnishing lumber and hardware for the U. S. quarantine station, Honolulu, H. T., has been awarded to Allen & Robinson at \$646.20.

Grass Valley, Cal., Post Office.

As previously reported, the contract for the construction, complete, of the U. S. post office, Grass Valley, Cal., was awarded to Welch Brothers, Oakland, Cal. In the construction of the building fixtures and material manufactured by the following firms will be used: Plumbing fixtures, Crane Co.; reflectors and glassware, Macbeth-Evans Glass Co.; lighting fixtures, Reading; radiator valves, Crane Co.; pendant switches, Perkins; canopy switches, Cutler-Hammer Mfg. Co.; keyless sockets, Weber; porcelain sockets, Bryant Electric Co.; cast-iron

garbage burner, Richardson & Boynton; cast-iron column radiators, Kewanee Boiler Co.; wall radiators, Fowler & Wolff; non-conducting coverings, H. W. Johns-Manville Co.; damper regulator, American Radiator Co.; air valves for radiators, National Steam Specialty Co.; air valves for end of steam mains, do; oil-burning apparatus, Fess System Co.; motor for oil-burning apparatus, Wagner Electric Mfg. Co.; thermostatic element for controlling oil supply, American Radiator Co.; cabinet and tablet, J. Lang Electric Co.; conduit, Mark Mfg. Co.; rubber-covered wire, Belden Mfg. Co.; flush switches, Perkins.

FORT KAMEHAMEHA, HAWAII—Government post, frame construction. Cost not stated. Engineer, Constructing Quartermaster's Office, Honolulu. Owners, United States Government. The Constructing Quartermaster's Office at Honolulu is completing plans for an entire new barracks which is to be constructed at once at the new Government army post to be known as Fort Kamehameha. There will be 53 new buildings all of which will be of frame construction. This work will provide barracks, general quarters, administration building, post headquarters, guard house, stables, officers' quarters, warehouses and commissary store. Plans will shortly be out for figures.

MARE ISLAND, CAL.—Steel barges, \$135,432. Engineer, Navy Department, Washington, D. C. Owners, United States Government. Twelve steel coal barges to cost \$135,432 have been ordered built at Mare Island by Secretary of the Navy Daniels. The steel lighters will have 500 tons capacity. On completion seven of them will be sent to Pearl Harbor. The remaining five will be assigned to nearby naval stations. The hull department will place the order for material at once and the barges will be constructed in the vicinity of drydocks 1 and 2.

HOSPITAL CON AWARD

ELDRIDGE, SONOMA CO., CAL.—Hospital cottage, 1 story, concrete and frame, \$15,475. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Louis Cereghino & Son, S. F. Contract price, \$15,475.

HALLS AND SOCIETY BUILDINGS.

LODI, SAN JOAQUIN CO., CAL.—Club house, 2 story and base, frame, \$6,500. Architect's name not given. Owners, Women's Club of Lodi. Members of the Women's Club of Lodi are viewing various sites for the erection of a club building. The funds for the erection of the building have already been secured and nothing remains but the selecting of the site. The building will be of frame construction, probably two stories in height.

EUGENE, ORE.—Armory, 2 story and base, reinforced concrete, \$75,000. Architects, Hunzicker & Preusse, Eugene. Owners, State of Oregon. This building has been mentioned here a number of times before when plans were being prepared. The building will cover an area of 149 by 132 feet and will be of fireproof construction. Basement will contain a large banquet hall, store rooms and gymnasium. First floor will be arranged for a drill

room 144 by 88 feet. The second floor will contain a balcony around the drill room and officers' quarters. Interior will be finished in pine throughout. A maple floor will be used in the drill room. Plans provide for steam heat. Plans are complete and figures are being taken. Separate bids will be taken for the general construction, heating, plumbing and electric work. Bids will be opened on November 21st in the office of Adj. Gen. W. E. Finzer at Portland.

HOTELS.

Contracts Awarded.

SAN FRANCISCO—Hotel addition, 2 story, frame, \$35,000. Architect, A. A. Cantin, Foxcroft Bldg., S. F. Owners, Hoteling Estate, Contractor, John MacBain, Redwood City. Contract price, \$35,000. This building is now known as the Seal Rock Cafe and is located on the Ocean Boulevard.

LIBRARIES.

EXETER, TULARE CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architects, Bowen & Davis, Fresno. Owners, City of Exeter. The building has been designed in the classic style and will contain a large main reading room, stack room and office for the librarian. Interior will be finished in pine and redwood with a maple floor in the reading room. Plans provide for furnace heat. Metal book shelves will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Timber screens. Cost not stated. Engineer, Director of Works, Service Bldg. S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being taken for furnishing and constructing timber screens for the South Face, West Face and East Bulkhead of the Fulton Basin. Bids will be opened on November 12th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Grand stand, timber construction. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete for constructing Grand Stand No. 1 at the Race Track. Bids are being taken and will be opened by the Buildings and Grounds Committee on November 17th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Staff work. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being called for on furnishing and installing the staff work for the lighting fixtures in the Festival Hall. Plans and specifications can be secured from the office of the Director of Works. Bids will be opened on November 12th. An official proposal appears in another column of this issue.

Contracts Awarded.

SAN FRANCISCO—Pacade county exhibit building. Cost not stated. Engineer's name not given. Owners, Napa County. The Napa County Exposition Commission, consisting of Bismark Bruck, chairman; E. W. Churchill, and E. S. Hall, secretary, have awarded to J. B. Newman, Napa county bridge builder, the contract for the facade for the Napa County exhibit at the Panama-Pacific Exposition.

POST OFFICES.

Contracts Awarded.

PORTLAND, ORE.—Distributing post office, 1 story and base, reinforced concrete, \$12,000. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, Pioneer Trust Co. Contractor, John Hedstrom, 756 Kerby street, Portland. Contract price, \$12,000.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Power house equipment. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and figures are now being taken for the equipment for the new Municipal Power House to be erected in the Civic Center. Plans and specifications can be secured from the City Engineer. Bids will be opened by the Board of Public Works on November 17th.

SAN FRANCISCO—Car barns, 1 and 2 story and base, reinforced concrete, \$125,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Working drawings have been completed and approved for the new Municipal Car Barns to be erected in the Potrero District. The building will be a fireproof structure occupying the block bounded by 18th, Hampshire, York and Mariposa streets, covering an area of 240 by 150 feet. There will be reinforced concrete walls and floors, and steel roof trusses. Interior will be arranged for storage of cars, repair shops and offices. Pine and metal trim will be used. Special electric work will be installed. Exterior of the building will be faced with cement plaster. Plans will be out for figures next week.

LOS ANGELES, CAL.—Freight shed, 1 story, reinforced concrete. Cost not stated. Engineer, Chief Engineer Santa Fe Co., Kerrohoff Bldg., L. A. Owners, Santa Fe Railway Co. The building will be erected at the corner of 3rd and Santa Fe avenue, covering an area of 60 by 200 feet, with a wing 60 by 150, designed for an unloading shed for automobiles. Walls and floor will be of reinforced concrete. Metal doors and window sash are specified. Plans call for modern plumbing and electric work. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

MARTINEZ, CONTRA COSTA CO., CAL.—Railroad work. Cost not stated. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. A crew of Southern Pacific engineers are now in Martinez making surveys for the spur tracks which are to be built

from the main line through the lands of the Shell Company where the big oil refinery is to be built. The main spur track is to extend from the main line at a point near the present spur track connections southerly through the canyon in which the old Fraser home stood to the southernmost limits of the tract. Additional spur tracks are to be built at once to other parts of the 400-acre tract.

LOS ANGELES, CAL.—Express depot, 1 and 2 story and base, Class A and Class C construction. Cost not stated. Architect, James H. Humphreys, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Co. The building will be erected at the corner of 4th street and Central avenue, covering a ground area of 100 by 225 feet. The main portion of the building will be of Class A construction with a steel frame and reinforced concrete walls and floor. Steel roof trusses will be used. Interior will be finished in pine and metal trim. Metal window sash and frames will be used. Exterior will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect Charles J. Rousseau, 46 Kearny street, S. F. Owners, H. B. and L. D. Allen, 128 Sutter street, S. F. The dwelling will be erected on the east side of 8th avenue north of Moraga, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These two houses will be erected on the east side of 12th avenue north of Balboa and each will contain seven rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

SAN FRANCISCO—Residences, 2, 1½ story and base, frame, \$2,500 each. Architect, T. Boehm, 4419 19th street, S. F. Owner, E. M. Person, 4427 23rd street, S. F. These two houses will be erected on the east side of 14th avenue south of Judah, and each has been designed to contain six rooms and bath. Pine redwood and some elm

will be used for interior finish. Hardwood floors will be used throughout. There will be an open fire place in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Wade and Carlson, 71 Pierce street, S. F. The dwelling has been designed for a seven-room house and will be erected on Surrey south of Van Buren. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and ship-lap. Plans are complete and in the hands of the owners. Work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1 story and base, frame, \$2,500. Architect, none. Owner, Mr. Mullin, 478 19th avenue, S. F. The dwelling will be erected on the west side of 19th avenue south of Cabrillo and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, William F. Nolan, 1550 Fillmore street, S. F. The dwelling has been designed for a six-room house with bath and will be erected on the west side of 17th avenue south of Anza. Interior will be finished in pine, redwood and some elm. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, E. J. Spence, 537 25th avenue, S. F. Owners, Spence and Feerick, 537 25th avenue. The dwelling will be erected on the east side of 19th avenue near Balboa and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

OAKLAND, CAL.—Residence, 1 story and base, brick, \$3,000. Architect, Charles E. Wetherell, 110 Jessie street, S. F. Owner's name withheld. The dwelling will contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantels will be of tile. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residences, 4, 1½ story and base, frame, \$3,000 each. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Edwin C. Graff, Syndicate Bldg., Oakland. These houses will be erected in the Fourth Avenue Heights and each has been designed for a seven-room dwelling with bath and sleeping porch. Interiors will be finished in pine, redwood, some elm panels and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner, Joseph Zellerbach. The dwelling will contain twelve rooms, three baths and sleeping porches. Interior will be finished in pine and hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, J. C. Kirby, 2152A Market street, S. F. The dwelling will be erected on the west side of 12th avenue north of Anza street and has been designed for a six-room house with bath. Interior will be finished in pine and blue gum. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residences, 6, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on Hillway street south of Carl, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There will

be open fire places and tile or brick mantels. Tile wainscot will be used in the baths and kitchens. Exteriors will be covered with rustic, shiplap and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, brick and frame. Cost not stated. Architect, Clinton Day, Nevada Bank Bldg., S. F. Owner, Mrs. T. L. Barker. The dwelling will be erected on Sea View avenue and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will also be erected on the property. Interior of the house will be finished in pine and redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. A vacuum cleaning system and automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, reinforced concrete, \$40,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected at the corner of Vallejo and Divisadero streets and has been designed for a city dwelling containing sixteen rooms, several baths and conservatory. Interior will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be steam heat, a hot water system and vacuum cleaning. Open fire places and tile and marble mantels will be used. All bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster. Plans have been out for figures and the three lowest contractors are now rediguring slight changes. A contract will be awarded this week.

LOS GATOS, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, William C. Hayes, First National Bank Bldg., S. F. Owner's name withheld. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have the wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared. Figures will be called for shortly.

SCHOOLS.

SAN FRANCISCO—School fire escapes, \$12,000. Architect, City Department of Architecture. Owners, City and County of San Francisco. The City department of Architecture is preparing plans for installing fire escapes on the following school buildings: Laguna Honda, Sherman, Dudley, Stone, Rochambeau, Emerson and Grant. Bids will be taken for all work and for the

work at each building. Bids will shortly be called for by the Board of Public Works.

OAKLAND, CAL.—School, 2 story and base, reinforced concrete, \$160,000. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building will be erected at the corner of 32nd and Magnolia streets and will cover a large ground area. Construction will be of the semi-fireproof type with reinforced concrete walls, floors and stairways. There will be fourteen class rooms, departments of domestic science and manual training and offices. Plans also show a large auditorium. Interior will be finished in pine with maple floors. There will be steam heat, vacuum cleaning and modern plumbing. Program clocks will also be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

WOODLAND, YOLO CO., CAL.—Schools, 2, 1 and 2 story and base, brick and reinforced concrete, \$100,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Woodland School District. These two buildings will be erected from funds recently voted by the citizens. One building will be erected on the Oak street site and the other on the Walnut street site. Construction will be of the slow-burning type with fireproof corridors, walls and stairways. Interiors will be finished in pine with maple floors in the class rooms. There will be departments for manual training and domestic science. Exteriors will be faced with cement plaster. Plans are being prepared and it will be some time before bids will be called. Further mention will be made of the work.

LOS ANGELES, CAL.—School, 1 story and base, reinforced concrete, \$60,000. Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A. Owners, Eagle Rock School District. The building will have reinforced concrete walls, corridors and stairways. There will be eleven class rooms, an auditorium seating 500 people, office and departments for manual training and domestic science. Interior will be finished in pine throughout with maple floors in the class rooms. There will be steam heat, a modern system of ventilation and plumbing and program clocks. Exterior will be faced with cement plaster. Preliminary plans only have been prepared. Bonds will be voted on November 13th and if the issue carries working drawings will be completed at once.

SEATTLE, WASH.—School, 3 story and base, reinforced concrete and brick. Cost not stated. Architect, Architectural Department Board of Education, Seattle. Owners, City of Seattle. Bids were opened recently for the construction of the Ballard School. The Sound Construction and Engineering Co., Seattle, was low on the general construction at \$235,844; P. J. Lavan low on the heating at \$33,250; Peterson Heating and Plumbing Co. low on the plumbing at \$29,800, and the Ne Page-McKenna Co. low on the electric work. Contracts have not been officially awarded.

HOLTVILLE, IMPERIAL CO., CAL.—School, 1 story and base, hollow tile construction, \$10,000. Architects, Allison & Allison, L. A. Owners, Holtville School District. The building will contain eight class rooms, an

auditorium, departments for domestic science and manual training. Interior will be finished in pine with some maple floors. There will be a modern system of ventilation, program clocks and modern school plumbing. Exterior will be faced with cement plaster. Bonds have been sold and the money will be available at once. Bids will be called for shortly.

SEWERS, STREET WORK & WATER SYSTEMS.

RICHMOND, CONTRA COSTA CO., CAL.—Street work. Cost not stated. Engineer, Chapman, Richmond. Owners, City of Richmond. City Engineer Chapman has been instructed to prepare plans for the grading of a 40-foot street to connect the outer harbor wharves and the Santa Fe mole with the extension of Washington avenue. On the completion of the plans bids will be called for. Resolutions of intention to pave Contra Costa street have been passed by the City Council.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer construction, \$90,000. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. Plans for the sewer for the Canal subdivision on the west side of this city have been presented to the City Council for approval. The sewer will cost in the neighborhood of \$90,000 and will be one of the most important undertakings of its kind in Richmond. Plans will be called for shortly.

CHICO, BUTTE CO., CAL.—Sidewalk construction. Cost not stated. Engineer, City Engineer, Chico. Owners, City of Chico. An order has been made by the City Board authorizing the calling for bids for the construction of 1,133 feet of sidewalks in districts 2 and 3. The work must be started and the contracts let before the first of the year.

ORLAND, GLENN CO., CAL.—Sewer and water extensions. Cost not stated. Engineer, City Engineer, Orland. Owners, City of Orland. There were eight bidders for the construction of the extension work of the sewer and water systems, and the prices for the work ranged from \$15,450 to \$10,822.99. Pier & Siller of Fresno had the lowest bid. S. E. Vincent, who built the sewer system now being used in this city was next lowest with \$12,332.62. The Trustees did not award the contract at the time, but will probably determine which contractor will be given the job shortly.

FRESNO, FRESNO CO., CAL.—Electroliters, concrete, brass or iron. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Specifications for the proposed lighting system in Fresno have been withdrawn by the City Trustees and new specifications will be drawn, to be submitted to the Trustees at their next meeting. The makers of copper, iron, steel, concrete and all other kinds of electroliters posts will be given a chance to submit a bid according to the new specifications.

SUNNYSIDE, WASH.—Reclamation project. Cost not stated. Engineer, United States Reclamation Service, Washington, D. C. Supervising Engineer, C. H. Swigert, Sunnyside. Owners, United States Government. Bids for the construction of the Sunnyside unit of the Yakima project, which were opened last week, are as follows: Valley Construction Co., \$91,625; Oregon

Bridge and Construction Co., \$87,653; Nettleton, Bruce & Eschbach, \$99,720; Consolidated Contract Co., \$96,229; George P. Wright, \$81,093; McDonald & McGuire, \$197,973; Grant Smith & Co., \$96,128; The Pacific Tank and Pipe Co., bid \$10,976 for the pipe; and the Chamberlain Construction Co. bid \$12,998 for the same; and the bid of the Redwood Mfg. Co. was \$14,099; alternate, \$18,133; Washington Pipe and Foundry Co., \$10,777; alternate, \$10,571.

REEDLEY, FRESNO CO., CAL.—Auxiliary water system, cost not stated. Engineer, City Engineer, Reedley, Owners, City of Reedley. Plans and specifications have been completed for the auxiliary water system and figures are now being taken. Bids will be taken separately for (1) construction of the pump pit, (2) construction of pump house and office and (3) for furnishing and installing pumping machinery and accessories. Bids will be opened on November 17th. Plans and specifications can be secured from the City Clerk.

FRESNO, FRESNO CO., CAL.—Pressure irrigation system, \$30,000. Engineer, City Engineer Cronkhite, Fresno, Owners, City of Fresno. According to statements made by the Board of Park Commissioners a pressure irrigation system costing \$30,000 will be started before the end of the year. A pumping station and block of automatic sprinklers to cost about \$2,500 will be the initial installment. City Engineer Cronkhite will make a survey of the proposed system and report at the next meeting of the commissioners.

Contracts Awarded.

SAN FRANCISCO—Paving piers, wood pavement, \$18,279. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Contractors, Rolph-Mills Co., S. F. Contract price for Piers 18, 19 and 37, \$18,279.

STOCKTON, SAN JOAQUIN CO., CAL.—Street work, curbs and paving. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractor, William Haskill, Stockton. Contract price not stated. Mr. Haskill's contract calls for paving Sonora street east of San Joaquin and curbs on Church street.

CALEXICO, IMPERIAL CO., CAL.—Filtration plant, \$11,000. Engineer, City Engineer, Calexico. Owners, City of Calexico. Contractors, Blaisdell Filtration Co., care of City Clerk, Calexico. Contract price \$11,000 for work complete.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base, brick and steel, \$15,000. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Tamony Bakery. The building will be erected at the southwest corner of Ninth and Howard streets, having a frontage of 103 feet on Howard and 100 on Ninth. There will be eight stores and a saloon. Interior will be finished in pine throughout. A cement floor will be used. Special saloon fixtures and bakery equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared and will be out for figures shortly.

SAN FRANCISCO—Undertaking establishment, 1 story and base, frame,

\$10,000. Architect, Carl Gelfuss, 46 Kearny street, S. F. Owner, Charles Warren Welsh Estate. The building will be erected on the east side of Valencia street north of 26th and has been designed in the classic style. Interior will be arranged for five private rooms, chapel, office, work room and morgue. Interior will be finished in white enamel with hardwood floors. Exterior will be faced with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be let within a few days.

SAN FRANCISCO—Stores, 1 story, brick and steel, \$12,000. Architects, O'Brien Bros, Clunie Bldg., S. F. Owner's name withheld. The building will be erected on East street south of Market, having a frontage of 80 feet and a depth of 91 feet. There will be several stores with patent store fronts, marble bases and plate glass windows. Interior will be finished in pine. The building will be carried on a scow foundation. Exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

SEALED PROPOSALS.

PROPOSALS FOR FEED WATER HEATER.

FEED WATER HEATER—Sealed proposals indorsed "Proposals for Filtering Feed-Water Heater" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 14, 1914, for furnishing and installing a filtering feed-water heater at the naval hospital, Las Animas, Colo. Specifications may be obtained on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals will be received at the office of the commissioners of fisheries, Washington, D. C., until 2 o'clock p. m. November 27, 1914, and then opened, for constructing a hatchery building, a superintendent's residence, and a fish culturist's cottage at the Saratoga, Wyo., Fisheries Station. Blank proposals, specifications, etc., may be obtained on application to the above office.

PROPOSALS FOR BRIDGES.

BRIDGES—U. S. Engineer Office, Portland, Ore.—Sealed proposals for eight steel swing bridges for Dalles-Cello Cello Canal will be received here until 11 o'clock a. m. December 7, 1914, and then publicly opened. Information on application. JAY J. MORROW, major engineers.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 578—Proposals for Steel Cable, Track Bolts, Nails, Turnbuckles, Lead Washers, Brails, Condenser Tubes, Brass Nuts, Paint Brushes, Vitrified Sewer Pipe, Manila Rope, Candle Wicking, Harness, Leather, Memorandum Books, Paper, Alcohol, Lumber and Spud Timber. Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 20, 1914, at which time they will be opened in public for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 878) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 577—Proposals for Electric Incandescent Lamps.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 27, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 877) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Thursday, November 12, 1914, for Constructing and Installing a Timber Screen for the South Face, West Face and East Bulkhead, Fulton House, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Thursday, November 12, 1914, for Staff Work for Lighting Fixtures in Festival Hall, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211 Service Building. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Tuesday, November 17th, for Constructing Race Track Grand Stand No. 1, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount of bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond

In the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract, the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,

(a) 11/11/14

PROPOSALS FOR PAINTING PLASTERING.

PAINTING PLASTERING—Office of the Custodian, U. S. Public Building, Alameda, Cal.—Sealed proposals will be received here until 3 p. m. November 30, 1914, for painting plastering. For further information address T. C. STODDARD, postmaster.

PROPOSAL FOR ROLLING CREST. STEEL ROLLING CREST—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Washington, D. C., until 2 o'clock p. m. November 19, 1914, for furnishing one steel rolling crest for the Grand River diversion dam, Grand Valley project, Colo., consisting of six motor x foot 3-inch rollers and one 60-foot x 15-foot 4-inch roller and accessories, involving a total weight of approximately 550,000 pounds. For particulars address the United States Reclamation Service, Washington, D. C., chief counsel.

PROPOSALS FOR HOISTING EQUIPMENT.

GATE HOISTING EQUIPMENT—U. S. Reclamation Service, Boise, Idaho.—Sealed proposals will be received here until 2 p. m. November 22, 1914, for furnishing certain gate hoisting equipment for sluice gates in connection with the new Jackson enlargement project, Moran, Wyo. For particulars address the U. S. Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 875—Proposals for Fuel Oil for the Year Ending December 31, 1915.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 23, 1914, at which time they will be opened in public, for furnishing the above mentioned article. Blanks and general information relating to this circular (No. 875) may be obtained from the office of the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR RECLAMATION WORK.

EARTHWORK AND STRUCTURES—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at Provo, Utah, until 2 o'clock p. m. November 16, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 384,000 cubic yards of excavation, 2,500 cubic yards of excavation for structures, 2,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel

complete with concrete lining, laying approximately 1,700 feet of vitrified pipe of miscellaneous sizes also 1,100 feet of backfilling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service near the mouth of Spanish Fork Canyon to Station 700 plus 60, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSALS FOR REFRIGERATING PLANT.

REFRIGERATING PLANT—Sealed proposals indorsed "Proposals for Refrigerating Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 24, 1914, and then and there publicly opened, for furnishing and installing a refrigerating plant, complete, with all accessories at the marine barracks, Navy Station, U. S. navy yard, Mare Island, Cal. Plan and specifications may be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed bids will be received at the office of the United States Reclamation Service at Provo, Utah, until November 15, 1914, for the construction of divisions 1, 2 and 3 of the High Line Canal and structures, Strawberry Valley project, Utah, involving approximately 384,000 cubic yards of canal excavation, 2,500 cubic yards of excavation for structures, 2,300 cubic yards of reinforced concrete, 167,000 square feet of canal lining, 230 lineal feet of tunnel, complete, with concrete lining, laying approximately 1,700 feet of vitrified pipe of miscellaneous sizes; also 1,400 cubic yards of back-filling and small quantities of rock-filling and stone paving and the placing of sluice gates and miscellaneous structural steel. The canal will extend in a southwesterly direction from the power plant of the U. S. Reclamation Service, near the mouth of Spanish Fork Canyon, to Station 700 plus 60, near Payson City, Utah County, Utah. For particulars address the United States Reclamation Service at Provo, Utah, or Washington, D. C. WILL R. KING, chief counsel.

PROPOSAL FOR LOCOMOTIVE.

LOCOMOTIVE—Sealed proposals, indorsed "Proposals for Locomotive" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. November 14, 1914, and then and there publicly opened, for one narrow-gauge saddle-tank switching locomotive, delivered at the naval station, Pearl Harbor, Hawaii. Specification may be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M. Tuesday, November 17th, 1914, for Constructing Water Front Entrance, in accordance with plans and specifications on file in the office of the Director of Construction. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company, for the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the re-

spective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filling the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213 in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Tuesday, November 17, 1914, for Exposition Boundary Fence, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

INCORPORATIONS.

California Rice Mills, Inc. To grow, store warehouse rice, grain and cereals. Capital Stock, \$250,000; 2500 shares at \$100 each; amount subscribed \$500. Place of business, San Francisco. Directors—F. S. Glass, J. W. Sperry, C. E. Hale, A. S. Lilley and A. J. Dobbie, 1 share each.

BUILDING OPERATIONS BRISK DURING OCTOBER.

Report of the Board of Public Works Shows That \$1,479,518 Was Invested in Building Construction.

Approximately \$1,500,000 was invested in building construction during the month of October, as shown by a report compiled by the Bureau of Building Inspection of the Board of Public Works.

The report shows that during the month there were 613 permits issued at an estimated cost of \$1,479,518. Of this amount \$516,300 was for work done in the Panama-Pacific Exposition grounds and \$93,000 for public buildings being constructed by the city.

A complete and segregated report is as follows:

Class	No. of Bldgs.	Amount
"B"	2	\$70,000.00
"C"	11	\$4,340.00
Frames	147	\$8,776.00
Alterations	134	\$67,102.00
Panama Pacific Int Ex	17	\$1,360,000.00
Public Buildings	2	93,000.00
Total	613	\$1,479,518.00

Let the County Official Know Where You Saw the Official Proposal.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE AND STORES—2 story and base, brick and frame, \$50,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of Sixth and Shipley streets, and will cover a large ground area. There will be four stores on the first floor besides the entrance. Upper floors will be divided into 71 suites of two rooms each. Interior will be finished in pine and redwood. There will be private baths and wall beds. Plans provide for steam heat, elevator service and a hot water supply. The Fess system of oil burning will be used. Bath rooms will have tile wainscot and composition floors. Patent storefronts will be used. Marble wainscot is specified. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner's name withheld. The building will be erected at the northeast corner of 6th avenue and Irwin street, and has been designed to contain nine apartments of two, three and four rooms. Interiors will be finished in pine and redwood with some white enamel. Hardwood floors will be used in the principal rooms. There will be steam heat and a hot water supply. All suites will have wall beds. Marshall-Stearns being specified. Bath rooms will be finished in tile and will have composition floors. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster, shingles and half timber. Plans are complete and segregated figures are being taken.

TIMBER SCREENS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being taken for furnishing and constructing timber screens for the South Face, West Face and East Bulkhead of the Fulton Basin. Bids will be opened on November 12th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

FERRY ADDITION—2 story. Class A construction, 37,500. San Francisco. Architect, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids received by the State Board of Harbor Commissioners Thursday for constructing an extension to the Ferry Building to be used as an additional baggage room for the railroads show the Construction and Engineering Co., Inc., low at \$37,400. Masow & Morrison were next at \$37,148. Eighteen bids in all were received. A contract has not been awarded.

CHURCH—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, Third Church of Christ, Scientist. It has been announced that owing to a lack of funds this building will not go ahead until after the first of the year.

CHURCH—1 and 2 story, brick and **CITY HALL SHEET METAL WORK**—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. All bids on proposition No. 3 of the sheet metal contract for the City Hall have been rejected and new figures will be called. Awards were made on propositions Nos. 1 and 2.

GOVERNMENT POST—Frame construction. Cost not stated. Fort Kamehameha, Hawaii. Engineer, Constructing Quartermaster's Office, Honolulu. Owners, United States Government. The Constructing Quartermaster's Office at Honolulu is completing plans for an entire new barracks, which is to be constructed at once at the new Government army post to be known as Fort Kamehameha. There will be fifty-three new buildings, all of which will be of frame construction. This work will provide barracks, general quarters, administration building, post headquarters, guard house, stables, officers quarters, warehouses and commissary store. Plans will shortly be out for figures.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Miss G. Bray. The building will be erected on the south side of Filbert street east of Polk, and has been designed to contain two modern flats of six rooms each. Interior will be finished in pine, redwood and oak. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile and will have composition floors. Simplex or Hassen window sash are specified. Exterior of the building will be covered with rustic and shingles. Plans are complete and figures are being taken.

STEEL BARGES—\$135,432. Mare Island, Cal. Engineer, Navy Department, Washington, D. C. Owners, United States Government. Twelve steel coal barges to cost \$135,432 have been ordered built at Mare Island by Secretary of the Navy Daniels. The steel lighters will have 500 tons capacity. On completion seven of them will be sent to Pearl Harbor. The remaining five will be assigned to nearby naval stations. The hull department will place the order for material at once, and the barges will be constructed in the vicinity of drydocks 1 and 2.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. The dwelling will be

erected on the east side of 8th avenue north of Moraga, and has been designed for an eight-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. These two houses will be erected on the east side of 12th avenue north of Balboa and each will contain seven rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. Automatic water heaters will be installed. Exteriors will be covered with cement plaster on metal lath, rustic and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

RESIDENCES—2, 1½ story and base, frame, \$2,500 each. San Francisco. Architect, T. Boehm, 1419 19th street, S. F. Owner, E. M. Person, 1437 23rd street, S. F. These two houses will be erected on the east side of 11th avenue south of Judah, and each has been designed to contain six rooms and bath. Pine, redwood and some elm will be used for interior finish. Hardwood floors will be used throughout. There will be an open fire place in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—1, 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owners, Wade and Carlson, 71 Pierce street, S. F. The dwelling has been designed for a seven-room house and will be erected on Surrey street south of Van Buren. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner.

ers. Work will be done by Day Labor. Materials are now being purchased.

RESIDENCE—1 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, M. Mullin, 478 19th avenue, S. F. The dwelling will be erected on the west side of 19th avenue south of Cabrillo, and has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place and tile mantel. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, William F. Nolan, 1550 Fillmore street, S. F. The dwelling has been designed for a six-room house with bath and will be erected on the west side of 15th avenue south of Anza. Interior will be finished in pine, redwood and some elm. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner. The work will be done by Day Labor. Materials are being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, E. J. Spence, 537 25th avenue, S. F. Owners, Spence and Peerick, 537 25th avenue. The dwelling will be erected on the east side of 19th avenue near Balboa, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath room will have tile wainscot and composition floor. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

GRAND STAND—Timber construction. Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete for constructing Grand Stand No. 1 at the Race Track. Bids are being taken and will be opened by the Buildings and Grounds Committee on November 17th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

STAFF WORK—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being called for on furnishing and installing the staff work for the lighting fixtures in the Festival Hall. Plans and specifications can be secured from the office of the Director of Works. Bids will be opened on November 12th. An official proposal appears in another column of this issue.

APARTMENT HOUSE—4 story and base, frame, \$21,000. San Francisco. Architect, Charles H. Skidmore, Foxcroft Bldg., S. F. Owner, Maud Warwick. The building will be erected at the southwest corner of Sacramento and Webster streets, covering an area of 36 by 72 feet and has been designed to contain twelve suites of two and three rooms. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms. Plans provide for steam heat and a hot water system. All suites will have wall beds and private bath rooms. Tile wainscot and composition floors will be used in the baths. Entrance will be finished in marble. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and in the hands of H. C. Warwick, Hearst Bldg., who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on Page street and has been designed to contain nine suites of three and four rooms. Interior finish will be of pine and redwood. Some hardwood floors will be used. All apartments will have private baths and wall beds. Bath rooms will have composition floors and tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SHOP BUILDING—2 story and base, brick and steel, \$14,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing the shop building to be used by the City Department of Electricity show T. E. Davis & Son low on the two propositions as follows: Proposition A, \$13,269; Proposition B, \$11,851. They will probably be awarded the contract. A complete list of the figures received for this work will be found under the heading of San Francisco in this issue.

MACHINE SHOP—1 story and base, brick, \$6,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaghy. The building will be erected on the south side of Grove street west of Polk, having a frontage of 34 feet and a depth of 120 feet. There will be a cement floor and metal window sash. Interior will be finished in pine. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

POWER HOUSE EQUIPMENT—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and figures are now being taken for the equipment for the new Municipal Power House to be erected in the Civic Center. Plans and specifications can be secured from the City Engineer. Bids will be opened by the Board of Public Works on November 11th.

CAR BARN—1 and 2 story and base, reinforced concrete, \$125,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Working drawings have been completed and approved for the new Municipal Car Barns to be erected

in the Potrero district. The building will be a fireproof structure occupying the block bounded by 18th, Hampshire, York and Marlborough streets, covering an area of 240 by 180 feet. There will be reinforced concrete walls and floors and steel roof trusses. Interior will be arranged for storage of cars, repair shops and offices. Fine and metal trim will be used. Special electric work will be installed. Exterior of the building will be faced with cement plaster. Plans will be out for figures next week.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, J. C. Kirby, 2152A Market street, S. F. The dwelling will be erected on the west side of 12th avenue north of Anza street and has been designed for a six-room house with bath. Interior will be finished in pine and blue gum. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—6, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These houses will be erected on Hillway street south of Carl, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile and brick mantels. Tile wainscot will be used in the baths and kitchens. Exteriors will be covered with rustic, shiplap and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STORES—1 story and base, brick and steel, \$15,000. San Francisco. Architect, John J. Foley, 46 Kearny street, S. F. Owner, Tamony Bakery. The building will be erected at the southwest corner of Ninth and Howard streets, having a frontage of 103 feet on Howard and of 100 on Ninth. There will be eight stores and a saloon. Interior will be finished in pine throughout. A cement floor will be used. Special saloon fixtures and bakery equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared and will be out for figures shortly.

BREWERIES—3 complete plants. (Class A construction, \$500,000 to \$750,000 each. San Francisco. Architect not selected. Owners, as follows: Three of the largest breweries in the west, affected by the recent prohibition elections in Washington and Oregon, have announced their intention of coming to San Francisco and erecting extensive plants. Two other brewers are considering the California field and will locate in one or the other of the Bay cities. These companies all have local representatives and enjoy extensive business in this state. The Seattle Brewing and Malt- ing Co., capital stock \$2,000,000, is represented in San Francisco by John

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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Lapp, Louis Hemrich is their water expert and will shortly arrive in this city. The company will expend about \$750,000 in new buildings. The Tacoma Brewing and Malting Co. is represented here by George Alpers, and their capital stock is \$1,000,000. They intend to spend \$750,000 in new construction. The Independent Brewing Co. of Georgetown, Wash., is represented by C. F. Wagner, and is capitalized for \$500,000. Gambrinus Brewing Co., Portland, and Weinhard Brewing Co. of the same city will locate in California, but have not announced the selection of any particular town.

RESIDENCE—2 story and base, reinforced concrete, \$40,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Clarence Musto. The dwelling will be erected at the corner of Vallejo and Divisadero streets, and has been designed for a city dwelling containing sixteen rooms, several baths and conservatory. Interior will be finished in pine, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. There will be steam heat, a hot water system and vacuum cleaning. Open fire places and tile or marble mantels will be used. All bath rooms will be finished in tile. Exterior of the house will be covered with cement plaster. Plans have been out for figures and the three lowest contractors are now refiguring slight changes. A contract will be awarded this week.

UNDERTAKING ESTABLISHMENT—1 story and base, frame, \$10,000. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owner, Charles Warren Welsh Estate. The building will be erected on the east side of Valencia street north of 26th, and has been designed in the classic style. Interior will be arranged for five private rooms, chapel, office, work room and morgue. Interior will be finished in white enamel with hardwood floors. Exterior will be faced with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be let within a few days.

STORES—1 story, brick and steel, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on East street south of Market, having a frontage of 50 feet and a depth of 91 feet. There will be several stores with patent store fronts, marble bases and plate glass windows. Interior will be finished in pine. The building will be carried on a scow foundation. Exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

SCHOOL FIRE ESCAPES—\$12,000 San Francisco. Architect, City Department of Architecture. Owners, City and County of San Francisco. The City Department of Architecture is preparing plans for installing fire escapes on the following school buildings: Laguna Honda, Sherman, Dud-

ley, Stone, Rochambeau, Emerson and Grant. Bids will be taken for all work and for the work at each building. Bids will shortly be called for by the Board of Public Works.

Contracts Awarded.

FACADE COUNTY EXHIBIT BUILDING—Cost not stated. San Francisco. Engineer's name not given. Owners, Napa County. The Napa County Exposition Commission, consisting of Bismark Brunk, chairman, E. W. Churchill and E. S. Bell, secretary, have awarded to J. B. Newman, Napa county bridge builder, the contract for the facade for the Napa County exhibit at the Panama-Pacific Exposition.

PAVING PIERS—Wood pavement, \$18,279. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Contractors, Rolph-Mills Co., S. F. Contract price for Piers 16, 18 and 37, \$18,279.

HOTEL ADDITION AND ALTERATION—2 story, frame, \$35,000. San Francisco. Architect, A. A. Cantin, Foxcroft Bldg., S. F. Owners, Hoteling Estate. Contractor, John MacBain, Redwood City. Contract price, \$35,000. This building is now known as the Seal Rock Cafe and is located on the Ocean Boulevard.

City Engineer's Reply To Seattle Record.

**Twin Peaks Tunnel Contract Arouses
Seattle Daily's Ire and San Francisco Rated as "Rube Town."**

In its issue of October 30th the Seattle Daily Record publishes an article condemning the action taken by the San Francisco Board of Public Works in the matter of the award on the Twin Peaks Tunnel and branding as unfair the treatment received in this city by Hans Pederson, the Seattle contractor who furnished the first and only bid on this big work.

According to the Seattle publication, San Francisco in general and the Board of Public Works in particular, acted in the same spirit of fairness as Captain Kidd and his pirate crew would have done and were aided and abetted by the newspapers of this city.

City Engineer M. M. O'Shaughnessy has forwarded a letter setting forth the true conditions surrounding the action taken by the Board of Works on Hans Pederson's bid for the Twin Peaks work to the Seattle Record, which it is hoped will cause them to change their opinion of San Francisco and its business methods.

Following is the article from the Seattle Record and also City Engineer O'Shaughnessy's letter in reply:

Nearest to Everything

**POWELL ST. AT O'FARRELL**

Best located and most popular hotel in the City; circulating ice water in every room.

Especial attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management,

Chester W. Kelley

**SAN FRANCISCO PULLS RUDE
TOWN STUNT.**

Hurry Seattle Contractor Under Technicalities and Pass Big Job to California Man.

Former Hids Reduced.

City Eng. M. M. O'Shaughnessy of San Francisco, Cal., sent a special wire to the Daily Record stating that bids opened Wednesday and tabulated yesterday for the construction of the Twin Peaks tunnel in that city, show R. C. Storrie of San Francisco lowest bidder of four received, at \$3,372,000. Hans Pederson was third low at \$3,450,300.

The history of this job is interesting. Bids were first called for to be opened Aug. 20th. No bids were received as conditions were such in the demands made in the specifications that contractors could not see their way clear to finance the work. These conditions were changed somewhat and bids again called for. No one would submit figures and Hans Pederson, the Seattle contractor, was practically begged to give a figure. This he did after great expense in engaging engineers to estimate and examine the ground. Bids were opened and his was the only one received at \$3,475,300, and all indications pointed to a speedy signing of the contract and the work started. San Francisco and eastern contractors were deeply chagrined when it became apparent that a Seattle contractor was not afraid to tackle the biggest job the city had to offer, and immediately got busy. What wires they pulled is not known but that there were wires is evident. The daily papers started a campaign against Pederson and the fact that he was from Seattle and that the job ought to go to a home company. The city attorney found that his bid was not tendered on the city's regular bidding blank and selected his figure. With Mr. Pederson's figure public property the result as shown in the wire was to be expected.

The San Francisco Chronicle in the

course of its campaign against Pederson stated that "It was a shame that San Francisco had to go to the little town of Seattle to get a contractor to build its big tunnel."

Seattle may not compare as favorably as does San Francisco in point of population and it may be smaller (the next census will tell) but we are not small in principle and if there was ever a sample of lay town principle San Francisco has certainly got it written on her from Front St. to Sloat Boulevard and from the Golden Gate to Inglefield.

November 2, 1914.

EDITOR,

Seattle Daily Record,

Seattle, Washington,

Dear Sir:—

In your issue of October 30, 1914, I notice some statements headed "San Francisco Pulls Rube Town Stunt," in which are contained derogatory remarks regarding the procedure in awarding contracts on the Twin Peaks Tunnel project, in this City.

I am sure if you were fully advised of all the facts bearing on the subject you would not have been so unjust to the City of San Francisco and to an important department of its municipal government. Hans Pederson, the Seattle Contractor, like every other contractor who sought information with regard to the Twin Peaks Tunnel, was extended every courtesy by the City Officials, and in fact his plucky spirit in tackling this large project received our admiration and respect.

Printed forms of contract and specifications were made out by this Department of the Board of Public Works of the City of San Francisco, on which all intending bidders were to fill in the blanks on making out their bids. Mr. Pederson, however, under the advice of the Attorney, Mr. Metson, for the Scandinavian American Bank of Seattle, cut out with a scissors the pages from our printed forms which he should have filled in, and inserted special forms, drafted by Mr. Metson in lieu of the others. While we were very anxious to award this contract to Mr. Pederson, on the strength of advice from the City Attorney, who guides the legal policy of the City, the bid of Mr. Pederson was rejected. A very distinguished attorney, Mr. Charles Wheeler, was employed by Mr. Pederson to consult on the legality of his proposal, and his opinion was that Mr. Pederson's mutilation of the proposal blank made it illegal, and Mr. Pederson seemed to be entirely satisfied with the conclusion of his own attorney.

New bids were then advertised for by the Board of Public Works and were received on October 28, 1914, Mr. Pederson's bid being beaten by two independent firms, R. C. Storrie & Co., of San Francisco and Texas, and McArthur Brothers of Chicago and New York.

I can assure you that Mr. Pederson would have been just as welcome as any other bidder and that no discrimination was exercised against him because he was from Seattle or any other outside place.

Trusting you will give this letter the same prominence you gave the adverse comments on San Francisco, I am

Very respectfully yours,

M. M. O'SHAUGHNESSY,

City Engineer.

Three New Enterprise Will Locate Here.

Seattle and Portland Breweries Notify Their Local Representatives of Intention to Build Plants.

As a result of prohibition carrying in the States of Washington and Oregon, local representatives of the Seattle Brewing & Malting Co., of Seattle; Tacoma Brewing and Malting Co., Tacoma and Independent Brewing & Malting Co., Georgetown, Washington, have been informed of the intention of the manufacturers to move their equipment to San Francisco and erect suitable buildings in which to house them. Besides the three above named breweries, which are the largest in the West, two Portland breweries, Gambirinus Brewing Co. and Weinhard Brewing Co., are considering locations in either San Francisco, Oakland or Richmond.

C. F. Wagner, San Francisco representative of the Independent Brewing Co., has received a wire from Seattle stating that this company will come to San Francisco at once. John Rapp, representing the Seattle Brewing & Malting Co., states that Louis Hemrich, water expert for the company, will arrive in San Francisco shortly and locate a site. This company has a capital of \$2,000,000 and will expend about \$750,000 in constructing a new plant in this city. Nearly as much will be spent by the Tacoma Brewing & Malting Co. and in the neighborhood of \$500,000 by the Independent Brewing & Malting Company.

Architects To Raise War Relief Fund.

Strong Plea Being Made By American Architects for Funds With Which to Aid Stricken Europe.

A War Relief Fund is being raised among the Architects of America under the direction of the following well

known members of the profession: H. Christian Sturgis, Chairman, President of the American Institute of Architects; Frank Miles Day, Philadelphia; William M. Elliott, Baltimore; Charles A. Fayrot, New Orleans; Cass Gilbert, New York City; Elmer C. Jensen, Chicago; William M. Kendall, New York City; J. Lawrence Mauran, St. Louis; Edward Stoltz, Pittsburgh; C. H. Whitaker, Treasurer of the Fund; The Octagon, Washington, D. C.; E. C. Kemper, Clerk of the Committee.

In calling on the profession, members of the Architects of American War Relief Fund make the following appeal:

The debt which architecture owes to the countries of Europe is neither measurable in words nor payable in money, but in view of the appalling conditions brought about by the present war—the terrible suffering—the threatened destruction of that which can never be replaced—it is eminently fitting that the Architects of America should unite and in the name of their profession and their art, do their part toward affording some measure of relief to those upon whom this horrible burden of the most frightful war the today bearing the almost intolerable world has ever seen.

Help extended at such a moment is a solemn obligation upon those who are spared the indescribable anguish and horror which war heaps upon the men, women and children who lie in its path.

Money is needed—in vast sums—and it is profoundly hoped that every architect will contribute in the largest possible measure. It is further sincerely hoped that every architect will give something—for the Committee wish that this fund may not only be large but that it may be truly representative of the profession, which, more than all others, owes its inspiration to the forebears of these people who are catastrophe has fallen.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
3669	Hall	Hall	3000
3670	Hall	Hall	3000
3671	Spence	Spence	2500
3672	Allen	Allen	6000
3673	Stevens	Stevens	1900

City Bids Opened.

Fourteen Sets of Figures Received by Board of Public Works For Shop Building for The City.

Bids were opened at Friday's meeting of the Board of Public Works for constructing the two-story brick and steel shop building for the Department of Electricity. Three propositions were considered, the lowest bid on each being submitted by T. E. Davis & Son, who will probably be awarded the contract. Fourteen bids were submitted. Following is a complete list of the figures:

Bidder	Prop. No. 1	Prop. No. 2	Prop. No. 3
1 W. A. Newson	\$13,700	\$12,430	\$1,270
2 T. W. McClenahan & Co.	14,700	13,550	1,300
3 Ward & Goodwin	15,500	14,400	1,500
4 James L. McLaughlin	13,888	12,731	1,400
5 Heckenroth & Schell	14,705	13,459	1,346
6 John J. Leonard	14,868	13,437	1,600
7 R. Rountree	16,417	15,000	1,417
8 C. L. Wold Co.	14,596	13,596	1,900
9 T. E. Davis & Son	13,269	11,851	.....
10 Isaac Penny	void	void	void
11 R. Ringrose & Son	15,150	14,000	1,150
12 O. C. Holt	15,200	13,180	2,020
13 Hogberg & Ludwig	14,757	13,547	1,190
14 Fred C. Jones	13,948	12,902	1,146

3674	Nolan	2400
3675	Ellers	2341
3676	Cal Canniers	3900
3677	Maguire	2450
3678	Dittman	1840
3679	Voorman	8850
3680	Cardashian	590
3681	Pignaz	4203
3682	Gendotti	2795
3683	Renish	3400
3684	Sokolov	1500
3685	Clift	1150
3686	Same	850
3687	Person	2000
3688	Same	2000
3689	Carlsen	2350
3690	Jersey Lunch	1000
3691	Sorracco	500
3692	Lacay	800
3693	Siller	450
3694	O'Neill	450
3695	Horstmeier	1000
3696	Mullin	2000
3697	Roschke	400
3698	Levy	1350
3699	Keohane	400
3700	Lazarini	1150
3701	Butler	12400
3702	Levy	742
3703	Schumacher	5000
3704	Taravellier	4355
3705	Lumbrman's Bld.	10480
3706	Ducas	1500
3707	Same	1500
3708	Same	1500
3709	Same	1500
3710	Same	1500
3711	Same	1500
3712	Nelson	2500
3713	Same	2500
3714	Same	2500
3715	Same	2500
3716	Same	2500
3717	Same	2500
3718	Cummings	750
3719	Cal Hair Dress.	500
3720	Cunningham	500
3721	Scott	800
3722	Warwick	21000
3723	McCall	500
3724	Goodwin	750
3725	Dickson	1000
3726	Lowenstein	1870
3727	Barend	3160
3728	Kage	6400
3729	Same	3750
3730	Paymiller	1920
3731	Owens	8500
3732	Dixon	1925
3733	Ackerman	850
3734	Johansen	1450
3735	England	900
3736	Hamilton	800
3737	Yee Sang	400
3738	Muragama	1000
3739	Young	1250
3740	Bell	3000
3741	Kirby	600
3742	McCarthy	600
3743	Martinoli	400
3744	Noffet	800
3745	Price	400
3746	Bauchan	500
3747	Herman	5045
3748	Micalizzi	5045

FRAME DWELLING

(3669) E TWELFTH AVE 75 N Balboa. Two-story and basement frame dwelling.

Owner.....C. A. Hall, 1318 5th Ave., San Francisco.

Architect...None.

Day's work. COST, \$3000

FRAME DWELLING

(3670) E TWELFTH AVE 175 N Balboa. Two-story and basement frame dwelling.

Owner.....C. A. Hall, 1318 5th Ave., San Francisco.

Architect...None.

Day's work. COST, \$3000

FRAME DWELLING

(3671) E NINETEENTH AVE 200 N Balboa. Two-story and basement frame dwelling.

Owner.....Spence & Feerick, 537 25th Ave., San Francisco.

Architect...E. J. Spence, 537 25th Ave., San Francisco.

Day's work. COST, \$2500

FRAME DWELLING

(3672) E EIGHTH AVE 66 N Moraga.

Two-story and basement frame dwlg

Owner.....H. B. and L. D. Allen, 128 Sutter, San Francisco.

Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.

Contractor...Allen & Co., 128 Sutter, San Francisco.

COST, \$6000

FRAME DWELLING

(3673) N ARLINGTON 425 W Roanoke

One-story and basement frame dwlg.

Owner.....S. Stevens, Sausalito, Cal.

Architect...None.

Day's work. COST, \$1900

FRAME COTTAGE

(3674) W SEVENTEENTH AVE 200 S

Anza. Two-story and basement

frame cottage.

Owner.....Wm. P. Nolan, 1550 Fillmore, San Francisco.

Architect...None.

Day's work. COST, \$2400

FRAME RESIDENCE

(3675) W THIRTY-SIXTH AVE 125

N Balboa. All work for two-story

and basement frame residence.

Owner.....John Ellers.

Architect...None.

Contractor...C. L. Knight.

Filed Nov. 2, '14. Dated Nov. 2, '14.

Rough frame up.....\$585.35

Brown coated.....585.35

Completed and accepted.....585.35

Usual 35 days.....585.35

TOTAL COST, \$2341.40

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RETAINING WALL

(3676) E HYDE, bet. Beach and Jefferson and along curb line E Hyde, bet. Beach and Jefferson. Excavating, form work, concrete and reinforcing steel, pipe rail work for reinforced concrete retaining wall.

(cement furnished by owner).

Owner.....California Fruit Canneries' Association, 120 Market, San Francisco.

Engineer...Philip L. Bush, 2321 Van Ness Ave., S. F.

Contractor...Daniel L. Bienfield & Co., 323 Phelan Bldg., S. F.

Filed Nov. 2, '14. Dated Oct. 30, '14.

On completion of pouring 200

yards of concrete.....\$1000

Completed and accepted.....1900

Usual 35 days.....1000

TOTAL COST, \$3200

Bond, none. Limit, 30 days. Forfeit, \$20. Plans and specifications, none.

FRAME RESIDENCE

(3677) N HARRISON 221 E 6th E 25

XN 85. All work for two-story frame

residence.

Owner.....Jas. A. Maguire, 32 Clay, San Francisco.

Architect...None.

Contractor...James A. Maguire, 32 Clay, San Francisco.

Filed Nov. 2, '14. Dated Oct. 31, '14.

Day work.....

TOTAL COST, \$2450

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Oct. 31, No. 3652.

FRAME FLATS

(3678) LOT 8 BLK "W" Park Lane Tract No. 2. House moving, foundations, carpenter work, excavation, roofing and glazing for two-story

and basement frame flats to be moved from Nos. 26-28 Eureka.

Owner.....Adolph Dittmann, 1248 5th

Ave., San Francisco.

Architect...H. Geilfuss & Son, 46

Kearny, San Francisco.

Contractor...O. C. Holt, 110 Jessie, S. F.

Filed Nov. 2, '14. Dated Oct. 29, '14.

Building moved and concrete

foundation in place.....\$690

Completed and accepted.....690

Usual 35 days.....460

TOTAL COST, \$1840

Bond, \$1000. Sureties, J. B. Reite and

C. L. Wold. Limit, 40 days from Sept.

5. Forfeit, \$5. Plans and specifications

filed.

APARTMENTS

(3679) NW BUSH AND MASON N 100

W 68-9 S 100 E 68. Mason, carpenter,

electric, glazing, heating, marble,

tile, ornamental iron, painting, lath,

plaster, plumbing, sheet metal, roof-

ing, etc., for Class "C" steel frame

apartment house.

Owner.....Henry A. Voorman, Gdn.,

110 Market, San Francisco.

Architect...B. G. McDougall, Sheldon

Bldg., San Francisco.

Contractor...E. A. Palmer, Monadnock

Bldg., San Francisco.

Filed Nov. 2, '14. Dated Oct. 31, '14.

As work progresses.....75%

Usual 35 days.....25%

TOTAL COST, \$88,520

Bond, \$426. Surety, Fidelity & Deposit

Co. of Baltimore. Limit, April 30,

1915. Forfeit, \$100. Plans and spec-

ifications filed.

CONCESSION

(3680) EXPOSITION SITE. Clearing and grading lot for Oriental Village

Concession.

Owner.....V. Cardashian.

Architect...G. A. Applegarth, Claus

Spreckels Bldg., S. F.

Contractor...Northwestern Constr. Co.,

Merchants' Exchange Bldg.,

San Francisco.

Filed Nov. 2, '14. Dated Oct. 31, '14.

On 1st of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$590

Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications

filed.

FRAME STORE BUILDING

(3681) E MISSION 275 N 17th N 25xE

105 MR 41. All work for one-story

frame store building.

Owner.....Rose Pignaz.

Architect...Chas. J. I. Devlin, Pacific

Bldg., San Francisco.

Contractor...Henry Conrad, 2854 Pine,

San Francisco.

Filed Nov. 4, '14. Dated Oct. 27, '14.

Frame up.....\$1200

Brown coated.....750

Completed and accepted.....1200

Usual 35 days.....1053

TOTAL COST, \$4203

Bond, \$2110. Sureties, Clara Ruppert

and Paola Parente. Limit, 60 days.

Forfeit, \$5. Plans and specifications

filed.

STORE BUILDING

(3682) NE HAYES AND OCTAVIA N

120XE 38-3. Concrete, cement work,

and slide walk lights for one-story

and basement store building.

Owner.....L. Gendotti Est. Co., Inc.,

1st National Bank Bldg.,

San Francisco.

Architect...O'Brien Bros., 519 Califor-

nia, San Francisco.

Contractor..Stanquist & Forbes, Mo-
nadnock Bldg., S. F.
Filed Nov. 4, '14. Dated Oct. 29, '14.
Walls and piers have forms built
for same\$524
Walls poured 4 feet high..... 524
All walls poured with piers..... 524
Completed and accepted..... 524
Usual 35 days..... 699

TOTAL COST, \$2795
Bond, \$1400. Surety, The Aetna Acci-
dent & Liability Co. Limit, 30 days
after notification. Forfeit, \$5. Plans
and specifications filed.

FRAME DWELLING
(3683) E SIXTH AVE 275 N Judah N
25x4E 120. Carpenter, plumbing,
painting, etc., for one-story frame
dwelling.

Owner.....George W. Renish, 1683 9th
Ave., San Francisco.
Architect...None.
Contractor..Michael C. Rench, 1427 5th
Ave., San Francisco.
Filed Nov. 4, '14. Dated Nov. 4, '14.
Frame up\$850
Brown coated 850
Completed 850
Usual 35 days..... 850

TOTAL COST, \$3400
Bond, \$1700. Surety, American Surety
Co. Limit, 90 days from recording.
Forfeit, none. Plans and specifications
filed.

CLASS "A" HOTEL
(3684) W POWELL 91-3 N Post N 46-1
xW 80. Sheet metal work for 15-
story, attic, mezzanine and basement
Class "A" hotel.

Owner.....J. Sokolov, 1857 O'Farrell,
San Francisco.
Architect...Rousseau & Rousseau,
Monadnock Bldg., S. F.
Contractor..Crown Cornice Works, 186
Shipley, San Francisco.
Filed Nov. 4, '14. Dated Oct. 27, '14.
Main cornice set.....\$600
Completed and accepted..... 400
Usual 35 days..... 500

TOTAL COST, \$1500
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

HOTEL
(3685) SE GEARY AND TAYLOR S
137-6x4E 87-6. Buffet bars and lunch
counter in building.

Owner.....Clift Realty Co., 1st Nat'l.
Bank Bldg. by P. J. Walker
Agent, Monadnock Bldg.,
San Francisco.

Architect...G. A. Applegarth, Claus
Spreckels Bldg., S. F.
Contractor..William Bateman, 2215
Howard, San Francisco.

Filed Nov. 4, '14. Dated Nov. 2, '14.
Payments semi-monthly of.... 75%
36 days after..... 25%
TOTAL COST, \$1150

Bond, \$575. Surety, Massachusetts
Bonding & Insurance Co. Limit, not
to delay other work. Forfeit, \$50.
Plans and specifications filed.

(3686) BRICK BAKE OVEN ON
above.

Contractor..J. P. Glaser & Co., 2070
Union, San Francisco.
Filed Nov. 4, '14. Dated Nov. 2, '14.
Payments same as above.....

TOTAL COST, \$850
Bond, \$425. Surety, National Surety Co
Limit, 12 days after notification. For-
feit, \$10. Plans and specifications filed

FRAME DWELLING
(3687) E ELEVENTH AVE 111 S
Judah. One and one-half-story and
basement frame dwelling.
Owner.....E. M. Person, 1447 23rd,
San Francisco.
Architect...None.
Contractor..T. Boehm, 4419 19th, S. F.
COST, \$2000

FRAME DWELLING
(3688) E ELEVENTH AVE 89 S
Judah. One and one-half-story and
basement frame dwelling.
Owner.....E. M. Person, 4447 23rd,
San Francisco.
Architect...None.
Contractor..T. Boehm, 4419 19th, S. F.
COST, \$2000

FRAME DWELLING
(3689) W SURREY 95 S Van Buren.
Two-story and basement frame dwlg
Owner.....Wade & Carlsen, 71 Pierce
San Francisco.
Architect...None.
Day's work..... COST, \$2850

REPAIRS
(3690) NO. 29 NEW MONTGOMERY.
Make repairs in basement for
restaurant.
Owner.....Jersey Lunch Co., Prem.
Architect...None.
Day's work..... COST, \$1000

ALTERATIONS
(3691) E GRANT AVE 43-6 S Filbert.
Excavate and concrete foundation.
Owner.....A. Sorracco, 1540 Grant
Ave., San Francisco.
Architect...None.
Day's work..... COST, \$500

ALTERATIONS
(3692) NO. 78 ELLIS. Construct mez-
zanine floor.
Owner.....L. Lacay, Premises.
Architect...None.
Contractor..J. Salanave.
COST, \$800

ALTERATIONS
(3693) SW PINE AND MASON. Alter
store into social hall.
Owner.....Siller Bros., 829 Fell, S. F.
Architect...None.
Day's work..... COST, \$400

ASPHALT ROOF
(3694) NO. 5153 SCOTT. Composition
asphalt roof (5 ply).
Owner.....Carrie O'Neil Premises.
Architect...None.
Contractor..E. H. Denke, 1317 Hyde,
San Francisco.
COST, \$450

MOVE DWELLING
(3685) E ORD 300 N 17th. Move dwlg
Owner.....C. Horstmeyer, Premises.
Architect...None.
Contractor..m. Horstmeyer Co., 43
Eureka, San Francisco.
COST, \$1000

FRAME DWELLING
(3696) W NINETEENTH AVE 275 S
Cahillero. One-story and basement
frame dwelling.
Owner.....Mr. Mullin, 478 19th Ave.,
San Francisco.
Architect...None.
Day's work..... COST, \$2000

ALTERATIONS
(3697) E EUREKA 122-6 S 21st.
Alter dwelling.

Owner.....H. Raabala, 777 Latrobe
San Francisco.
Architect...None.
Day's work..... COST, \$100

FRAME DWELLING
(3698) E NINTH AVE 100 S Geary
Two-story and basement frame dwlg
Owner.....Harry Foley, 5 Powell,
San Francisco.
Architect...E. A. Larsen, Merchant
Bank Bldg., S. F.
Day's work..... COST, \$2500

ALTERATIONS
(3699) NO. 1506 DOLORES. Rube
and under-pin flats.
Owner.....Mrs. Keoghane.
Architect...None.
Day's work..... COST, \$400

FRAME COTTAGE
(3700) W CASTRO 126 S Day S 25xW
105. All work except rat proofing
for one-story and rough basement
frame cottage.
Owner.....Santi Lazzarini and Selina
Lazzarini.
Architect...None.
Contractor..J. B. Demartini, 3429 26th,
San Francisco.

Filed Nov. 5, '14. Dated Nov. 4, '14.
House completed\$500
Usual 35 days..... 650
TOTAL COST, \$1150
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME RESIDENCE
(3701) NE LAKE AND TWENTIETH
Ave N 100x4E 32-6. All work except
wall paper for three-story and base-
ment frame residence.
Owner.....Frank Butler.
Architect...Edw. E. Young, 251 Kear-
ny, San Francisco.
Contractor..Thos. Seoble, 363 14th
Ave., San Francisco.

Filed Nov. 5, '14. Dated Nov. 5, '14.
2nd floor joists on.....\$2325
Enclosed and roof on..... 2325
Plastering completed 2325
Completed and accepted..... 2325
Usual 35 days..... 3100
TOTAL COST, \$12,400
Bond, \$6200. Surety, Southwestern
Surety Insurance Co. Limit, 100 days.
Forfeit, none. Plans and specifications
filed.

ALTERATIONS
(3702) COM. 275 SE PHELPS and 49
NE from E Hudson Ave NE 26 SE
100 m or 1 to W line Railroad Ave
26 SE at r back to starting point.
Lot 25 Bk 138 O'Neil and Haley Trl.
Alterations and additions to two-
story frame building
Owner.....Nathan Levy.
Architect...None.
Contractor..M. Eiberger.

Filed Nov. 5, '14. Dated Nov. 4, '14.
Ready for plastering.....\$450
Standing finish on..... 500
Accepted 500
Usual 35 days..... 500
TOTAL COST, \$1950

Bond, none. Limit, 80 days. Forfeit,
none. Plans and specifications filed.

APARTMENTS
(3703) N O'FARRELL 74 W Larkin
W 63-6xN 120 W A 10. All work for
four-story and basement reinforced
concrete Class "C" apartments.
Owner.....Maria Schumacher, L. W.
and Hermine Ludemann,
1081 Park Ave., Alameda.

Architect...Wm. Wilde, 1st National Bank Bldg., S. F.
 Contractor...Richard Sinnott, 1323 Guerrero, San Francisco.
 Filed Nov. 5, '14. Dated Nov. 2, '14.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$50,000
 Bond, \$25,100. Surety, Pacific Coast Casualty Co. Limit, 125 days. Forfeit, \$10. Plans and specifications filed.

BRICK ROOMING HOUSE

(3704) S O'FARRELL bet. Mason and Taylor; No. 359 O'Farrell. Alterations and additions to 5-story brick rooming house.

Owner...Justin Taravellier.
 Architect...Havens & Toepke, 46 Kearny, San Francisco.
 Contractor...H. W. Arnold, 237 Chattanooga, San Francisco.
 Filed Nov. 5, '14. Dated Nov. 4, '14.
 Rough plumbing in, partitions set and brown coated.....\$1000
 Hard finish done, standing finish up and doors hung..... 1000
 Completed and accepted..... 1255
 Usual 35 days..... 1100
TOTAL COST, 4355
 Bond, \$1100. Surety, The Aetna Accident & Liability Co. Limit, Jan. 1, '15. Forfeit, \$20. Plans and specifications filed.

EXHIBIT BUILDING

(3705) EXPOSITION SITE. All work for frame building for exhibition and club purposes.

Owner.....The Lumberman's Bldg. & House of Hoo Hoo.
 Architect...B. R. Maybeck and M. H. White, Lick Bldg., S. F.
 Contractor...Fred P. Fischer and Val Franz, 180 Jessie, S. F.
 Filed Nov. 5, '14. Dated Nov. 4, '14.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$10,480
 Bond, \$5240. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(3706) N THOMAS AVE 50 W Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3707) N THOMAS AVE 100 W Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3708) N THOMAS AVE 300 W Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3709) N THOMAS AVE 75 N Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3710) N THOMAS AVE 125 W Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3711) N THOMAS AVE 275 W Jennings One-story and basement frame dwlg.
 Owner.....S. Ducas, 964 Market, S. F.
 Architect...None.
 Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

FRAME DWELLING

(3712) E HILLWAY 130 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME DWELLING

(3713) W HILLWAY 80 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME DWELLING

(3714) E HILLWAY 105 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME DWELLING

(3715) E HILLWAY 80 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME DWELLING

(3716) W HILLWAY 130 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME DWELLING

(3717) W HILLWAY 105 S Carl. Two-story and basement frame dwelling.
 Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
 Architect...None.
 Day's work.....
COST, \$2500

FRAME OFFICE

(3718) — LOMBARD 40 — 'Gough. One-story frame office.
 Owner.....S. C. Cummings.
 Architect...None.
 Contractor...Strehlow, Freese & Peterson, Exposition grounds, S. F.
COST, \$750

STAIRWAY

(3719) NO. 967 MARKET. Construct stairway.
 Owner.....California College of Hair Dressing, Premises.
 Architect...None.
 Contractor...Moller & Sons, 529 Jessie, San Francisco.
COST, \$100

ALTERATIONS

(3720) NO. 381 TENTH. Repairs and alterations.

Owner.....Geo. M. Cumming, 3653 16th, San Francisco.
 Architect...None.
 Contractor...W. L. Graff, 1282 Turk, San Francisco.
COST, \$500

ALTERATIONS

(3721) NO. 980 ASHBURY. Alter for garage and dwelling.
 Owner.....W. Scott, Premises.
 Architect...None.
 Contractor...Pettersson & Persson, 62 Post, San Francisco.
COST, \$500

FRAME APARTMENTS

(3722) SW WEBSTER AND SACRAMENTO. Three-story and basement frame (12) apartments.
 Owner.....Maud Warwick, 3369 Jackson, San Francisco.
 Architect...Chas. Skidmore, 65 Post, San Francisco.
 Contractor...Harry Warwick, Hearst Bldg., San Francisco.
COST, \$21,000

REPAIR THEATRE

(3723) N CORTLAND 33 W Moultrie. Repair theatre.
 Owner.....H. A. McCall, 5321 Mission, San Francisco.
 Architect...M. J. Welsh, 22nd and Howard, San Francisco.
 Day's work.....
COST, \$500

ADDITIONS

(3724) NOS. 2243-45 FIBLEERT. Add stairs and 3 rooms and porch to dwlg.
 Owner.....Julia Goodwin, Premises.
 Architect...None.
 Contractor...Ward & Goodwin, 110 Jessie, San Francisco.
COST, \$750

FRAME DWELLING

(3725) SW CARL AND WILLARD. One and one-half-story and basement frame dwelling.
 Owner.....James R. Dickson, 1321 Willard, San Francisco.
 Architect...None.
 Day's work.....
COST, \$1000

RESIDENCE

(3726) SW BROADWAY & WEBSTER W 107-6XS 38-24. Plumbing and gas fitting for residence.
 Owner.....S. Lowenstein, Kearny & Sutter, San Francisco.
 Architect...G. Albert Lansburgh, M. A. Gunst Bldg., S. F.
 Contractor...Frederick W. Shook Co., 596 Clay, San Francisco.
 Filed Nov. 6, '14. Dated Nov. 3, '14.
 Rough plumbing done.....\$700
 Completed and accepted..... 700
 Usual 35 days..... 470
TOTAL COST, \$1870
 Bond, \$1000. Surety, United States Fidelity & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

STORE AND APARTMENTS

(3727) E LYON 59 S Lombard. All work except gas and electric fixtures and shades for two-story frame store and apartments.
 Owner.....Simond and Lillian Barend 1253 41st Ave., S. F.
 Architect...None.
 Contractor...C. Wengard, 1256 34th Ave., San Francisco.
 Filed Nov. 6, '14. Dated Nov. 2, '14.
 Rafters on\$790
 Brown coated 790

Wednesday, Nov. 11, 1914.

Completed and accepted..... 790
Usual 35 days..... 790
TOTAL COST, \$3160
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

FLATS

(3728) W HOWARD 75 N Adair N 30
xw 125. All work for two-story and
basement frame flats.
Owner.....L. H. and H. R. Kage, 11
Rondell Place, S. F.
Architect...M. Mattanovich, Hewes
Bldg., San Francisco.
Contractor...Beach & Heffernan, 995
Market, San Francisco.
Filed Nov. 6, '14. Dated Oct. 23, '14.
Frame up\$1200
Building enclosed 1200
Brown coated 1000
Completed and accepted..... 1400
Usual 35 days..... 1600
TOTAL COST, \$6400
Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

FRAME FLATS

(3729) W HOWARD 75 N Adair. All
work except mill work, plumbing,
electric, painting, glass, glazing,
finish hardware, lighting fixtures and
shades for two-story and basement
frame flats.
Owner.....L. H. and H. R. Kage, 11
Rondell Place by Beach &
Heffernan, 995 Market, S. F.
Architect...M. Mattanovich, Hewes
Bldg., San Francisco.
Contractor...J. L. Spiletak & Co., 1488
Vallejo, San Francisco.
Filed Nov. 6, '14. Dated Oct. 31, '14.
Foundation in\$ 600.00
Frame up 1000.00
Brown coated 500.00
Completed and accepted..... 712.50
Usual 35 days..... 937.50
TOTAL COST, \$3750.00
Bond, \$1875. Surety, Pacific Coast
Casualty Co. Limit, forfeit, plans and
specifications, none.

FRAME BUILDING

(3730) SE CHESTNUT AND PIERCE.
Alterations and additions to two-
story frame building.
Owner.....John and Christina Pay-
miller, Premises.
Architect...W. O. Banks, 2325 Larkin,
San Francisco.
Contractor...Elmer J. Montgomery,
1318 Broadway, S. F.
Filed Nov. 6, '14. Dated Nov. 5, '14.
Lathing on\$710
Work accepted 710
Usual 35 days..... 500
TOTAL COST, \$1920
Bond, \$500. Sureties, Chas. Schlessinger
and Jno. H. Brickwedel. Limit, 40
days. Forfeit, none. Plans and speci-
fications filed.

FRAME STORE AND ROOMS

(3731) E FILLMORE 125 N Sutter
X 25 E 100 S 12-6 E 2-6 S 12-6 W
102-6. All work for three-story
frame store and rooms.
Owner.....Eleanor M. Owens.
Architect...None.
Contractor...Gustav Sandberg.
Filed Nov. 6, '14. Dated Nov. 6, '14.
Grading and foundations done.....\$1275
Frame up and rough plumbing
in 1275
Roof on and building enclosed 1275
1st coat plaster on..... 1275
Completed and accepted..... 1275
Usual 35 days..... 2125
TOTAL COST, \$8500

BUILDING AND INDUSTRIAL NEWS

Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

FRAME DWELLING

(3732) E COOK 264-4 N Geary N 23-3
x E 120 M A 641. Alterations and ad-
ditions to two-story frame dwlg.
Owner.....Catherine Dixon (Truly Mc-
Guire), 51 Cook, S. F.
Architect...None.
Contractor...Mark Hardy, 65 Steuben,
San Francisco.
Filed Nov. 6, '14. Dated Oct. —, '14.
Foundation completed\$481.25
Roof shingled 481.25
Completed and accepted..... 481.25
Usual 35 days..... 481.25
TOTAL COST, \$1925.00
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

ELECTRIC SIGN

(3733) NO. 645 BROADWAY. Electric
sign.
Owner.....Ackerman & Harris, Hum-
boldt Bank Bldg., S. F.
Architect...None.
Contractor...Brumfield Elec. Co., 18 7th,
San Francisco.
COST, \$850

FRAME DWELLING

(3734) N EAGLE 98-3 SE Moss. One-
story and basement frame dwelling.
Owner.....E. M. Johansen, 1706 12th
Ave. (South), S. F.
Architect...None.
Day's work. COST, \$1450

ALTERATIONS

(3735) NE DOUGLASS AND 19TH.
Alter and repair dwelling.
Owner.....Mary D. England, 19 Dia-
mond, San Francisco.
Architect...W. A. Herman, 37 States,
San Francisco.
Contractor...Joel Johnson, 110 Jessie,
San Francisco.
COST, \$900

FRAME DWELLING

(3736) W ANDOVER 75 N Powhattan
One-story and basement frame dwlg.
Owner.....C. W. Hamilton, 1312 Na-
toma, San Francisco.
Architect...None.
Day's work. COST, \$800

ALTERATIONS

(3737) SE GRANT AVE & JACKSON.
Change front and alter interior.
Owner.....Yee Sang & Co., 56 Wash-
ington, San Francisco.
Architect...None.
Contractor...Geo. Nimmo, 624 Clay, S. F.
COST, \$500

ADDITION

(3738) NO. 1624 POST. Add one room
and alter.
Owner.....H. Muragama, Premises.
Architect...None.
Day's work. COST, \$400

REPAIRS

(3739) NO. 2454 MISSION. Repair
fire damage.
Owner.....Jos. Young, 827 Guerrero,
San Francisco.
Architect...None.
Contractor...Robt. W. Young, Burlin-
game, Cal.
COST, \$1000

FRAME DWELLING

(3740) N NEY 150 E Condon. One-
story and basement frame dwelling.

Owner...Rita (Truly McGuire),
San Francisco.
Architect...None.
Contractor...Chas. Bell, 466 Maynard,
San Francisco.
COST, \$120

FRAME DWELLING

(3741) W TWELFTH AVE 100 N
Anza. Two-story and basement
frame dwelling.
Owner...J. C. Kirby, 1122-A Market,
San Francisco.
Architect...None.
Day's work. COST, \$5000

ALTERATIONS

(3742) NE BUSH & STOCKTON. Alter
entrance and lobby.
Owner...Harriet McCarthy.
Architect...W. D. Shea, Marston Bldg.,
San Francisco.
Day's work. COST, \$600

FRAME DWELLING

(3743) W BEMIS 10 S Roanoke. One
story and basement frame dwelling.
Owner.....S. Martinoli, 215 Bemis,
San Francisco.
Architect...None.
Day's work. COST, \$100

REPAIRS

(3744) NO. 132 COMMONWEALTH.
Repair roof and basement floor.
Owner.....Miss H. Moffet, Premises.
Architect...None.
Contractor...Collman & Collman, Shar-
on Bldg., San Francisco.
COST, \$100

ALTERATIONS

(3745) NO. 238 BUENA VISTA. Raise
and alter dwelling.
Owner.....Mrs. M. Price, 218 Buena
Vista Ave., S. F.
Architect...None.
Contractor...John Moroncelli, 11 Ben-
nington, San Francisco.
COST, \$300

REPAIRS

(3746) NO. 124 TWENTY-THIRD AVE.
Repair fire damages.
Owner.....J. Bauchaen, Premises.
Architect...None.
Contractor...Wm. Little, 753 8th Ave.,
San Francisco.
COST, \$100

ALTERATIONS

(3747) N EIGHTEENTH 275 W Hattie
New foundation and make repairs.
Owner.....F. Hermann, 105 Folsom,
San Francisco.
Architect...None.
Day's work. COST, \$500

STORES AND FLATS

(3748) S CHESTNUT 70 E Scott E 4x
S 25. All work for three-story and
basement frame stores and flats.
Owner.....Frank & Cesira Micalizzi,
3590 Scott, San Francisco.
Architect...None.
Contractor...W. E. Grant, 1023 Irving,
San Francisco.
Filed Nov. 7, '14. Dated Nov. 4, '14.
Foundation in\$ 500
2nd floor joists up..... 600
Roof boarding on..... 700
Brown coated 900
Building finished 1050
Usual 35 days..... 1250
TOTAL COST, \$5000

Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Nov. 4, 1914—SE JACKSON & GRANT Ave E 31-74xS 70. Hannah Keesling as to improvements on leased property.....

RELEASE OF BUILDING CONTRACT.

Nov. 5, 1914—N O'FARRELL near Larkin. Maria Schumacher, H W & Hermine Ludemann with Richard Sinnott. Released. Nov. 2, 1914.....

NOTICE OF NON-LIABILITY.

Nov. 5, 1914—NO. 29 NEW MONTGOMERY NE line bet Market and Mission. Merchants National Bank of San Francisco as to improvements on leased property.....

NOTICE OF NON-RESPONSIBILITY.

Nov. 6, 1914—E FILLMORE 68-9 N O'Farrell N 68-9x E 107. A C Springer and Helen G Jacobs as to improvements on leased property.....

ARCHITECT'S CERTIFICATE.

Nov. 4, 1914—Ralph Wyckoff has filed his certificate of architecture for San Francisco County.....

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Oct. 1, 1914—SW ELEVENTH AVE and Anza. Alfred T Morris to whom it may concern. Sept. 30, 1914
Oct. 1, 1914—E JONES 125 N Lombard N 25x E 137-6. P Bacigalupi to G Caranza & Bro and A Curran.....September 23, 1914
Oct. 1, 1914—SE MARKET 375 S W Third SW 25xSE 100. P Berges, Jeanne, Juliette H, Henry J and Alice Berger and Eugenie B Muller to C D Rankin Constr Co. Sept. 26, '14
Oct. 2, 1914—E SIXTEENTH AVE 180-3 N Clement N 26x135. Jeanette Yates to whom it may concern.....Sept. 30, 1914
Oct. 2, 1914—LOT 12 BLK 18 Allred's Sub Blks 17 and 18 West End Map No. 1. Watson A Titus to whom it may concern.....Oct. 2, 1914
Oct. 2, 1914—LOT 13 BLK 8, De Boom Tct. Andrew Olsen to C W Hansen.....Sept. 26, 1914
Oct. 2, 1914—E DIAMOND 25-6 N 28th 25x105; No. 1543 Diamond. Francis Beldon to whom it may concern.....Sept. 26, 1914
Oct. 2, 1914—N JACKSON 137-6 E Maple E 67-6 N 170 W 67-6 S 162. Alfred Suro to J Harold Johnson and Harry G Graper.....Oct. 2, 1914
Oct. 2, 1914—E MISSION 75-1 1/2 N 22nd E 122-6 N 30-5 1/2 W 123 m or 1 S 23-0 1/2. Jens P Nissum to whom it may concern.....Oct. 1, 1914
Oct. 2, 1914—S MINNA 125 W 8th S 80xW 25. P S O'Rourke to Walker Props.....Oct. 1, 1914
Oct. 2, 1914—E COLLINS 125 S Point Lobos Ave S 25x E 120. Mary A Ashurst to J D Bell.....Oct. 2, 1914
Oct. 3, 1914—S CHESTNUT 47 E Dupont E 48-9 S 120 W 25-9 N 48 W 23 N 72. J D Brown to Johnston & Co.....Oct. 2, 1914
Oct. 3, 1914—E TWENTY-SECOND Ave 200 N California N 25x E 120. James Welsh to James Welsh & Co

.....Sept. 24, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 100 N Anza N 25xW 120. Thos Hamill to whom it may concern.....Sept. 3, 1914
Oct. 3, 1914—SE THIRD AVE AND Hugo. Hazel C Bayles to John D Bayles.....Oct. 1, 1914
Oct. 3, 1914—S LOMBARD 137-6 E Powell E 68-9xS 137-6. Hugh McKevitt to Currie & Currie.....Oct. 2, 1914
Oct. 3, 1914—SW FRANKLIN AND Washington W 137-6xS 55. Sophie Grannis, extrx Estate Frank R Grannis, dec'd to whom it may concern.....Oct. 2, 1914
Oct. 3, 1914—W WHITNEY 575 S 30th S 25xW 125. Fairmount Blk 26. Mary Krukovsky (wife John) to G Cavaglieri.....Oct. 2, 1914
Oct. 3, 1914—W TWENTY-SECOND Ave 100 N Anza N 25xW 120. Thos Hamill to whom it may concern.....Oct. 3, 1914
Oct. 5, 1914—BELCHER NOS. 29, 31, 33 and 35. Dora Brady and Aaron Bercovitz to F A Klein.....Sept. 28, 1914
Oct. 5, 1914—W SEVENTEENTH AVE 253-11 N Clement N 25xW 120. Michael Costello to whom it may concern.....Oct. 5, 1914
Oct. 5, 1914—LOT 22 BLK "E" Add'n to Castro Street Add'n and Glen Park Terrace. Hans Heiser to whom it may concern.....Oct. 2, 1914
Oct. 5, 1914—N LAKE 25 E 17th Ave E 27-6xN 71-6. Jeannette G Meyerfeld to G G Moren.....Sept. 26, 1914
Oct. 5, 1914—E CAPITOL AVE 137-6 S Grafton S 37-6x E 112-6, being Lot 23 and S 1/2 Lot 24 Blk 13, Lakeview Frank P and Mary Resech to A Merlin.....Oct. 2, 1914
Oct. 5, 1914—LOT 2 BLK 36, Crocker Amazon Tract. John H Nelson to whom it may concern.....Oct. 3, 1914
Oct. 5, 1914—NW POWELL AND Sutter N 112-6xW 77-6. W F Perkins and H O Trowbridge to Ralph McLeran & C H Peterson.....Sept. 30, 1914
Oct. 5, 1914—E SIXTEENTH AVE 60 N Judah 25x100. Joseph Mignola to whom it may concern.....Sept. 29, '14
Oct. 5, 1914—E HOLLIS 90 N Ellis 23x55. Jacob Ladenheim and Morris Kugelman to John Ratto, Inc.....Sept. 25, 1914
Oct. 6, 1914—N BROADWAY 68-9 W Webster W 148-9xN 275. James L Flood to California Artistic Metal & Wire Co.....Sept. 26, 1914
Oct. 6, 1914—W TWENTY-FIFTH Ave 125 S Geary S 25 W 84 NW 25 m or 1 E 86-7 being Lot 6 Blk 259, Homestead Union. Joseph C Kirby to whom it may concern.....Oct. 6, 1914
Oct. 6, 1914—E THIRTY-FIFTH AVE 25 N Arza N 75x E 95. Leigh & Schultz to whom it may concern.....Oct. 6, 1914
Oct. 6, 1914—SE GEARY & TAYLOR S 137-6x E 87-6. Clift Realty Co to N Clark & Sons.....Oct. 1, 1914
Oct. 7, 1914—BROADWAY NO. 2517. Latham McMullin to Daniel O'Neill.....Oct. 1, 1914
Oct. 7, 1914—E THIRTEENTH 50 N Harrison. Wm Y Lawton to Chas G Adams.....Oct. 3, 1914
Oct. 7, 1914—NW VAN NESS AVE & Chestnut W 125.8 m or 1 S 264 m or 1 W 121.8 S to N Lombard th along N Lombard to W Lyon N to S shore of Bay of S F, E to W Van Ness Ave S to bug, excepting ptn U. S. Government Fort Mason

Reserv. lying N of Fort Mason as same is now existing, excepting also Blks 249 and 250, Harbor View Add'n. Panama-Pacific International Exposition Co to G R Boller.....Sept. 29, 1914
Oct. 7, 1914—N CLAY 80 W Mason 29-6x120. Rosa Arata to J Salanave.....Oct. 6, 1914
Oct. 7, 1914—E COMMONWEALTH Ave 298-67 N Geary N 40 E 159-14 to a point on a line drawn parallel with W Parker Ave 120 W Parker Ave S 39-16 W 5 S 0-6 1/2 W along a line drawn through pt of beg at right angles to E Commonwealth Ave 158-20. Jeannette A Jordan to L V Riddle.....Oct. 6, 1914
Oct. 7, 1914—E NINTH AVE 325 N Fulton N 25x E 120. Joseph A De La Fontaine to J Harold Johnson.....Oct. 5, 1914
Oct. 8, 1914—W NINETEENTH AVE 130 S Anza S 50xW 120. Wilhelmina Bahrs to whom it may concern.....Oct. 6, 1914
Oct. 8, 1914—NE SIXTEENTH AND Mission N 260x E 240. Henry Investment Co to H S Tittle.....Oct. 6, 1914
Oct. 8, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris Hyman, Joseph, Julia Hyman, Theresa Stone, Emilie Baruch and Henry W Hyman Estate to Malott & Peterson.....Oct. 6, 1914
Oct. 8, 1914—S CALIFORNIA 107-6 W 24th Ave W 25xS 100. W A Smith to Thos Hamill.....Oct. 7, 1914
Oct. 8, 1914—NE SIXTEENTH AND Mission N 260x E 240. Henry Investment Co to C W and H F Wagner.....Oct. 6, 1914
Oct. 8, 1914—S PACIFIC AVE 32-6 E Walnut E 100xS 127-5 1/2. Katherine P Hooker to John Foster.....Oct. 5, 1914
Oct. 8, 1914—THE EMPORIUM on S Market, bet 4th and 5th. The Emporium, lessee to J R Wilson and Jas T Ludlow.....Sept. 25, 1914
Oct. 8, 1914—N PACIFIC 114-6 W Hyde W 23xN 87-6. A C Lomelino to J W Lomelino.....Oct. 8, 1914
Oct. 9, 1914—S O'FARRELL 139 E Van Ness Ave E 62-6xS 120. Martin S Show to T E Davis & Son.....Oct. 8, 1914
Oct. 9, 1914—E MISSION 245 S 16th S 25x E 105. David Jacobs to Schroder & McIntosh.....Oct. 8, 1914
Oct. 9, 1914—LOT 2 BLK 24 Crocker Amazon Tract. Abraham Areson to whom it may concern.....Oct. 9, 1914
Oct. 9, 1914—LOT 432 Gift Map No. 2. Charles W Anderson to whom it may concern.....Oct. 8, 1914
Oct. 9, 1914—SE POST & LEAVENWORTH S 137-6x E 137-6. The Schmiedel Estate to Mangrum & Otter.....Oct. 8, 1914
Oct. 10, 1914—SW BROADWAY AND Grant Ave W 117-6 S 100 W 20 S 37-6 E 137-6 W 137-6. Mary Marsicano to Kiernan & O'Brien.....Sept. 30, 1914
Oct. 10, 1914—EXPOSITION SITE. Panama-Pacific International Exposition Co to McSheehy Bros. Inc.....Oct. 6, 1914
Oct. 10, 1914—E NINETEENTH AVE 225 N Balboa N 25x120. E J Spence and T Peerick to whom it may concern.....Oct. 10, 1914
Oct. 10, 1914—SE SANSONE AND California. Fireman's Fund Insurance Co to Western Iron Works.....Sept. 26, 1914

- Oct. 13, 1914—E TWENTYETH AVE 50 S Anza S 25xE 82-6. Margaret Hamill to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—LOT 48 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—N TWENTY-SIXTH 140 E Diamond E 20x114. Laura B Donovan to T M Person.....Oct. 10, 1914
- Oct. 13, 1914—NE McKINNON AVE 150 NW from Newhall 25 N 100 E 25 S 100. Modesto Esposto to Stevenson & Gowan.....Oct. 13, 1914
- Oct. 13, 1914—LOTS 32 AND 33 BLK 17 E, C S Allred's Sub Blks 17 and 18, West End Map No. 1. Nels J Nelson to whom it may concern.....Oct. 2, 1914
- Oct. 13, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris, Joseph and Julia Hyman, Theresa Stone, Emelie Baruch and The Henry W Hyman Estate to Western Iron Works.....Oct. 8, 1914
- Oct. 13, 1914—WORK ON WATER Front, foot of Mason. City Elec Co to Healy-Tibbitts Constr Co.....Oct. 10, 1914
- Oct. 13, 1914—NE COTTER 53 SE Alemany. Lawrence Costello to Costello & McDonough.....Oct. 13, 1914
- Oct. 13, 1914—W De SOTO 50 m or l S Urbano Drive, Ingleside Terrace Lot 26 Blk 19. Henry and Kittie Stern to Higginson Co, Inc.....Oct. 10, 1914
- Oct. 13, 1914—LOT 49 Map Allen & Co's Sub Winsor Terrace. Harry B and Laurence D Allen to whom it may concern.....Oct. 10, 1914
- Oct. 13, 1914—FACING S BOUNDARY wall of Presidio, beg at a point on said wall 212-6 W Laurel W 29-6 S 120-19 m or l — 29-6 N 122-78 m or l A A or Abbott A Hanks to Louis Deibel.....Oct. 10, 1914
- Oct. 13, 1914—N BROADWAY adj. W side of No. 1818 Broadway with frontage on Broadway of 30 feet. H C Moffitt to Floodberg & McCaffery.....Oct. 5, 1914
- Oct. 13, 1914—E MISSION 295 S 16th S 75xE 105. Lachman Bros to L A Norris Co, Gus May, Ideal Cornice Works, J J Seibert Co, C J Burt, Vitt Elec Co.....Oct. 6, 1914
- Oct. 13, 1914—NW CLEMENTINA 100 SW 8th SW 25xNW 75. Arnold J Tackle to whom it may concern.....Oct. 2, 1914
- Oct. 14, 1914—N CALIFORNIA 110 E Leavenworth E 27-6xN 112-6. Rouseau Realty Co to whom it may concern.....Oct. 14, 1914
- Oct. 14, 1914—NE TWENTY-FOURTH and Diamond E 215 N 114 E 25 S 114 W 25. Dean H Evans to McSheehy Bros, Inc.....Oct. 14, 1914
- Oct. 14, 1914—N RICHLAND AVE 25 W Murray (South Ave) W 25 N to S line Holly Park Circle E 25 S parallel with W Murray to N Richland Ave ptn Lots 38, 39, 40 Blk 4. Holly Park Tract. Thomas McCormick to whom it may concern.....Oct. 14, 1914
- Oct. 14, 1914—SACRAMENTO NOS. 2317, 2319, 2321, 2323, 2327. R C Rosenberg to Wm Schafer.....October 12, 1914
- Oct. 14, 1914—LOT 9 BLK 10 Forest Hill. John S Malloch to John S Malloch.....Oct. 13, 1914
- Oct. 14, 1914—NE HAIGHT AND Clayton N 27-6xE 100. Anna M Binning to G T Peterson and S Person.....Oct. 14, 1914
- Oct. 14, 1914—E LEAVENWORTH 85 S Geary S 52-6 E 112-6 N 54 W 27 S 1-6 W 85-6. S F Investment Cpn to Central Iron Works and H H Larsen & Bro.....Oct. 9, 1914
- Oct. 14, 1914—NW BUSH & LEAVENWORTH W 27-6xN 67-6. Ethel Curtaz to whom it may concern.....Oct. 14, 1914
- Oct. 15, 1914—JULIA NOS. 26 TO 25, being 96-6 N Lombard. Eugenio Mazzini to Debendetti & Cuneo.....Oct. 10, 1914
- Oct. 15, 1914—N SACRAMENTO 60 E Front N 119-6 to S Commercial E 20 S 59-6 E 20 S 60 W 40. Wm F Barton to Healy-Tibbitts Constr Co.....Oct. 5, 1914
- Oct. 15, 1914—SW CLAY & JONES W 120xS 33-9; No. 1315 Clay. A H Herbert to Peter Hamilton, Oct. —, 1914; J M Lettich, Oct. —, 1914; Victor Eng Co, Oct. —, 1914; Brandon & Lawson.....June 11, 1914
- Oct. 15, 1914—N FREDERICK 96-10 1/2 W Clayton W 25xN 110. Cecil W Mark to Louis Kern.....Oct. 13, 1914
- Oct. 15, 1914—SW JONES & CLAY S 33-9xW 120. A H Herbert to A Cadenasso and J Confland.....April 27, 1914
- Oct. 15, 1914—S GREENWICH 106-6 W Grant Ave 31x57-6. Luigi Dematei to Devenenzi Bros & Co.....Oct. 15, 1914
- Oct. 15, 1914—SE MISSION 177-3 1/2 SW 12th — 44-3 1/2 th at an acute angle SE 139-1 th at an obtuse angle NE 32-4 1/2 th at an acute angle NW 137-11 1/4. John Hunt to L A Secor.....Oct. 3, 1914
- Oct. 15, 1914—S SUTTER 87-6 E Montgomery S 124-9 being pt of intersection with N line of lot to be occupied by building th S 62-7 W 25 S 83-11 1/2 — along Market 92-5 1/2 N 92-6 W 50. Hobart Est Co to Gould Storage Battery Co, Oct. 13, 1914; Simonds Machinery Co.....Oct. 14, 1914
- Oct. 16, 1914—E SIXTEENTH AVE 150 N Balboa; No. 570 16th Ave. Martin and Hans Nelson to whom it may concern.....Oct. 10, 1914
- Oct. 16, 1914—W PRESIDIO AVE 127-8 1/2 S Jackson — parallel with S Jackson 120 S 37-8 1/2 E 40-4 N 5 E 79-10 N 32-8 1/4. Henry R Jacob to H W Arnold.....Oct. 15, 1914
- Oct. 16, 1914—S SUTTER 87-6 E Montgomery S 124-9 S 62-7 W 25 S 83-11 1/2 th along Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to Mangrum & Otter (2 completion notices).....Oct. 15, 1914
- Oct. 17, 1914—W TWELFTH AVE 150 S Anza 25x120. Wm D Ball to whom it may concern.....Oct. 16, 1914
- Oct. 16, 1914—N SUTTER 100 W Powell 37-6x137-6. M D Grosh, E G Larzelere and Louis M Sage to James L Brown, Inc.....Oct. 14, 1914
- Oct. 17, 1914—N O'FARRELL 91-6 E Larkin E 46 N 137-6 W 46 E 137-6. Miss E Herrin to A Dahlberg.....October 17, 1914
- Oct. 19, 1914—SE EIGHTEENTH & Rhode Island E 50xS 30. I Kushner to F A or F Hansen.....Oct. 19, 1914
- Oct. 19, 1914—LOT 74 SUB NO. 1, Seaciff Add'n. W A Haisted to S A Born Bldg Co.....Oct. 16, 1914
- Oct. 19, 1914—SE TWENTY-THIRD & Bryant 50x32. V Sattui and Agostina Sattui to G Trevis and G B Pasqualetti.....Oct. 17, 1914
- Oct. 19, 1914—S ANZA 95 E Third Ave 125xS 30. Jacob Shafran to whom it may concern.....Oct. 12, 1914
- Oct. 19, 1914—E ASHBURY 278-63 S Clifford S 28x100. Harold Braunton and W R Miller to whom it may concern.....Oct. 19, 1914
- Oct. 20, 1914—EXPOSITION SITE, The Postal Studio Co, Inc to A Wegner.....Oct. 17, 1914
- Oct. 20, 1914—W TWENTYETH AVE 200 N Balboa N 25xW 120. W A Green to whom it may concern.....Oct. 20, 1914
- Oct. 20, 1914—W POLK 60 N Chestnut N 27xW 80. S Arrighi to C Orselli.....Completed
- Oct. 21, 1914—NE EIGHTEENTH & Mission N 17xE 100. W A Haisted to A H Wilhelm.....Oct. 15, 1914
- Oct. 21, 1914—NE EIGHTEENTH & Mission N 47xE 100. W A Haisted to A H Wilhelm, R Zelinsky and Scott Co.....Oct. 15, 1914
- Oct. 21, 1914—W TAYLOR 100 S Sutter S 37-6xW 137-6. B J Wyman to whom it may concern.....Oct. 12, 1914
- Oct. 21, 1914—NW POST AND Stockton N 137-6xW 137-6. Blanche M or Blanch M Burbank to Atlantic Fireproofing Co.....Oct. 14, 1914
- Oct. 21, 1914—E STOCKTON 20-4 S Lombard S 20xE 50. M De Benedetti to G Ferroni & Son.....Completed
- Oct. 21, 1914—LOT 35 BLK "D" French & Gilman Tract. Auguste and Emilie Ladira to Thos McCormick.....Oct. 17, 1914
- Oct. 21, 1914—SW BROADWAY & Bartol 40-6 on Broadway x 57-6 on Bartol. N Capurro to whom it may concern.....Oct. 21, 1914
- Oct. 21, 1914—S POST 86-6 E Polk E 23-6xS 120. Jacques Larrouy to J A Hill.....Oct. 13, 1914
- Oct. 21, 1914—LOT 25 Lyon & Hoags Shdyn 2 Ashbury Terrace. Battista Caru to whom it may concern.....Oct. 13, 1914
- Oct. 22, 1914—N BEACH 230 W Baker N 380 W 560 S 1000 E 560 N 620 m or l. Panama-Pacific International Exposition Co to John G Sutton Co.....Oct. 20, 1914
- Oct. 22, 1914—N CLEMENT 55 E 22d Ave E 25xN 100. Robert E Paton to Max Hantzsch and Fred McKay.....Oct. 22, 1914
- Oct. 22, 1914—LOTS 36 and SE 1/2 Lot 37 Blk "K" Mission Street Land Co. Homestead Realty Co to Wm H Grahn.....Oct. 18, 1914
- Oct. 22, 1914—SE MARKET 45 SW Second SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Ira W Coburn to Melton V Mowbray.....Oct. 17, 1914
- Oct. 22, 1914—SE GREENWICH & Baker E 91xS 24. Margaret A Coleman to whom it may concern.....Oct. 20, 1914
- Oct. 22, 1914—W EIGHTH AVE 225 S Noriega. J B Glover to whom it may concern.....Oct. 22, 1914
- Oct. 22, 1914—EXPOSITION SITE, Joseph Bell De Remer, Agent for The State of North Dakota to Strehlow, Freese & Petersen.....Oct. 22, 1914
- Oct. 23, 1914—W FIFTH AVE 200 S "J" S 25xW 120. Theodor J J or T J J Semmer to Ed Zinkand & Son.....Oct. 23, 1914
- Oct. 23, 1914—N WEBSTER 8-6 S Pacific Ave 46-2 1/4x110. A M Byrne to N P Anderson.....Oct. 23, 1914
- Oct. 23, 1914—SE POST & LEAVEN-

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San Francisco

Telephone Market 337

worth — 137-6 E 137-6 N 137-6 W
137-6. Schmiedell Estate Cpn to
whom it may concern...Oct. 9, 1914
Oct. 23, 1914—N NINETEENTH 170
E Dolores E 25xN 100. Mary Parker
to Lucas & Wilcox and M J Cash-
man, Chas Rehn, E Rasmussen and
Bell & Rosslow.....Oct. 20, 1914
Oct. 23, 1914—E MISSION 120 N 19th
E 122-6xN 30. Fred C Gordes to J
Casty.....Oct. 20, 1914
Oct. 23, 1914—N VALLEJO 91-5 E
Van Ness Ave N 122-6xN 30-1.
Louis A or L A Bacciocco to O C
Holt, A Davis, E Anderson & Bro,
M Schimetschek and Mangrum &
Otter.....Oct. 22, 1914
Oct. 23, 1914—SE MARKET 45 SW
Second SW 30 SE 91-6 SW 20 SE
43-6 NE 95 NW 43-6 SW 45 NW
91-6. Chas Schlusser to Stan-
quist & Forbes.....Oct. 13, 1914
Oct. 23, 1914 SW POST & POWELL
W 137 6 S 63-6 E 69-7 N 6 6 E 67-11
57. Crocker Hotel Cn to Rad-
camp-Merle Co, Oct. 21, '14, Vulcan
Iron Works, Oct. 16, '14, Taylor &
Co, Oct. 15, '14, Radcamp-Merle Co,
.....Oct. 21, 1914

Nolan to whom it may concern....
.....Oct. 17, 1914
Oct. 24, 1914—W TWELFTH AVE 25
S Anza 25x95. A R Lapham to
whom it may concern...Oct. 23, 1914
Oct. 24, 1914—NW BRUNSWICK 153
SW Lowell SW 25xNW 213, pin
Lots 52 and 53 West End Hld Ass'n.
Abraham, and Nellie Clemo to Chas
J King, Inc.....Oct. 15, 1914
Oct. 24, 1914—MARKET NOS. 2377-
2379 SE line 150-0 1/4 NE Castro
32-10 1/2 front by 99 on W and 122
on E to NW 17th; No. 2334 Jackson
N line 110 E Baker 27-6x127-8 1/2.
Jno S and Eleonora Howell to W
E Greene.....Oct. 23, 1914
Oct. 24, 1914—W SEVENTEENTH
Ave 175 S Anza 25x120. Wm P
Oct. 26, 1914—W SIXTEENTH AVE
25 S Anza S 25xW 120. Alfred
Johnson to whom it may concern
.....Oct. 21, 1914
Oct. 26, 1914 LOT 1 BLK 30, Crocker
Amazon Tract. John Knudsen to
whom it may concern...Oct. 24, 1914
Oct. 26, 1914 S PACIFIC 90 E Tay-
lor 21x90. Maria G Romano to A
Sclaroni and C Mancini.....

.....Oct. 26, 1914
Oct. 26, 1914—SW COLE 52-7 SE fm
S 17th SE 25-1xSW parallel with
S 17th 100. William Johnson to
W and C Fahlen.....Oct. 26, 1914
Oct. 26, 1914—S SUTTER 87-6 E
Montgomery S 124-9 being pt of
int with W line lot of land to be
occupied by building th S 62-7 W
25 S 53-11 1/2 th along N Market
92-3 1/2 N 92-6 W 50. Hobart Estate
Co to Otis Elevator Co...Oct. 22, 1914
Oct. 26, 1914—E VALENCIA 142-8 N
22nd 34-4 (irregular) by 125 deep.
Geo W E and Nicholas Schneider to
A J Falvey.....Oct. 26, 1914
Oct. 26, 1914—SE CALIFORNIA &
Leidsdorff E 107-6xS 137-6. The
Insurance Exchange to W D Hen-
derson.....Oct. 26, 1914
Oct. 26, 1914—W POWELL 91-3 N
Post N 46-1xW 80. Joseph or J
Sokolov to Central Iron Works
.....Oct. 23, 1914
Oct. 26, 1914—S GREENWICH 192-6
E Fillmore E 27-6xS 120. For-
tunato and Francisco Scatenato to A
De Benedetti and G Cuneo.....
.....Oct. 26, 1914
Oct. 26, 1914—COMG. 34.22 W at a
right angle from a point on W
Pierce that is 94.71 dist N along
W Pierce frm point of intersection
with N Chestnut N parallel with
Pierce 104 W 165 S 104 E 165.
Panama-Pacific International Ex-
position Co to Neil A McLean Co.
(Press Bldg.).....Oct. 22, 1914
Oct. 27, 1914—W VALENCIA 150 N
19th N 50xW 100. Mrs L W Moffatt
to L A Secor.....Oct. 27, 1914
Oct. 27, 1914—N SUTTER 100 W
Powell, M D Grosh, E G Lazlere
and Louise M Sage to Wm Wade,
Oct. 26, 1914; National Mill & Lum-
ber Co.....Oct. 26, 1914
Oct. 27, 1914—LOT 3 BLK 2 Oscar
Heyman & Bro, Sub West End Map
No. 1, Bernal Rancho. Louis John-
son to whom it may concern.....
.....Oct. 23, 1914
Oct. 27, 1914—N NORTH POINT 100
W Broderick N along a line par-
allel with W Broderick, 100 E par-
allel with N North Point 450 S
parallel with Devisadero 500 W
parallel with Bay 450 N parallel
with Broderick, 500 N North Point
100 E Pierce, N parallel with
Pierce, 100 E parallel with North
Point, 450 S parallel with Steiner,
600 W parallel with Bay, 450 N
parallel with Pierce 500. Panama-
Pacific International Exposition Co
to The Turner Co.....Oct. 22, 1914
Oct. 28, 1914—SE MARKET 45 SW
Second SW 30 SE 91-6 SW 20 SE
43-6 N E25 NW 43-6 SW 45 NW
91-6. Ira W Cohurn, Inc to Joe
Greenback & J A Orford...Oct. 27, '14
Oct. 28, 1914—W GRANT AVE 112-6
S Chestnut 25x137-6. G Torna and
A Boschetti to V Fillips. Oct. 4, '14
Oct. 28, 1914—SE MARKET 45 SW
Second SW 30 SE 91-6 SW 20
SE 43-6 NE 95 NW 43-6 SW 45
NW 91-6. Chas Schlusser to
Scott Co, Oct. 23; Ira W Cohurn....
.....Oct. 26, 1914
Oct. 28, 1914—COMG. AT A POINT
that is 25 W at right angles from
a point on W Laguna that is 57.38
distant measured N along W la-
guna from the pt of street's in-
ter with N Francisco W parallel with
N Francisco 10 S 38 3/4 N and E
16 7/4 to a point 24.93 S from beg
N 21.93 being in Panama-Pacific

International Exposition Site.
Mark M Leichter to Dunnnavant-
Houghton-Van Sant Corp.....
.....Oct. 19, 1914
Oct. 29, 1914—NE FULTON AND
Parker Ave E 300xN 275. The
President and Board of Trustees of
St. Ignatius College to Mangrum
& Otter.....Oct. 24, 1914
Oct. 29, 1914—S PACIFIC AVE 32-6
E Walnut E 110xS 127-8 1/4. Kath-
arine P Hooker to Petersen-James
Co.....Oct. 20, 1914
Oct. 30, 1914—LOT 15 BLK 5 Crocker
Amazon Tract. John Bjorkman to
whom it may concern.....Oct. 30, 1914
Oct. 30, 1914—W TWENTY-NINTH
Ave 175 N Anza 25x158. Arthur
Franklin and wife to Albert Whit-
man.....Oct. 30, 1914
Oct. 30, 1914—S SUTTER 177-9 E Van
Ness Ave S parallel to Van Ness
Ave 120x E 68-9. Boardman Bros,
Attorney in fact for Alice Hastings
to M V Brady.....Oct. 26, 1914
Oct. 30, 1914—SE HARRISON 90 SW
Sixth SW 25xSE 75. Jno and Annie
Burke to Jno P Cuneo.....Oct. 29, 1914
Oct. 30, 1914—SE JESSIE & ECKER
E 105 S 50 W 1-6 S 26 W 103-6 N
76. Wm H Crocker to Reed &
White, Oct. 29; Wm Little, Oct. 29, '14
Oct. 30, 1914—S SUTTER 87-6 E
Montgomery S 124-9 to beg lot, S
62-7 W 25 S 83-11 1/2 th along Mar-
ket 92-5 1/2 N 92-6 W 50. Hobart
Estate Co to Musto Sons-Keenan
Co.....Oct. 27, 1914
Oct. 30, 1914—S STEVENSON AND
Seventh SE 75xSW 75. Antoine
Alexander or Alexandre and Julien
Vayssie to J M Lettich.....Oct. 31, 1914
Oct. 30, 1914—SW POST & POWELL
W 137-6 S 63-6 E 69-7 N 6-6 E 67-11
— 57. Crocker Hotel Co to H S
Tittle, Oct. 30; Conlin & Roberts,
Oct. 26; The Turner Co, Oct. 29;
Wm F Wilson Co, Oct. 29; Pacific
Fire Extinguisher.....Oct. 26, 1914
Oct. 31, 1914—E EIGHTH AVE 90-1 1/4
N California. Leonard Salomon to
whom it may concern.....Oct. 30, 1914
Oct. 31, 1914—NW RAILROAD AVE
& Hudson Ave (5th Ave) N 25-6 1/2
W parallel with N Hudson 107-7 1/2
S 24 E 116-3 1/2 Block 138 S S F.
Ellen Barr to Higginson Co.....
.....Oct. 29, 1914
Oct. 31, 1914—W DIAMOND 33 N
Elizabeth 25x76-8. Folke Monson
to whom it may concern.....Oct. 31, 1914
Nov. 2, 1914—LOT 6 Ptn Lot 7, West
Clay Park; No. 2144 Lake. Mollie
M Marks to McNab & King, Nov. 2, '14
Nov. 2, 1914—MONTGOMERY NO. 14
at intersection of Montgomery,
Post and Market. Wells Fargo
Nevada National Bank to Ed
Mooney.....Nov. 2, 1914
Nov. 2, 1914—S TWENTY-THIRD 50
W Kansas. John J Binet Co to
whom it may concern.....Oct. 29, 1914
Nov. 2, 1914—S SUTTER 87-6 E Mont-
gomery S 124-9 being the point of
intersection with N line of Lot to
be occupied by building; th S 62-7
W 25 S 83-11 1/2 th along Market
92-5 1/2 N 92-6 W 50. Hobart Estate
Co to Forderer Cornice Works.....
.....Oct. 30, 1914
Nov. 2, 1914—LOT 35 BLK 6 Crocker
Amazon Tract. A H Meyer to
whom it may concern.....Oct. 24, 1914
Nov. 2, 1914—LOT 36 BLK 6, Crocker
Amazon Tract. Andrew Olson
to whom it may concern.....Oct. 24, 1914
Nov. 2, 1914—LOT 28 BLK 17-A The
C S Allied Sub Bldgs 17 and 18

West End Map No. 1, from the
Tiscornia to whom it may con-
cern.....Oct. 31, 1914
Nov. 2, 1914—W SIXTH 125 S How-
ard S 25xW 155. H and I Wolf to
Heckenroth & Schell.....Completed —
Nov. 2, 1914—GROSH HOTEL BLDG.
M D Grosh, E G Larzelere and
Louise M Sage to Otis Elevator
Co, Nov. 2; Vermont Marble Co.,
Nov. 2; Otis Elevator Co., Nov. 2, '14
Nov. 4, 1914—N CLARA 175 W Rich
W 25xN 75. Sarah K and Frank
Shibeley to A Sarraile and S Laga-
marsino.....Completed —
Nov. 4, 1914—SE MARKET 45 SW 2nd
SW 30 SE 91-6 SW 20 SE 43-6 NE
95 NW 43-6 SW 45 NW 91-6. Chas
Schlessinger to B C Van Emon,
Inc.....Nov. 2, 1914
Nov. 4, 1914—E TEXAS 100 N 19th N
25x E 100. Peter Smith to B W
Demarais.....Nov. 3, 1914
Nov. 4, 1914—S LOMBARD 220 W
Grant Ave W 25xS 90. Raffaello
and Filomena Pierotti to V Fillipis
.....Nov. 4, 1914
Nov. 4, 1914—NW STOCKTON AND
Post N 137-6xW 137-6. Blanche M
Burbank to Alex Coleman.....
.....Nov. 3, 1914
Nov. 4, 1914—S ANZA 54-1 E 24th
Ave E 25xS 100. Ernest E and
Myrtle F Dunn to whom it may
concern.....Completed —
Nov. 4, 1914—W TENTH AVE 300 N
Balboa N 33-4xW 120. F T Stro-
to O C Holt.....Oct. 31, 1914
Nov. 4, 1914—N LOMBARD 137-9 W
Larkin W 25xN 74-10. Rosalind
Johns to Collman & Collman.....
.....Oct. 31, 1914
Nov. 4, 1914—E THIRD AVE 125 N
Balboa N 25x E 120. Ruegg Bros
to whom it may concern.....Nov. 1, 1914
Nov. 4, 1914—EXPOSITION SITE. J
R Kathrens, Mgr. Union Pacific
System to Mangrum & Otter, Oct. 31;
H A Chalmers, Inc, Oct. 31;
Jas H Pinkerton.....Oct. 31, 1914
Nov. 5, 1914—E AUBURN 40 S Pacific
S 28-9x E 25. Harry J J Demartini
to Paul De Martini.....Oct. 31, 1914
Nov. 5, 1914—NW BOSWORTH &
Culver N 100xW 25. James J or
J J and Ellen G Burke to Barrett
Hilp.....Oct. 26, 1914
Nov. 5, 1914—W SIXTH AVE 175 S
Cabrillo S 25x120. Geo W and E M
Mertes (wife) to C Wengard.....
.....Nov. 5, 1914
Nov. 5, 1914—N EIGHTEENTH 69 W
Sanchez W 31xN 53. B Cordes to
Pettersson & Persson.....Oct. 28, 1914
Nov. 5, 1914—NE BUSH & LARKIN
N 137-6x E 137-6. G P W Jensen
to whom it may concern.....Oct. 31, '14
Nov. 5, 1914—S LAKE 82-6 W 16th
Ave S 100xW 25. Percy D Tyler
to whom it may concern.....Nov. 5, '14
Nov. 5, 1914—N FILBERT 187-6 W
Larkin W 25xN 137-6. Denis B
Devine to Paul De Martini.....
.....Nov. 2, 1914
Nov. 5, 1914—E MISSION 350 S Italy
Antonio Giusto to John P Cuneo
Ave S 25x E 83-6; Blk 7, Excel Hd.
.....Nov. 4, 1914
Nov. 6, 1914—S COMMERCIAL 60 E
Montgomery E 19-9xS 59-6. Pacific
Gas & Elec Co to P J O'Brien.....
.....Oct. 28, 1914
Nov. 6, 1914—N MISSION 343-4 1/2 W
Seventh E 31-7 1/2, N 165 E 31-7 1/2 S
165. Talbot Invest Co to R Rinkrose
& Son, C W Withington, Forderer
Cornice Wks, Greenback Plastering

Co, D Zelinsky, Peterson-James Co,
Vitt Elec Co, Pacific Mfg Co, Fried-
man Bros, Marshall & Stearns,
Mission Marble Co and Lamont &
Miller.....Nov. 5, 1914
Nov. 6, 1914—NW BUSH & MASON
N 100xW 68-9. Henry A Voor-
man, Gdn for Mary Voorman to
Pacific Rolling Mill Co.....Oct. 30, 1914
Nov. 6, 1914—S LOMBARD 164-10 E
Divisadero E 25 S 149-5 1/2 m or 1
SW 25 m or 1 N 150-3 m or 1. Frank
and Paulina Bonavia to Domenico
Francesconi.....Nov. 5, 1914
Nov. 6, 1914—E TWENTY-SECOND
Ave 100 N Geary E 120xN 25. Chas
E Johnson to Chas E Johnson.....
.....Nov. 5, 1914
Nov. 6, 1914—COMG. 66-875 E Brod-
erick and 292-55 N from S Lewis
W 13 N 63 E parallel to S Lewis
250 S 63 W 267. Panama-Pacific
International Exposition Co to M P
Mortenson.....Oct. 26, 1914
Nov. 6, 1914—N BROADWAY adj W
of present residence with frontage
on Broadway of 30 feet. H C or
Herbert C Moffitt to T A Cavanagh
.....Oct. 28, 1911
Nov. 6, 1914—SE SANSOME & UNION
177-6x120. National Ice & Cold
Storage Co of California to A Carl-
son.....Oct. 30, 1914
Nov. 6, 1914—N WEBSTER 81-6 S
Pacific Ave 16-2 1/4x110. Mrs A M
Byrne to Kiernan & O'Brien.....
.....Nov. 6, 1914
Nov. 6, 1914—NW WASHINGTON &
Laguna; No. 2301 Laguna. Mary
Ives Crocker to Jas H Pinkerton
.....Nov. 6, 1914

LIENS FILED

SAN FRANCISCO COUNTY.

Oct. 17, 1914—E GRANT AVE 77-6 N
Bush 30x50. J S Guerin (as J S
Guerin & Co) vs Herman Heskins,
Mcullen and Von Voorhies.....\$63.83
Oct. 17, 1914—SW CALIFORNIA &
Powell W 206-3xS 275. Chas Hol-
loway Jr (as Holloway Expanded
Metal Co) L H Sly.....\$1402.16
Oct. 17, 1914—SW MASON 65 N O'Far-
rell N 50xW 103-6. California Plate
& Window Glass Co vs F J Klenck
and D L Randolph.....\$297
Oct. 20, 1914—SW POWELL AND
Broadway W 100xS 93-6. C Marchi
vs C A Jeffers, T Loncono, George
J Panario, Katie Grimm, Kate
Wetmore and Jacob Surface.....\$575
Oct. 22, 1914—S CALIFORNIA 82-6
W 25th Ave W 50xS 100. J H
Kruse vs L M Shuck, Betty Shuck
and Lincoln U Grant.....\$1139.15
Oct. 22, 1914—SW GILMAN AVE 225
NW Jennings NW 25xSW 100. Geo
Ryan vs Amelia Benz.....\$562.66
Oct. 28, 1914—N BUSH 50 W Stock-
ton Lumber Co vs Martha Brown,
Cornelius T Regan, Raymond T
Regan, Josephine M Regan and
George E Regan.....\$414.85
Oct. 30, 1914—NE PACIFIC & SAL-
mon N 77-6x E 20. Walter V Mc-
Donald vs F Agata and Agatha
Consentino.....\$243.95
Oct. 30, 1914—E THIRD AVE 275 S
California South S 25x E 120; No. 244
Third Ave. Percy Schwartz as
Schwartz Elec Co vs Mrs John
Wilson.....\$120
Oct. 30, 1914—SE THIRD AVE AND
Hugo — 35 S 95 W 25 N 95. Rein-
hardt Lumber & Planing Mill Co vs
Jno D and Hazel C Bayles.....\$814.21

Oct. 31, 1914—SE GREENWICH & Baker E 91X8 24. L Coppelotti vs Margaret A Coleman or Maggie A Shields\$225

Nov. 2, 1914—W FOURTEENTH AVE 125 S Geary. J S Guerin & Co vs D Mordica and A E Roeder.....\$129.15

Nov. 4, 1914—W SEVENTEENTH AV 253-11 N Clement N 25XW 120. Hass-Heuter Paint Co vs Michael Costello and Paul Suhnel.....\$48.67

Nov. 4, 1914—W SEVENTEENTH AV 253-11 N Clement N 25XW 120. Eureka Sash, Door & Moulding Mills vs Michael Costello and Bryon Feerick\$292.89

Nov. 5, 1914—NW SAN JOSE AVE 1434-4 NE Jarnac NW 86 m or 1 NE along fence of S P R R 52 m or 1 SE 74 m or 1 SW 52 m or 1 ptn Belle Roche City, being Lots 9 and 10 Blk 6777. J H Kruse vs Virginia and Elizabeth Ferrar and J Ehat\$313.80

Nov. 5, 1914—SE GREENWICH & Baker E 91X8 24. J H Kruse, \$766.91; Builders Supply Depot, \$192.50 vs Margt. and A Coleman and E B Johnson.....

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and base, frame, \$26,000. Oakland, Cal. Architect, none. Owner, E. A. Schmidt, 1484 Harrison street, Oakland. The building will be erected on the north side of 40th street east of Telegraph avenue and has been designed to contain a total of sixty-six apartments of two and three rooms. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the dining and living rooms. There will be steam heat and a hot water system. All suites will have wall beds and private baths. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BANK ALTERATION—1 story and base, brick, \$10,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Homestead Savings Bank. The building is located at 2270 Shattuck avenue and will undergo extensive repairs. Included in the work will be complete new fixtures, hardwood trim, plumbing, electric work, plastering and painting. New vaults and vault doors will be required. Plans are being prepared and figures will be taken shortly. Further mention will be made of the work.

CITY HALL LIGHTING FIXTURES—Cost not stated. Oakland, Cal. Supervising Architect, John J. Donovan, Oakland. Owners, City of Oakland. Bids will be received up to November 12th at 12 o'clock for furnishing and installing special lighting fixtures in the new City Hall. Plans and full particulars can be secured from City Clerk Frank M. Smith, Oakland.

RESIDENCE—1 story and base, brick, \$3,000. Oakland, Cal. Architect, Charles E. Wetherell, 110 Jessie street, S. F. Owner's name withheld. The dwelling will contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be

used in the principal rooms. There will be a large open fire place in the living room. Mantels will be of tile. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCES—4, 1½ story and base, frame, \$3,000 each. Oakland, Cal. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner, Edwin C. Graff, Syndicate Bldg., Oakland. These houses will be erected in the Fourth Avenue Heights and each has been designed for a seven-room dwelling with bath and sleeping porch. Interiors will be finished in pine, redwood, some elm panels and white enamel. Hardwood floors will be used in the living rooms, dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and composition floors will be used in the bath rooms. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, brick and frame. Cost not stated. Piedmont, Alameda Co., Cal. Architect, Clinton Day, Nevada Bank Bldg., S. F. Owner, Mrs. T. L. Barker. The dwelling will be erected on Sea View avenue and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will also be erected on the property. Interior of the house will be finished in pine and redwood, hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. A vacuum cleaning system and automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the house will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, reinforced concrete, \$160,000. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building will be erected at the corner of 32nd and Magnolia streets and will cover a large ground area. Construction will be of the semi-fireproof type with reinforced concrete walls, floors and stairways. There will be fourteen class rooms, departments of domestic science and manual training and offices. Plans also show a large auditorium. Interior will be finished in pine with maple floors. There will be steam heat, vacuum cleaning and modern plumbing. Program clocks will also be installed. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

concrete, \$75,000. Oakland, Cal. Architect, William A. Newman, David Hewes Bldg., S. F. Owners, Second Church of Christ, Scientist. The building will be erected at the corner of 34th and Elm streets and has been designed in the classic style. There will be a main auditorium and several class rooms. Interior will be finished in pine and ornamental plaster. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are nearly

complete and figures will shortly be called.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2649	Wilhelms	Rockingham	1900
2650	Heinti	Greuner	5000
2652	Quigley	Perona	400
2653	Duesbe	Duesbe	400
2654	Klippinger	Nichols	6600
2655	Hewes	Peters	2500
2659	Foster	Peterson	400
2660	Peterson	Peterson	2500
2661	Sander	Doss	500
2662	Schmidt	Schmidt	26000
2663	S P	S P	1000
2664	Settles	Smith	1800
2665	Hopsley	Hopsley	1800
2666	McTavish	McTavish	1500
2667	Standard Oil	Schnebley	400
2668	Brunson	Thomson	450
2669	Un Cptrs	Owner	400
2673	Poly Col Eng	Moore	2500
2674	Y W C A	Pearson	400
2675	Donther	Langtry	400
2676	Olsen	Morgensen	2000
2677	Adam	Adam	1000
2680	Kerr	Stewart	3425
2671	Miller	Fleeter	3350
2681	Beers	Johnson	3500
2682	De Freitas	Carlson	1000
2684	Larmer	Larmer	2000
2685	Ackard	Hambleton	300
2686	De Sosa	De Sosa	1500
2687	Montana	Corbett	450
2688	Thompson	Thompson	1600
2689	Baby Hosp	Allen	600
2692	Bauer	Miley	2930
2693	Lorinzen	Bertelsen	400
2694	Pellerish	Nelson	400
2695	Robinson	Rose	500
2696	Kipatrick	Graff	2900
2697	Gee Sam Kee	Peterson	1360

DWELLING

(2649) SE E-NINETEENTH AND 6th Ave., Oakland. One-story 5-room dwelling.

Owner.....A. Wilhelms, 204 Alameda Ave., Alameda.

Architect.....None.

Contractor.....J. H. Rockingham, 2306 San Jose Ave., Alameda.

COST, \$1960

DWELLING

(2650) S WILDWOOD 200 E Grand, Oakland. Two-story 8-room dwlg.

Owner.....R. S. Heinti, 414 14th, Okd.

Architect.....None.

Contractor.....W. M. Greuner, 414 11th, Oakland.

COST, \$5000

ALTERATIONS

(2652) NO. 705 CLAY, Oakland. Alterations.

Owner.....G. F. Quigley, 575 Fairmont Ave., Oakland.

Architect.....None.

Contractor.....John Perona, 674 19th, Oakland.

COST, \$100

DWELLING

(2653) W THIRTY-EIGHTH 115 E Broadway, Oakland. One-story two-room dwelling.

Owner.....G. H. Duesbe, 278 38th, Oakland.

Architect.....None.

Day's work.

COST, \$100

FLATS

(2654) NE BROADWAY & RIDGEWAY, Oakland. Two story 16-room flat building.

Owner.....A. C. Klippinger, 4001 Broadway, Oakland.

Architect.....None.

Contractor.....Leo L. Nichols, 1st Trust Bldg., Oakland.

COST, \$6600

DWELLING

(2655) S BROOKLYN AVE 80 W Montclair, Oakland. One-story six-room dwelling.
Owner.....Bert F. Hewes, 3006 Brook Oakland.
Architect...H. K. Lovell, 781 Brooklyn Ave., Oakland.
Contractor..Fred Peters, 612 25th, Oakland.
COST, \$2500

DWELLING

(2660) E FAIRFAX 200 N Ygnacio, Oakland. One-story 5-room dwelling.
Owner.....T. S. Peterson, 5472 Boulevard, Oakland.
Architect...None.
Day's work. COST, \$2500

GARAGE

(2659) NO. 609 SANTA RAY AVE., Oakland. Garage.
Owner.....N. K. Foster, Premises.
Architect...None.
Contractor..A. Peterson, 1201 19th, Oakland.
COST, \$400

ADDITION

(2661) NO. 302 LENOX, Oakland. Addition.
Owner.....H. B. Sander, Premises.
Architect...None.
Contractor..C. A. Doss, 2028 E-15th, Oakland.
COST, \$500

FRAME APARTMENTS

(2662) N FORTIETH 200 E Telegraph Ave., Oakland. Three-story 66 room frame apartments.
Owner.....E. A. Schmidt, 1484 Harrison, Oakland.
Architect...None.
Day's work. COST, \$26,000

ALTERATIONS

(2663) BROADWAY WHARF, Oakland. Brick foundation under freight house.
Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
Architect...None.
Day's work. COST, \$1000

DWELLING

(2664) N BROOKDALE 180 E Courtland, Oakland. One-story six-room dwelling.
Owner.....J. E. Settles, 1540 Broadway, Oakland.
Architect...None.
Contractor..O. G. Smith, 4411 Walnut Ave., Oakland.
COST, \$1800

DWELLING

(2665) W EIGHTY-FIRST AVE 40 S Plymouth, Oakland. One-story five-room dwelling.
Owner.....M. J. Hopsley, 1721 84th Ave., Oakland.
Architect...None.
Day's work. COST, \$1800

ALTERATIONS

(2666) NO. 1124 SECOND AVE., Oakland. Alter two flats into four flats.
Owner.....K. McTavish, 1025 E-21st, Oakland.
Architect...None.
Day's work. COST, \$1500

SUPPLY STATION

(2667) NE FOURTEENTH & FRANK-

lin, Oakland. Oil supply station.
Owner.....Standard Oil Co.
Architect...None.
Contractor..Schnebley, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$100

ALTERATIONS

(2668) NO. 667 TWENTY-SECOND, Oakland. Alterations.
Owner.....M. Brunson, 663 22nd, Okd.
Architect...None.
Contractor..A. Thomson, 2760 Grove, Oakland.
COST, \$450

ALTERATIONS

(2669) NO. 763 TWELFTH, Oakland. Alterations and shingling.
Owner.....Union Carpenters' Hall Association, Premises.
Architect...None.
Contractor..Directors of Hall Ass'n., Premises.
COST, \$400

BRICK GARAGE

(2673) E MADISON, bet 13th & 14th, Oakland. One-story brick garage.
Owner.....Polytechnic College of Engineering, Premises.
Architect...None.
Contractor..R. E. Moore, 1540 Broadway, Oakland.
COST, \$2500

ALTERATIONS

(2674) NO. 1944 FRANKLIN, Oakland. Reshingle.
Owner.....Y. W. C. A., Premises.
Architect...None.
Contractor..Ben Pearson, 2403 Grant, Oakland.
COST, \$400

ADDITION

(2675) NO. 619 THIRTY-SIXTH, Oakland. Addition.
Owner.....Mrs. Donther, Premises.
Architect...None.
Contractor..R. Langtry, 177 18th, Okd.
COST, \$400

DWELLING

(2676) E RAYMOND 114 S 66th, Okdland. One-story 5-room dwelling.
Owner.....Trine Olsen, 6510 Raymond, Oakland.
Architect...None.
Contractor..Morgensen Bros., 554 63rd, Oakland.
COST, \$2000

DWELLING

(2677) E HIGH 400 N Virginia, Oakland. One-story 4-room dwelling.
Owner.....Chas. Adam, 3106 High, Oakland.
Architect...None.
Day's work. COST, \$1000

DWELLING

(2680) W SHAFTER 50 S 42nd, Oakland. Two-story 7-room dwelling.
Owner.....Mrs. B. Kerr, Oakland.
Architect...None.
Contractor..L. A. Stewart, 616 41st, Oakland.
COST, \$3425

BRICK GARAGE

(2671) W PIEDMONT AVE 200 N 41st N 55xW 125, Oakland. All work for one-story brick garage.
Owner.....Mrs. Anna A. Miller, 4149 Piedmont Ave., Oakland.
Architect...None.

Contractor..Fletcher & Winland, 1912a Bldg., Oakland.
Filed Nov. 4, '14. Dated Oct. 29, '14.
Signing contract \$ 1.00
Brick walls up 12.00
Roof on 6.00
Completed 5.00
Usual 35 days 5.00

TOTAL COST, \$3350

Bond, \$1675. Surety, New Amsterdam Casualty Co. Limit, 30 days after Nov. 3. Forfeit, \$5. Plans and specifications filed.

NOTE—1st report Oct. 24, No. 2594.

DWELLING

(2681) SW KENMORE AVE 356.54 NW Lake Shore Ave NW 49.36 SW 101.61 SE 65 NE 100, Oakland. All work for two-story dwelling.
Owner.....M. E. Beers.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor..Louis Johnson, 223 Greenbank, Oakland.
Filed Nov. 6, '14. Dated Nov. 4, '14.
Frame up, enclosed and roof on. 1/4
Brown coated 1/4
Completed and accepted 1/4
Usual 35 days 1/4

TOTAL COST, \$3200

Bond, \$1610. Surety, Southwestern Surety Insurance Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

DWELLING

(2682) W EIGHTY-SECOND AVE 175 — Garden, Oakland. One-story four-room dwelling.
Owner.....Jose De Freitas, Premises.
Architect...None.
Contractor..O. M. Carlson, 1456 S2nd Ave., Oakland.
COST, \$1600

DWELLING

(2684) NE LAWTON AVE AND 50TH, Oakland. One-story 5-room dwelling.
Owner.....Edw. Larmer, 470 Boulevard Way, Oakland.
Architect...None.
Day's work. COST, \$2000

ALTERATIONS

(2685) NO. 333 ELEVENTH, Oakland. Alterations.
Owner.....W. L. Achard, 710 Ellis, San Francisco.
Architect...None.
Contractor..Fred Hambleton, 575 43rd, Oakland.
COST, \$500

DWELLING

(2686) E FAIRFAX 1024 N Ygnacio, Oakland. One-story 5-room dwlg.
Owner.....W. A. De Sosa, 5243 Wentworth Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

ALTERATIONS

(2687) NO. 443 TWELFTH, Oakland. Alterations.
Owner.....Stratas Montana, Prem.
Architect...None.
Contractor..Corbett & Bayliss, 1110 Franklin, Oakland.
COST, \$450

DWELLING

(2688) N E-SIXTEENTH 297 W 55th, Ave., Oakland. One-story 5-room dwelling.
Owner.....H. F. Thompson, 4622 E-14th, Oakland.
Architect...None.
Day's work. COST, \$1600

ALTERATIONS

(2689) FIFTY-FIRST AND DOVER, Oakland. Alterations and additions. Owner.....Baby Hospital Association, Premises.
 Architect...None.
 Contractor...F. E. Allen, 468 34th. Okd.
 COST, \$600

DWELLING

(2692) NE JOHN 95 NW Howe NW 30 xNE 115, Oakland. All work for two-story dwelling.
 Owner.....Bertha Bauer.
 Architect...None.
 Contractor...H. Malley, 3001 Grove, Oakland.
 Filed Nov. 6, '14. Dated Nov. 5, '14.
 Frame up and roof on.....\$730
 Brown coated 730
 Completed and accepted..... 730
 Usual 35 days..... 740
 TOTAL COST, \$2930
 Bond, none. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

ALTERATIONS

(2693) NO. 1801 PLEASANT VALLEY, Oakland. Alterations.
 Owner.....H. Lorinzen, Premises.
 Architect...None.
 Contractor...S. J. Bertelsen, 667 39th, Oakland.
 COST, \$400

ALTERATIONS

(2694) NO. 1064 NINTH AVE., Oakland. Alterations.
 Owner.....H. Pellerish, 50 Shotwell, San Francisco.
 Architect...None.
 Contractor...C. Nelson, 4106 24th, S. F.
 COST, \$400

ALTERATIONS

(2695) NO. 1900 SAN PABLO AVE., Oakland. Alterations.
 Owner.....Harry Robinson, 1844 San Pablo Ave., Oakland.
 Architect...None.
 Contractor...A. H. Rose & Co., 545 17th, Oakland.
 COST, \$500

DWELLING

(2696) LOT 113 Map Woodlawn Park, Oakland. All work for one-story 6-room dwelling.
 Owner.....J. F. and Maud E. Kilpatrick.
 Architect...None.
 Contractor...Edwin C. Graff.
 Filed Nov. 7, '14. Dated Nov. 4, '14.
 Payments already
 TOTAL COST, \$2900
 Bond, none. Limit, 90 days after Nov. 4. Forfeit, \$10. Plans and specifications filed.

CLASS "C" BUILDING

(2697) SW EIGHTH AND WEBSTER S 75xW 75, Oakland. Plumbing, gas fitting and sewerage for two-story Class "C" building.
 Owner.....Gee Sam Kee.
 Architect...O'Brien Bros., Clunie Bldg San Francisco.
 Contractor...Fred Petersen, 1701 Market Oakland.
 Filed Nov. 7, '14. Dated Nov. 6, '14.
 50% plumbing roughed in..... ¼
 Plumbing roughed in & accepted ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼
 TOTAL COST, \$1360
 Bond, none. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
2651	Barker	Armstrong	400
2656	Harrier	Okd Bldg	5000
2657	Biggerstoft	Owner	400
2658	Matterson	Engler	400
2670	Hansen	Hansen	1500
2679	Bonner	Bonner	2400
2682	Vaughn	Vaughn	500
2690	Chapman	Tupper	4500
2691	Spaulding	Kollmer	2225

ALTERATIONS

(2651) S HASTE 100 W Shattuck Ave. Berkeley. Alterations.
 Owner.....J. S. Barker.
 Architect...None.
 Contractor...F. E. Armstrong, 2249 Hearst Ave., Berkeley.
 COST, \$400

DWELLING

(2656) N INDIAN ROCK AVE 50 W San Diego, Berkeley. Two-story 7-room dwelling.
 Owner.....L. G. Harrier, 6457 Benvenue Ave., Oakland.
 Architect...None.
 Contractor...Oakland Building Co., Security Bank Bldg., Okd.
 COST, \$5000

ADDITION

(2657) E HENRY 200 S Vine, Berkeley Addition.
 Owner.....E. K. Biggerstoft, 1509 Berkeley.
 Architect...None.
 Day's work. COST, \$400

ADDITION

(2658) SE DERBY AND REGENT, Berkeley. Addition.
 Owner.....G. A. Matterson.
 Architect...None.
 Contractor...Louis Engler, 2721 Haste, Berkeley.
 COST, \$400

DWELLING

(2670) E SEVENTH 120 S Bristol, Berkeley. One-story 5-room dwlg.
 Owner.....C. Hansen, 909 Bristol, Berkeley.
 Architect...None.
 Contractor...Raymond Hansen, San Rafael.
 COST, \$1500

DWELLING

(2679) S RUSSELL 260 E College Ave., Berkeley. Two-story seven-room dwelling.
 Owner.....A. W. Bonner, 2427 Blake, Berkeley.
 Architect...None.
 Day's work. COST, \$2400

ALTERATIONS

(2683) E JEFFERSON 100 S Bancroft, Berkeley. Alterations.
 Owner.....M. C. Vaughn, 5833 Ayala, Oakland.
 Architect...None.
 Day's work. COST, \$500

DWELLING

(2690) N HILGARD AVE 225 E Scenic Ave., Berkeley. Two-story nine-room dwelling.
 Owner.....Elizabeth R. Chapman, 2312 Russell, Berkeley.
 Architect...None.
 Contractor...Thad M. Tupper, 2310 Russell, Berkeley.
 COST, \$4500

REPAIR SHOP

(2691) SE GROVE AND CENTER 60x 90, Berkeley. All work for frame automobile repair shop.
 Owner.....W. H. Spaulding, 625 El Dorado Ave., Oakland.
 Architect...None.
 Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
 Filed Nov. 6, '14. Dated Nov. 4, '14.
 3rd day of each month..... 75%
 5 days after completed and accepted 25%
 TOTAL COST, \$2225.60
 Bond, none. Limit, Dec. 20. Forfeit, none. Plans and specifications filed.

Alameda.

Contracts Awarded.

2648	Samson	Peake	3150
2672	Coke	Rockingham	1900
2678	Lum	Peacock	400

DWELLING

(2648) S EL DORADO AVE 265 E The Alameda, Berkeley. One-story 7-room dwelling.
 Owner.....G. M. Samson.
 Architect...None.
 Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
 COST, \$3150

DWELLING

(2672) NO. 1538 PEARL, Alameda. One-story 5-room dwelling.
 Owner.....M. Coke.
 Architect...None.
 Contractor...J. H. Rockingham, 2306 San Jose Ave., Alameda.
 COST, \$1900

GARAGE

(2678) NO. 1200 SAN ANTONIO, Alameda. Garage.
 Owner.....Wm. T. Lum, Premises.
 Architect...None.
 Contractor...Fred Peacock, 1533 Union, Alameda.
 COST, \$400

NOTICE OF NON-RESPONSIBILITY.

Nov. 7, 1914—LOT 7 BLK 1 Map Berkeley Square, Bkly. Berkeley Development Co as to improvements on leased property

NOTICE OF NON-RESPONSIBILITY.

Nov. 2, 1914—SW EIGHTH AND Stanford Ave S 121.66 SW 880.40 SW 106.8 S 365 E 61.26 th on curve to right rad 1356.76 th arc distance 498.07 NW 41.73, Emeryville. Mee Estate as to improvements on leased property

COMPLETION NOTICES.

ALAMEDA COUNTY

Oct. 15, 1914—LOT 28 Map Resbdrn ptn Blk "V" Vernon Park, Oakland Tp. P A Graham to Cederborg & Anderson.....Oct. 13, 1914
 Oct. 15, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to Peter N Schmidt.....
 Oct. 15, 1914—LOT "A" Map Lot 8, University Terrace, Bkly. Raymond C Brooks to W S Montgomery.....Oct. 10, 1914
 Oct. 16, 1914—S E-THIRTY-FIRST 125 E Stuart Ave 50x200, Oakland.

Henry Werth to whom it may concern.....Completed —
t. 16, 1914—LOT 7 Map Ptn Highland Park, Oakland. Eugene A Schmidt to whom it may concern.....Oct. 15, 1914
t. 16, 1914—NW THIRTY-EIGHTH and Webster, Okd. Henry Mason to A F Waid.....Oct. 14, 1914
t. 16, 1914—N FORTY-FIFTH 890 E Grove 50x100, Okd. M E Roberts to M Allen.....Oct. 16, 1914
t. 17, 1914—LOT 7 BLK 5 Claremont Park, Bkly. Annie H Lewis to F E Allen.....Oct. 16, 1914
t. 17, 1914—SE PARK AVE 659-10 1/2 SW Central Ave SE 150-5 1/2 SW 4-4 to pt beg; NW 129-3 N along curve 60 SW line Park Ave NE 29-1 1/4 SE 150-4 1/2 SW 37-6, Ala. J E Van Horn to Fletter & Winlund.....Sept. 24, 1914
t. 17, 1914—SE PARK AVE 559-9 SW Central Ave SE 193-10 1/2 SW 37-6 NW to pt on SE to pt beg, Ala. J E Van Horn to Fletter & Winlund.....Sept. 24, 1914
t. 17, 1914—NE PARK & ENCINAL Aves 37 1/2 x 135, Ala. J E Van Horn to Fletter & Winlund.....Sept. 24, 1914
t. 19, 1914—FIFTIETH AVE NO. 1256, being Lot 49 Blk "A" Linda Park Tract, Okd. Lillian B Jackson to J O Hunter.....Oct. 10, 1914
t. 19, 1914—LOT 40 Ardsley Heights Okd. Benjamin Hall to Patrick Nelson Bldg Co.....Oct. 8, 1914
t. 19, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to Elec. Constr Co, Oct. 14, 1914; L J Neal.....Oct. 17, 1914
t. 19, 1914—BRUSH NO. 1517, Okd Charles J Astrue to B A Trobeck (B A Trobeck Co).....Oct. 17, 1914
t. 20, 1914—N CAVOUR CO S Shafter Ave, Okd. G B Leonardini to C O Bradhoff.....Oct. 16, 1914
t. 21, 1914—SW TWENTY-SECOND and Grove 33.13x129.38, Okd. S F Oakland Terminal Railways to Wm J Bacuss and F T Kennedy.....Oct. 21, 1914
t. 22, 1914—NW HEARST AVE & Highland Place W 100xN 144.65, Bkly. Phi Delta Theta of Berkeley to C R Watts.....Oct. 20, 1914
t. 23, 1914—LOT 41 Map E B and A L Stone Co's Lots Elmhurst, Okd. John and Theodore Brakoumatos to E L Williams.....Oct. 21, 1914
t. 23, 1914—LOT 46, Fourth Ave Court, Okd. Mrs R S McCarty to E W Woodard.....Oct. 23, 1914
t. 26, 1914—BERKELEY WAY NO. 2139, Bkly. Josephine Ehret by James W Plachek to C H Warren.....Oct. 19, 1914
t. 26, 1914—N APGAR 100 E West E 35xN 125, Okd. Mercedes and Gertrude Oramas to Oakland Bldg & Investment Co.....Oct. 24, 1914
t. 28, 1914—LOT 40x72 on E San Pablo Ave bet. 43rd and 45th Sts, Emeryville. Adolph Kuhn to C E Wheeland.....Oct. 26, 1914
t. 28, 1914—LOT 11 Map Dimond Vista, Okd. Grace C Woodburn to whom it may concern.....Oct. 28, 1914
t. 28, 1914—N 20 LOT 7 and S 20 Lot 6 Blk 1 Graves & Taylor Trct, Bkly. Frank S and Dora A Clark to Patrick-Nelson Bldg Co.....Oct. 23, 1914
t. 28, 1914—NE BELLEVUE AVE 232.25 NW Van Buren Ave NW 100xNE 125, Okd. Margaret C Dunn and Mary T Dunn to Schnebly,

Hostrawser & Pedgrift.....Oct. 28, 1914
Oct. 29, 1914—E WEBSTER 97.10 S 48th S 35XE 100, Okd. A B Reinertsen to whom it may concern.....Oct. 29, 1914
Oct. 29, 1914—NW PINE & SEVENTH Okd. G B Levaggi to J H Bruecker.....Oct. 26, 1914
Oct. 29, 1914—LOT 21 BLK "H" Northrae Terrace, Bkly. Winfield S Morrison to H Goranson.....Oct. 29, 1914
Oct. 30, 1914—NW LAKE SHORE AV 103 from SW line Cottage street (known as 777 Lake Shore Ave), Okd. Chas E Quigley to whom it may concern.....June 7, 1914
Oct. 30, 1914—E NINTH 367 N Snyder Ave N 77.70 E 150.09 S 82.86 W 150, Bkly. John Holm to whom it may concern.....Oct. 15, 1914
Oct. 30, 1914—S FIFTIETH 117.06 W Lawton Ave being E 12.48 Lot 26 and W 25.52 Lot 27 Lawton Ave Trct, Okd. Charles McArthur to whom it may concern.....Oct. 30, 1914
Oct. 30, 1914—S FIFTIETH 79.06 W Lawton Ave, being E 14.48 Lot 27 and W 23.52 Lot 28 Lawton Ave Trct, Okd. Charles McArthur to whom it may concern.....Oct. 30, 1914
Oct. 31, 1914—LOT 11 BLK 24 Map Melrose Heights, Okd. William A Le Baron to whom it may concern.....Oct. 31, 1914
Oct. 31, 1914—SE FIFTH & LINCOLN Ave, Ala. D and Agnes Anderson to Jas T Johnston, John E Branagh, Thos A Cuthbertson (Johnson Co).....Oct. 26, 1914
Oct. 31, 1914—LOT "Y" Eucalyptus Hill, Okd. Waldo E Dodge to Torrence S Peterson.....Oct. 31, 1914
Nov. 2, 1914—SW LINDA AVE AND NW Glen Ave SW 40xNW 100, Okd. C Alice Johnston to H M Swalley.....Nov. 2, 1914
Nov. 2, 1914—N BERRYMAN 85 E Henry E 50xN 120. John G Howell to Jacob Kollmer.....Oct. 15, 1914
Nov. 4, 1914—LOT 107 Amended Park Miles Ave 37-6x106, Okd. A T Anderson to L G Geary.....Oct. 29, 1914
Nov. 4, 1914—LOT 5 Fruitvale Add'n Tract, Okd. Geo D Warren to Alex C Wieben.....Oct. 29, 1914
Nov. 4, 1914—NW EIGHTH AVE 137-36 SW E-23rd SW 37-6xN 149-6 19-32, Okd. Annie C Peterson to Charles Peterson.....Oct. 20, 1914
Nov. 5, 1914—E LOCKSLEY AVE 100 N Clifton N 28.74xE 100, Oakland. Annette Bank to Ed Collins.....Nov. 2, 1914
Nov. 5, 1914—BOUNDED ON NE County Road leading from Center-ville to Irvington; SE lands Dubois Eaton, SW lands F F Dusterberry. J C Mowry to Robert Irvine.....Nov. 1, 1914
Nov. 5, 1914—LOT 3 Map Sbdvn Lot 13 Blk 5 and Lot 14 Blk 6 of ptn La Loma Park and Wheeler Tract, Bkly. Elizabeth S Kelsey to Junk-Riddell Invest Co.....Nov. 4, 1914
Nov. 5, 1914—LOT 23 BLK 9 Thousand Oaks, Oakland Tp. F R Peake Co to Chris Engelsens and Alex Carlson.....Nov. 5, 1914

LIENS FILED.

ALAMEDA COUNTY.

Oct. 14, 1914—NE SIXTH AND SE West NE 100xSE 75, Okd. Yager Sheet Metal & Plumbing Co vs F Depavo, Luigi Giachino and R E

Moore \$44.20
Oct. 14, 1914—LOT 39 Map Piedmont Manor, being SE Manor Drive and Holly Place, Piedmont. Spott Irog, \$144.05; E L Thompson, \$72; J F Ellis (National Roofing Co), \$32.50; John A Kettle, \$28; Hogan Lumber Co, \$35.50 vs Eva and A C Davis and James Rountree.....
Oct. 15, 1914—LOT 39 Map Piedmont Manor, Piedmont. Pacific Fuel & Bldg Material Co, \$27.15; E Light foot, \$23.57; Pacific Mfg Co, \$351.41; Standard Fence Co, \$33 vs A C Davis and James Rountree.....
Oct. 15, 1914—NE SIXTH AND WEST E 75xN 100, Okd. Pacific Fuel & Bldg Material Co vs F Depavo, L Giachino and Roy E Moore.....\$742.25
Oct. 17, 1914—S FORTY-NINTH 653 M Broadway W 33 S 190 E 33 N 184, Okd. Pacific Mfg Co vs A C Wigmore and John Weitzel.....\$165.50
Oct. 21, 1914—SE WEST AND NE Sixth NE 100xSE 75, Okd. Melrose Lumber & Supply Co vs F Depavo, Luigi Giachino and R E Moore.....\$2065.24
Oct. 8, 1914—SE 1/2 LOT 30 BLK 16 Map Boulevard Park, Okd. E L Blackman Co vs Ada F Simpson and O M Bullock.....\$31.80
Oct. 22, 1914—PTN LOT 13 Map Rose-lawn Park, being N Shafter 470 E College Ave, Okd. Pacific Fuel & Bldg Material Co vs Hattie E Walsh and John Mowat.....\$44.45
Oct. 22, 1914—REAR 542 THIRTY-first, being N Pin Lot 40 Blk 2036 Map Rowland Tract, Okd. Pacific Fuel & Bldg Material Co vs Dora Bistorious, Ada Bistorious, Albert Bistorious, John R Faulkes and Alfred Cords.....\$24.20
Oct. 23, 1914—LOT 38 Map Piedmont Manor, Piedmont. Union Floor Co vs Walter H Creighton and Geo A Posey.....\$109
Oct. 23, 1914—ROSE NOS. 1268-10-14 being Lots 1, 2, 3 and 4 Blk "D" Regents Park Map No. 3, Bkly. Anton Brunner vs Conservative Bldg & Invest Co.....\$325
Oct. 23, 1914—SE WEST AND NE Sixth NE 100xSE 75, Okd. Union Floor Co vs Roy E Moore, F De Pavo, Luigi Giachino and F C Eisen.....\$157.35
Oct. 23, 1914—SW SAN LEANDRO Road 107.8 SE 97th Ave SE 25xSW 100, Okd. King Elec Co vs John Brakoumatos.....\$180
Oct. 24, 1914—N SHAFTER AVE 470 E College Ave E 35xN 150, Okd. J V Cooney vs Hattie E Walsh and J Mowat.....\$110
Oct. 26, 1914—LOT "V" Map Eucalyptus Hill, Claremont, Okd. John P Maxwell vs Torrence S Peterson, W E Dodge and 1st Trust Bank of Emeryville.....\$78.81
Oct. 26, 1914—W TELEGRAPH AVE 250 S 16th S 75 W 82.27 N to point distant 100 W pt beg E 100, Okd. Burnham Standford Co vs Geo C Pardee and A Thomson.....\$362.15
Oct. 26, 1914—SE LAWTON AND College Aves NE 60 SE 166 SW 102 N to pt beg, Okd. N O Nelson Mfg Co vs S Koerber Co and C E Graven.....\$302.55
Oct. 27, 1914—NE SIXTH AND WEST E 75xN 100, Okd. F C Vieira, \$52; J D Green, \$125 vs F Detava, L Giachino and R E Moore.....
Oct. 29, 1914—SE FORTY-SECOND Ave and SW E-12th SE 44.58 SW 120.75 N W41.68 NE 120.75, Okd.

.....	\$160.35
Oct. 30, 1914—LYNDE 214.94 E	
Fruitvale Ave E 50.8x85 100, Okd.	
Sunset Lumber Co vs Grethe S and	
J M Rothe and L W Gaither.....	\$111.34
Oct. 30, 1914—PTN LOT 49 Map Ppty	
Oakland Homestead Association,	
Okd. Sunset Lumber Co vs Lou and	
Justus Norris.....	\$710.52
Nov. 2, 1914—LOT 14 BLK 13 Map	
Northbrae, Bkly. Hogan Lumber	
Co vs A Y Skee.....	\$405.12
Nov. 4, 1914—LOT .07 Amended Map	
Nov. 1, 1914—W THIRTEENTH AVE	
370 S Brighton Ave S 40xW 105,	
E L Blackman Co vs R E Reeves...	
Hebel.....	
Rhoda Tract, Okd. E H Wittorf,	
\$102.50; F M Dreisbach (Zenith	
Mill & Lumber Co), \$417.39 vs A	
Okd. A P Azevedo vs Cecilia Simp-	
son.....	\$385
Nov. 5, 1914—LOT 18 BLK 4 Map	
Blks 3 and 4 of Berkeley Park Tct,	
Bkly. Chas F and D M Naylor vs	
S Santo and Mrs S Santo and M J	
Barker.....	\$213

SAN JOSE AND THE SANTA CLARA VALLEY

RESIDENCE — 2 story and base, frame, \$25,000. Burlingame, San Mateo Co., Cal. Architects, Havens & Toepke, 46 Kearny street, S. F. Owner, Joseph Zellerbach. The dwelling will contain twelve rooms, three baths and sleeping porches. Interior will be finished in pine and hardwoods and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$5,000. Los Gatos, Santa Clara Co., Cal. Architect, William C. Hayes, First National Bank Bldg., S. F. Owner's name withheld. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared. Figures will be called for shortly.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

FRAME ADDITIONS

EAST ½ OF NW ¼ OF SEC 7, TOWNSHIP 5 South Range 1 West M D M. All work for frame additions to four cottages.

Owner.....Odd Fellows Home Trustees.

Architect...J. H. Boehrer, Delger Bldg., Oakland.

Contractor...Z. O. Field, 113 W-Santa Clara, San Jose.

Filed Oct. 19, '14. Dated Oct. 17, '14.

Rough carpenter work in.....\$1565.50

Lathing and plastering..... 1565.50

When completed..... 1565.50
Usual 35 days.....1565.50
TOTAL COST, \$6262.00
Bond, \$3131. Sureties, F. H. Figel and V. Koch. Limit, 60 days. Forfeit, none
Plans and specifications filed.

FRAME DWELLING

LOT 10 BLK 16, Los Altos. All work for two-story frame dwelling.

Owner.....Mrs. Guy V. Shoup, Los Altos.

Architect...W. Skillings, 515 Garden

City Bank Bldg., San Jose

Contractor...P. T. Jorgensen, 113 W-Santa Clara, San Jose.

Filed Oct. 29, '14. Dated Oct. 28, '14.

Frame up.....\$1443.75

When plastered..... 1443.75

When completed..... 1443.75

Usual 35 days..... 1443.75

TOTAL COST, \$5775.00

Bond, \$3000. Surety, U. S. Fidelity &

Guarantee Co. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY.

RESIDENCES

S BARRIOLLET AVE near El Camino Real, San Mateo. Labor only and material for electric wiring, painting, plastering, brick work, plumbing and tinning for two dwellings.

Owner.....J. D. Cuthbert, San Mateo Park.

Architect...Ernet L. Norberg, Burlingame.

Contractor...A. Cook, San Mateo.

Filed Oct. 27, '14. Dated Oct. 24, '14.

Ceiling joists in place.....\$279.75

Sheathed, shingled and ready

for plaster..... 279.75

Completed and accepted..... 279.75

Usual 35 days..... 279.75

TOTAL COST, \$1119.75

Bond, none. Limit, 90 days after Nov.

1. Forfeit, none. Plans and specifications

filed.

FRAME BUILDING

LOT 6 BLK 4 SBDVN NO. 2 Burlingame Park. All work for one and one-half-story frame building.

Owner.....Jas. and Isabel Dobbie, Burlingame.

Architect...None.

Contractor...W. B. Eaton, Burlingame.

Filed Nov. 2, '14. Dated Oct. 30, '14.

Frame up and rafters on.....\$622.50

Ready for plastering..... 622.50

Completed and accepted..... 622.50

Usual 35 days..... 622.50

TOTAL COST, \$2490.00

Bond, \$1245. Sureties, Joseph Grimes

and H. W. Regan. Limit, 90 days.

Forfeit, none. Plans and specifications

filed.

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED

Oct. 28, 1914—WILLOWBROOK

Farm. Herbert Edward Law to

whom it may concern. Sept. 24, 1914

Oct. 30, 1914—NE end CHESTNUT,

Redwood City. Redwood City

Harbor Co to J P Holland,

.....Oct. 28, 1914

Oct. 31, 1914—GRAND & LINDEN

Ayrs, South San Francisco. South

San Francisco Land & Imp. Co. to

Thos H Day's Sons.....Oct. 26, 1914

Oct. 31, 1914—LOTS 15 AND 16 BLK

ACCEPTED

"O" Map No. 2, San Mateo Heights. Maurice F Boland to Croop & Keegan.....Oct. 30, 1914
Oct. 31, 1914—PORTALA Road (Hatfield Ranch. E D Connelley to L G Bergren.....Oct. 26, 1914
Oct. 31, 1914—LOT 9 BLK "H" Map No. 2, San Mateo Heights. Clyde R Blackford to F H Boring.....Oct. 28, 1914
Oct. 31, 1914—LOT 20 BLK 7, Crocker Tract, Daly City. H C Mangels to whom it may concern.....Oct. 3, 1914
Nov. 2, 1914—BURLINGAME AVE & Main, Burlingame. Archie L Offield to Charles E Smalridge.....Nov. 2, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED	AMOUNT
Nov. 2, 1914—LOT 19 BLK 22, San Mateo. Eureka Sash, Door & Moulding Mills vs A Draga and F Bonaccorso.....	\$153.26

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE — Concrete construction, \$4,100. San Rafael, Marin Co., Cal. Engineer, County Engineer, San Rafael. Owners, Marin County. The Supervisors have rejected all bids submitted for the construction of a concrete bridge across San Antonio creek on the Red Hill road. The estimated cost of the bridge was \$4,100, but when bids were opened they ran as high as \$5,800. The building of the bridge has been postponed until the early part of next year.

WHARF CONSTRUCTION—Timber. Cost not stated. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbitts, Alaska Commercial Bldg., S. F. Owners, Town of Richmond. Haviland & Tibbitts, harbor engineers, have completed plans and specifications for the outer wharf to be constructed in this city. The plans call for the construction of a wharf 800 feet long and 90 feet wide. On the approval of the plans by the City Council bids will be called for.

STREET WORK—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. City Engineer Chapman has been instructed to prepare plans for the grading of a 40-foot street to connect the outer harbor wharves and the Santa Fe mole with the extension of Washington avenue. On the completion of the plans bids will be called for. Resolutions of intention to pave Contra Costa street have been passed by the City Council of Richmond.

SEWER CONSTRUCTION — \$90,000. Richmond, Contra Costa Co., Cal. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. Plans for the sewer for the Canal subdivision on the west side of the city have been presented to the City Council for approval. The sewer will cost in the neighborhood of \$90,000 and will be one of the most important undertakings of its kind in Richmond. Figures will be called for shortly.

RAILROAD WORK—Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. A crew of Southern Pacific engineers are now

E. H. Williams **Chalmer Munday**

Munday & Williams
Attorneys-at-Law

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in Martinez making surveys for the spur tracks which are to be built from the main line through the lands of the Shell Company, where the big oil refinery is to be built. The main spur track is to extend from the main line at a point near the present spur track connections southerly through the canyon in which the old Fraser home stood to the southernmost limits of the tract. Addition spur tracks are to be built at once to other parts of the 400-acre tract.

Contracts Awarded.

HOSPITAL COTTAGE—1 story, concrete and frame, \$15,475. Eldridge, Sonoma Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Louis Cereghino & Son, S. F. Contract price, \$15,475.

LIENS FILED.

MARIN COUNTY.

RECORDED **AMOUNT**

Nov. 2, 1914—**TIBURON**, Marin Co., Dan O'Connell vs Joseph Gleissner, extrx and M Herrington.....\$67.79

Nov. 2, 1914—**CORINTHIAN ISLAND**, Tiburon, Morris & Woolman, \$95; Jones-Duncan Paint Co, \$31.25 vs Joseph Gleissner and T M Herrington.....

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

SEWER AND WATER EXTENSIONS—Cost not stated. Orland, Glenn Co., Cal. Engineer, City Engineer, Orland. Owners, City of Orland. There were eight bidders for the construction of the extension work of the sewer and water systems, and the prices for the work ranged from \$15,450 to \$10,832.39. Bier & Siller of Fresno had the lowest bid. S. E. Vincent, who built the sewer system now being used in this city was next lowest, with \$12,332.02. The Trustees did not award the contract at the time, but will probably determine which contractor will be given the contract shortly.

ELECTROLIERS—Concrete, brass or iron. Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Specifications for the proposed lighting system in Fresno have been withdrawn by the City Trustees and new specifications will be drawn to be submitted to the Trustees at their next meeting. The makers of copper, iron, steel, concrete and all other kinds of electroliers will be given a chance to submit a bid according to the new specifications.

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WYBRO Panels have been tried and tested time and again. They are now of proven quality.

Users have proven to themselves that there are no better panels made than the WYBRO—that is why WYBRO Panels are great repeaters.

GARAGE—1 story and base, reinforced concrete, \$50,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owner, J. C. Phelan, 1412 I street, Fresno. The building will be erected at the corner of K and Mono streets, covering an area of 100 by 150 feet. Construction will be fireproof with reinforced concrete floors, walls and steel roof trusses. Interior will be finished in pine. There will be special gasoline storage tanks. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are being prepared. A contract for the excavating has been awarded to Thompson Bros.

LIBRARY—1 story and base, reinforced concrete, \$10,000. Exeter, Tulare Co., Cal. Architects, Bowen & Davis, Fresno. Owners, City of Exeter. The building has been designed in the classic style and will contain a large main reading room, stack room and office for the librarian. Interior will be finished in pine and redwood with a maple floor in the reading room. Plans provide for furnace heat. Metal book shelves will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

AUXILIARY WATER SYSTEM—Cost not stated. Reedley, Fresno Co., Cal. Engineer, City Engineer, Reedley. Owners, City of Reedley. Plans and specifications have been completed for the auxiliary water system, and figures are now being taken. Bids will be taken separately for (1) construction of the pump pit, (2) construction of a pump house and office and (3) for furnishing and installing pumping machinery and accessories. Bids will be opened on November 17th. Plans and specifications can be secured from the City Clerk.

PRESSURE IRRIGATION SYSTEM—\$30,000. Fresno, Fresno Co., Cal. Engineer, City Engineer Cronkhite, Fresno. Owners, City of Fresno. According to statements made by the Board of Park Commissioners a pressure irrigation system costing \$30,000 will be started before the end of the year. A pumping station and block of automatic sprinklers to cost about \$2,500 will be the initial installment. City Engineer Cronkhite will make a survey of the proposed system and report at the next meeting of the commissioners.

Contracts Awarded.

FILTRATION PLANT—\$11,000. Cal. exico, Imperial Co., Cal. Engineer,

City Engineer, Calexico. Owners, City of Calexico. Contractors, Blaisdell Filtration Co., care of City Clerk, Calexico. Contract price \$11,000 for work complete.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

SCHOOL
LOT OF LAND ON EASTERLY SIDE of Concord and Avon Road, being lot of Mt. Diablo Union High School. Excavating, grading, concrete and cement work, carpenter, plumbing, sheet metal work, painting (except such labor and materials as are particularly mentioned as being furnished by owner) for Manual Training Department of Mt. Diablo High School.

Owner.....Mt. Diablo Union High School District, Concord.
Architect...Geo. C. Meeker, 1st Nat'l Bank Bldg., Concord.
Contractor...C. Randolph Hoak, Concord.

Filed Oct. 30, '14. Dated Oct. 26, '14.
Frame completed ready for roof
boards and rustic.....\$561
Work completed.....561
Usual 35 days.....561
TOTAL COST, \$1653
Bond, none. Limit, 45 working days.
Forfeit, \$5. Plans and specifications filed.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

JAIL—2 and 3 story and base, reinforced concrete, \$35,000. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Yolo County. Contractor, Harvey A. Klyce, Sheldon Bldg., S. F., general construction only. Contract price, \$23,571. Note: This contract does not include plumbing, electric work, heating or special jail cells and equipment.

CLUB HOUSE—2 story and base, frame, \$6,500. Lodi, San Joaquin Co., Cal. Architect's name not given. Owners, Women's Club of Lodi. Members of the Women's Club of Lodi are viewing various sites for the erection of a club building. The funds for the erection of the building have already been secured and nothing remains but the selection of the site. The building will be of frame construction, probably two stories in height.

SCHOOLS—2, 1 and 2 story and base, brick and reinforced concrete, \$100,000. Woodland, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S.

E. Owners, Woodland School District. These two buildings will be erected from funds recently voted by the citizens. One building will be erected on the Oak street site and the other on the Walnut street site. Construction will be of the slow-burning type with unproof corridors, walls and stairways. Interiors will be finished in pine with maple floors in the class rooms. There will be departments for manual training and domestic science. Exteriors will be faced with cement plaster. Plans are being prepared and it will be some time before bids will be called. Further mention will be made of the work.

SIDEWALK CONSTRUCTION—Cost not stated. Chico, Butte Co., Cal. Engineer, City Engineer, Chico. Owners, City of Chico. An order has been made by the City Board authorizing the calling for bids for the construction of 1,139 feet of sidewalks in districts 2 and 3. The work must be started and the contracts let before the first of the year.

Contracts Awarded.

BRIDGE—Timber and concrete, \$14,000. Woodland, Yolo Co., Cal. Engineer, Knights Landing Irrigation District. Owners, Knights Landing Irrigation District. Contractors, Jenkins & Wells, Sacramento. Contract price, \$14,000.

STREET WORK, CURBS AND PAVING—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractor, William Haskill, Stockton. Contract price not stated. Mr. Haskill's contract calls for paving Sonora street east of San Joaquin and curbs on Church street.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

FLATS

W ½ of S ½ LOT 8, E, G, 23RD AND 24th Sts., Sacramento. Erect flats. Owner.....Frank Johnson, 211 Masonic Bldg., Sacramento.
Architect...None.
Contractor...Jas. A. McCullough.
COST, \$7000

SHED

NO. 1129 S ST., on Blk B, C, 11th and 12th Sts., Sacramento. Build shed. Owner.....Phoenix Milling Co., 13th and J Sts., Sacramento.
Architect...None.
Contractor...M. D. Smith.
COST, \$300

CONCRETE FLOOR

LOT 4, O, P, 1ST AND 2ND STS., Sacramento. Lay concrete floor in basement of warehouse. Owner.....S. M. Phillips, 1523-31 Front St., Sacramento.
Architect...None.
Contractor...Murcell & Haley, 2nd and V Sts., Sacramento.
COST, \$300

ALTERATIONS

NO. 1108 S ST., on N ½ Lots 1 and 2, S, T, 11th and 12th Sts., Sacramento. Build porch and stairs and raise bldg. Owner.....Mrs. A. Pimentel, 1901 11th St., Sacramento.
Architect...None.
Day's work.
COST, \$1200

FLAT RESIDENCE

NO. 2729 F ST., on W ½ of S ½ Lot 5, E, F, 27th and 28th Sts., Sacramento. Two flat residence. Owner.....Mrs. J. Marcholdt, Prem. Architect...None.
Contractor...Arthur & Robert Marcholdt, 2700 F St., Sacramento.
COST, \$4000

RESIDENCE

NO. 3738 MADRONE, Lot 102 Sub B, South Sacramento. Five-room residence. Owner.....Mrs. Mary Foley. Architect...None.
Contractor...Guy Foley, 3750 Madrone, Sacramento.
COST, \$1200

LOTS 1 TO 8 H, I, 6TH AND 7TH STS.,

Sacramento. Granite lateral. Owner.....County of Sacramento. Architect...None.
Contractor...Teichert & Ambrose, Ochsner Bldg., Sacramento.
COST, \$16,374

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

PIPE LINE

FROM COALINGA TO MARTINEZ through the following counties: Fresno, Merced, Stanislaus, San Joaquin, Alameda and Contra Costa. Pipe, labor and materials, painting, fitting in place and all complete for pipe line.

Owner.....Valley Pipe Line Co., S. F. Architect...Engineer Valley Pipe Line Company.
Contractor...Hill, Hubbell & Co., 1 Drumm, San Francisco.
Filed Oct. 26, '14. Dated Sept. 29, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
COST, 10 inch pipe, 12 ½¢ per lin. ft.; 8 in. pipe 10 ½¢ per lineal foot.
Bond, \$50,000. Surety, New England Casualty Co. Limit, forfeit, none. Plans and specifications filed.

TRENCHES FOR PIPES

FRESNO, MERCED, STANISLAUS, SAN JOAQUIN, ALAMEDA, CONTRA COSTA. All trenches for pipes 20 inches wide and not more than 5 feet deep. Owner.....Valley Pipe Line Co., S. F. Architect...Engineer Valley Pipe Line Company.
Contractor...R. F. Ware.
Filed Oct. 26, '14. Dated Sept. 30, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
COST, 3 ½¢ per lin. ft. of trench.
Bond, \$16,000. Surety, Southwestern Surety Insurance Co. Limit, 1 mile of trench each 24 hours. Forfeit, none. Plans and specifications filed.

BANK AND OFFICE BUILDING

NW SUTTER AND MAIN STS., Stockton. Linoleum floor covering for 10-story and basement Class "A" bank and office building. Owner.....Commercial & Savings Bank, Stockton.
Architect...L. B. Dutton, Chronicle Bldg., San Francisco.
Contractor...D. N. and E. Walter Co., 100 Stockton, San Francisco
Filed Oct. 28, '14. Dated Sept. 28, '14.
Semi-monthly payments of..... 75%
30 days after.....Balance

TOTAL COST, \$2362.50

Bond, \$1182. Surety, The Aetna Accident & Liability Co. Limit, 15 days. Forfeit, \$50. Plans and specifications filed.

LIGHTING FIXTURE CONNECTIONS on above.

Contractor...Thos. Day Co., 725 Mission, San Francisco.
Filed Oct. 28, '14. Dated Oct. 21, '14.
On completion of work..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3250

Bond, \$1625. Surety, American Surety Co. of New York. Limit, 15 days. Forfeit, \$50. plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Oct. 29, 1914—N ½ of N ½ LOT 2, J K, 22nd and 23rd Sts., Sacramento. J J Monteverde to J Harry Wygant
.....Oct. 29, 1914
Nov. 5, 1914—LOTS 143-144 West Curtis Oaks, Sacramento. Estelle Redmond to Frank P Williams...
Completed

DEEDS FILED.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Nov. 6, 1914—LOT 21 Add'n B, East Sacramento. William Kinsel vs H C Muddox & Jas J Jennings. \$300

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE AND THEATRE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Charles M. Moffet, San Fernando Bldg., L. A. Owner, A. Duperaul. The building will be erected at the corner of Washington and 5th avenue, covering an area of 75 feet by 150 feet. Ground floor will be arranged to contain a theatre seating 500 people and six stores. Upper floors will contain eighteen suites of two rooms each. There will be wall beds and private bath rooms. Interior will be finished in pine with some ornamental plaster in the theatre. Plans provide for steam heat and a hot water supply. Bath rooms will have composition floors. Patent store fronts are specified. Exterior will be faced with pressed brick. Plans are being prepared.

FREIGHT SHED—1 story, reinforced concrete. Cost not stated. Los Angeles, Cal. Engineer, Chief Engineer Santa Fe Co., Kerchoff Bldg., L. A. Owners, Santa Fe Railway Co. The building will be erected at the corner of 3rd and Santa Fe avenue, covering an area of 60 by 200 feet with a wing 60 by 150 designed for an unloading shed for automobiles. Walls and floor will be of reinforced concrete. Metal doors and window sash are specified. Plans call for modern plumbing and electric work. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—1 story and base, reinforced concrete, \$60,000. Los Angeles, Cal. Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A.

Owners, Eagle Rock School District. The building will have reinforced concrete walls, corridors and stairways. There will be eleven class rooms, an auditorium seating 500 people, office and departments for manual training and domestic science. Interior will be finished in pine throughout with maple floors in the class rooms. There will be steam heat, a modern system of ventilation and plumbing and program clocks. Exterior will be faced with cement plaster. Preliminary plans only have been prepared. Bonds will be voted on November 13th and if the issue carries working drawings will be completed at once.

WAREHOUSE—6 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Engineer, Los Angeles Harbor Engineer, L. A. Owners, City of Los Angeles. Plans and specifications have been submitted to the harbor commission by the harbor engineer for the first of the municipal warehouses to be erected at the harbor. The engineer recommends that the structure should be six stories and basement. The plans provide for a building 152 by 480 feet, and of reinforced concrete construction. It will have large freight elevators in the center, light whip hoists over each tier of cargo doors on each side of the building, automatic sprinkler system and electric lighting system. Working drawings will be completed as soon as these plans receive approval of the Harbor Commission.

FACTORY—1 and 2 story, brick and concrete. Cost not stated. San Bernardino, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owner, Nomeal Food Products Co., represented by Martin M. Kallman. Mr. Kallman has recently returned from a trip to San Bernardino and has announced the selection of a site for the new buildings. Only preliminary drawings have been made and it is impossible to give details of construction. Further mention will be made as the work progresses.

SCHOOL—1 story and base, hollow tile construction, \$40,000. Holtville, Imperial Co., Cal. Architects, Allison & Allison, L. A. Owners, Holtville School District. The building will contain eight class rooms, an auditorium, departments for domestic science and manual training. Interior will be finished in pine with some maple floors. There will be a modern system of ventilation, program clocks and modern school plumbing. Exterior will be faced with cement plaster. Bonds have been sold and the money will be available at once. Bids will be called for shortly.

EXPRESS DEPOT—1 and 2 story and base. Class A and Class C construction. Cost not stated. Los Angeles, Cal. Architect, James H. Humphreys, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Co. The building will be erected at the corner of 4th street and Central avenue, covering a ground area of 100 by 225 feet. The main portion of the building will of Class A construction with a steel frame and reinforced concrete walls and floor. Steel roof trusses will be used. Interior will be finished in pine and metal trim. Metal window sash and frames will be used. Exterior will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$15,000. Long Beach, Los Angeles Co., Cal. Architect, none. Owner, Dr. Mack. Contractor, G. H. Schuler, Sunset Boulevard and Gardener street, L. A. Contract price, \$15,000.

WAREHOUSE—3 story and base. Class C construction, \$65,000. Los Angeles, Cal. Architects, William Culllett & Son, Merchants' Bank Bldg., L. A. Owners, Irudgar-Merle Co. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. Contract price, \$65,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and base, brick, \$20,000. Portland, Ore. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owners, Commonwealth Realty Co. The building will be erected on Sandy road, having a frontage of 44 feet and a depth of 95 feet. There will be a total of 16 suites of two and three rooms. The three-room apartments will have two disappearing beds and the other apartments one. Interiors will be finished in pine throughout. Some hardwood floors will be used. Plans provide for steam heat and a hot water system. Each apartment will have a private bath. Exterior of the building will be faced with pressed brick. Plans are prepared and the work will be done by Day Labor.

ARMORY—2 story and base, reinforced concrete, \$75,000. Eugene, Ore. Architects, Hunzicker & Preusse, Eugene. Owners, State of Oregon. This building has been mentioned here a number of times before when plans were being prepared. The building will cover an area of 149 by 132 feet and will be of fireproof construction. Basement will contain a large banquet hall, store rooms and gymnasium. First floor will be arranged for a drill room 144 by 88 feet. The second floor will contain a balcony around the drill room and officers' quarters. Interior will be finished in pine throughout. A maple floor will be used in the drill room. Plans provide for steam heat. Plans are complete and figures are being taken. Separate bids will be taken for the general construction, heating, plumbing and electric work. Bids will be opened on November 21st in the office of Adj. Gen. W. E. Finzer at Portland.

Contracts Awarded.

DISTRIBUTING POST OFFICE—1 story and base, reinforced concrete, \$12,000. Portland, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, Pioneer Trust Co. Contractor, John Hedstrom, 756 Kerby street, Portland. Contract price, \$12,000.

SEATTLE AND WASHINGTON.

MOTION PICTURE STUDIO GROUP—1 and 2 story buildings, frame and concrete, \$250,000. Seattle, Wash. Architect's name not given. Owners, Puget Sound Film Producing Co., Eilers Bldg., Seattle. The Puget Sound Film Producing company will spend eventually \$250,000 in buildings. The first unit will cost \$50,000 and will be built this year, but it has only just been announced that \$100,000 in building construction will be spent each

year for the next two years. Those mentioned as interested in the company are E. K. Lamson, E. C. Wilcox and A. Nelson. The class of construction or the character of the building are not stated.

WHARF—Timber pile. Cost not stated. Everett, Wash. Engineer, Chief Engineer, Great Northern Railway, St. Paul. Owners, Great Northern Railway Co. Plans for a large timber and pile wharf to be constructed at the company's waterfront yards have been completed and approved. Bids will be called for at once. Full particulars can be secured by addressing the company engineer in charge of the work at Everett.

JETTY WORK—\$100,000. Vancouver, Wash. Engineer, Port of Vancouver Commission, Vancouver. Owners, Town of Vancouver. Plans have been completed and bids will be received by the Commission until 2 p. m. Monday, November 16, for the immediate construction of a jetty to extend from the Oregon shore line into the Columbia River at an angle of 45 degrees. The structure is to be approximately 2,100 feet long, of pile and timber construction. Alternate bids will also be received for the different work in separate contracts as follows: Furnishing piling, driving piling, framing, furnishing lumber, spikes, etc., and for furnishing and placing of rock. The cost of the improvement or the amount appropriated for the work is not given, but according to a very conservative estimate made by a local engineer, a structure of this character would cost about \$100,000. W. B. DuBois is secretary of the Commission.

SCHOOL—3 story and base, reinforced concrete and brick. Cost not stated. Seattle, Wash. Architect, Architectural Department Board of Education, Seattle. Owners, City of Seattle. Bids were opened recently for the construction of the Ballard School. The Sound Construction and Engineering Co., Seattle, was low on the general construction at \$235,841; P. J. Lavan low on the heating at \$33,250; Peterson Heating and Plumbing Co. low on the plumbing at \$29,800; and the Ne Page-McKenna Co. low on the electric work. Contracts have not been officially awarded.

RECLAMATION PROJECT—Cost not stated. Sunnyside, Wash. Engineer, United States Reclamation Service, Washington, D. C. Supervising Engineer C. H. Swigert, Sunnyside. Owners, United States Government. Bids for the construction of the Sunnyside unit of the Yakima project, which were opened last week, are as follows: Valley Construction Co., \$91,625; Oregon Bridge and Construction Co., \$87,653; Nettleton, Bruce & Eschbach, \$99,720; Consolidated Contract Co., \$96,253; George P. Wright, \$81,092; McDonald & McGuire, \$197,973; Grant Smith & Co., \$26,128; The Pacific Tank and Pipe Co., \$10,976 for the pipe, and the Chamberlain Construction Co. bid \$12,998 for the same, and the bid of the Redwood Mfg. Co. was \$14,089, alternate, \$13,153. Washington Pipe and Foundry Co., \$10,777, alternate, \$10,571.

REMOVAL NOTICE.

ASHTON & BRIDGMAN have removed their offices from the Foxcroft Building, 68 Post Street, and are now located at 503 Market Street.

VALUABLE PHILIPPINE HARDWOODS.

[Vice Consul General A. E. Carleton, Hongkong, China.]

Exports of the famous Philippine hardwoods to the markets of the Orient and to the United States are steadily increasing, and the demands are much greater than the current production can fill. It is estimated that 300,000,000 board feet could easily be marketed outside the islands, while the quantity exported last year was less than 10,000,000 feet.

According to the returns of the collector of customs the value of the timber exported in 1913 was \$9,665, a slight increase over 1912. Lumber has shown an advance in export value from \$63,155 in 1912 to \$214,814 in 1913, the greater part going to the United States. The United States imports chiefly narra and tanguile woods, both being among the best woods obtainable for construction and cabinet work. **Hongkong's Purchases of Philippine Woods—Lack of Capital.**

The imports into Hongkong have increased from \$8,539 in 1912 to \$31,407 in 1913. Although there are no definite figures to work upon, one Hongkong lumber firm estimates the imports of Philippine woods for the first seven months of 1914 at 3,000,000 board feet. These figures are far in excess of those for any year since 1898.

In the Philippines the great trouble seems to be lack of capital to move timber from the virgin forests; it costs much more to log wood in the islands than elsewhere, for instance, in Borneo, where there are many more rivers available for carrying the timber from the forests to the saw mills. Prior to the American occupation of the Philippines the greater part of the hardwoods used in Hongkong and South China ports were imported from the Philippines. Owing to the increased demand in Manila, and other portions of the islands and the consequent rise in prices, this trade gradually dropped off, Hongkong traders going to Borneo. It will, therefore, require persistent effort on the part of those interested in exploiting the Philippine export lumber trade to again obtain a fair share of the business in this section of the Far East.

Varieties Most Sought.

The woods most frequently inquired about are yacal, apitong, pagatpat, lumbayao, and red lauan. The first named is said to be particularly good for flooring boards, in fact all these woods have proved to be excellent for general house construction. For the construction of motor boats, lumbayao and lauan are highly recommended for planking purposes where the timber is not to be painted, as they both take an excellent polish. For heavier construction work on vessels of a larger type, yacal has proved very acceptable, being more durable and of greater tensile strength than the Borneo timber.

[The timber resources of the Philippines, their exploitation, and the market for American sawmill and woodworking machinery, are discussed in a monograph issued by the Bureau of Foreign and Domestic Commerce, "Lumbering Industry of the Philippines," Special Agents Series No. 88, copies of which may be obtained from

the Superintendent of Documents, Government Printing Office, Washington, for 5 cents.]

EXPOSITION NEWS NOTES.

Eight paintings by Frank Bragwyn arrived on the grounds of the Panama-Pacific International Exposition from England on October 15 and are pronounced by Director of Color Jules Guerin as "perfectly wonderful." The subjects of these great murals are "Fire," "Water," "Air" and "Earth" and each is treated in two paintings. Bragwyn is considered to be the greatest master of his art in modern times. His paintings and etchings hang in twenty of the large national galleries of the world.

The Concatenated Ord of Hoo Hoo broke ground for its \$50,000 building on the grounds of the Panama-Pacific International Exposition on Saturday October 17. The building will be built just south of the Palace of Horticulture and will be constructed of rough logs of every species of lumber common to the Pacific Coast. It will contain the auditorium for the accommodation of the twelve lumbermen's associations which will meet in San Francisco in 1915.

Justin F. Denechaud, executive commissioner to the Panama-Pacific International Exposition from Louisiana, arrived in San Francisco on October 20 and before returning will take part in the dedication of the Louisiana site on the exposition grounds. The Exposition directors and the Louisiana society of California will entertain the commissioner and have a big part in the dedicatory exercises.

As additional proof that the European war is having no effect on the Panama-Pacific International Exposition announcement has just been made by the director of congresses and conventions of the exposition that since the outbreak of the war all records have been broken in obtaining 1915 conventions for San Francisco. For the past 15 days there has been one big convention a day that has chosen San Francisco. The total number of national and international congresses and conventions to meet in San Francisco the coming year is more than 300.

Plans are being made for the dedication of the Tennessee site on the grounds of the Panama-Pacific International Exposition. Colonel Faxon, president of the Tennessee Exposition commission, Governor Hooper, and the architect and prominent Tennesseans are expected to arrive in San Francisco this week. The Tennessee building will be a reproduction of "The Hermitage," the old home of Andrew Jackson.

CONTRACTS AWARDED BY BOARD OF PUBLIC WORKS.

Contracts for city improvements have been awarded by the Board of Public Works as follows:

St. Mary's avenue, from Mission to College avenue, and crossing at Hill and Noe streets to Flynn & Treacy, Sweeney, between Barneveld and Foylston to S. F. Johnson; Railroad

Time Table.

Oakland, Antioch & Eastern Railway.

LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only. Carries Parlor Observation Car.
11:00A	Sacramento, Pittsburg, Bay Point
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg Bay Point
1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & Way



OAKLAND, ANTIOCH & EASTERN RAILWAY

Key Route Ferry, Phone Suter 2339.
Red Line Trans. Co., S. F. People's Express Co., Oakland.

avenue from Hudson to Innes and Keith from Evans to Galvez to The State Improvement Co; Seventeenth avenue from Rivera to Santiago to M. Slosser and Pierce street outfall sewer to Pacific Construction Company.

SIDE WALK PERMITS ISSUED.

The following sidewalk permits have been issued by the Board of Public Works during the past week:

Bothin Real Estate Company; N Lombard 156 E Broderick.
Mission Concrete & Mosaic Co.; W Third 112-N Townsend.

Mrs. Jas. Wiseman; SW Garabaldi and Union.

M. Thide; S Geary 60 E 31st Ave.
Robinson & Nugent; SW Franklin and Redwood.

Bothin Real Estate Co.; E Van Ness Ave 50 N Greenwich.

STREET PAVING PLANNED BY UNITED RAILROADS.

The United Railroads has notified the Board of Supervisors that they will pave with vitrified brick between and on the sides of its tracks on Powell street from Sutter to Bush street; on Third street with asphalt; Polk street from Market to Hayes and on Hayes street from Polk to Larkin with asphalt.

COTTON SEED INDUSTRY.

One of the most dramatic developments of a material kind in the last 25 or 30 years has been the rise of the cottonseed industry, the value of its crude product increasing since 1880 from something more than \$7,000,000 to \$150,000,000.

NEW YORK'S NEW JAIL BUILDING.

New York will have the highest jail building so far erected. It will be built in Thirteenth street near Sixth avenue. The building will be fourteen stories tall and will cost about \$450,000. It is planned chiefly for the care of women prisoners.

TESTS OF REINFORCED CONCRETE IN CHINA.

[Consul General Thomas Sammons, Shanghai.]

A technical report has been prepared by a special committee of the Engineering Society of China regarding the use of reinforced concrete. The municipal council at Shanghai permitted the use of its testing appliances in connection with the investigations made on this subject, and also contributed about \$750 toward the expenses incurred in conducting the experiments. In making this appropriation the municipal council made it a condition that copies of the reports should be sold at approximately \$5 each.

While the report is largely of a technical character and therefore not of interest to the general public, it may be said that the following gives a fairly accurate outline of the scope of the work of the committee:

In all the experiments and tests which have been carried out, the general principal has been adopted of conducting them in such a manner as might be expected to be met with under ordinary local conditions at Shanghai.

It may be argued that the experiments and tests, having been carried out under expert supervision, may be expected to give better results than could be obtained in actual practice. To this the committee can only reply that expert supervision is just as essential in actual practice as in experimental tests, and wishes to express the most emphatic opinion that no reinforced-concrete work should be undertaken unless thoroughly trustworthy supervision is provided.

No less important is it to employ only workmen who have been trained in the proper methods of fixing the reinforcement and mixing and placing of concrete. This, in turn, points to the undesirability of employing a contractor who has had no experience in reinforced-concrete construction. The committee is glad to be able to record that there are now in Shanghai a considerable number of contractors who are capable of carrying out such work, and competition between them is sufficiently keen to prevent any suggestion of monopoly being established or considered.

Three factors which have to be borne in mind are expert supervision, reliable workmen, and good materials.

Supervision and workmen have already been dealt with. There remains only the question of the materials, and on this point the committee is of opinion that in this respect Shanghai will compare favorably with any place in the world.

IMPORTANT MATTERS DISCUSSED AT THE MEETING OF THE BOARD OF WORKS.

At the regular meeting of the Board of Public Works last Monday the following important matters came up before the Board:

Granting permit to the Conservative Building & Investment Company to construct water supply main on the north side of Clement street, between 14th and 15th avenues.

Granting permit to A. A. Hicks to construct water supply main on the east line of 38th avenue between Balboa and Cabrillo.

Granting permit to Peter K. Clausen to construct water supply main on north side of Clement street between 22nd and 23rd avenues.

Granting permission to the Pacific Gas & Electric Company to install gas distribution main in Minna street, between 7th and 8th streets.

Satisfactory completions of street work on the following streets were

passed by the Board: Improvement of the crossing at 18th avenue and 11th, by the State Improvement Company; improvement of Ulloa street between 17th and 18th avenues; improvement of Ulloa street between 18th and 19th avenues.

Directing City Engineer to prepare resolutions of expediency for the improvement of 35th avenue between Cabrillo and Fulton where not already improved.

Accepting offer of the Fay Improvement Company to construct sidewalks on Beale street under the Beale street viaduct at Harrison street.

Award contract for construction of the Twin Peaks Tunnel to R. C. Storrie & Co., for \$3,372,000.

Granting permission to the San Francisco Golf and Country Club to construct a wooden bridge on the east line of Junipero Serra Blvd. at their club house driveway.

Requesting the Supervisors to appropriate \$350 extra for the enlargement of culvert for Islais Creek under Oakdale avenue.

Directing City Engineer to prepare plans and estimates of a water supply for the City of San Francisco.

Awarding Proposition No. 1 of sheet metal contract on the City Hall Building to the Paraffine Paint Co. on their bid of \$6,582.

Awarding Proposition No. 2 of the sheet metal contract on the City Hall Building to the United States Metal Products Company on their bid of \$79,900.

Rejecting all bids under Proposition No. 3 of the sheet metal work on the City Hall Building.

Awarding contract for composition plaster ornament work on the City Hall to P. E. Denivel on his bid of \$9,325.

KAURI GUM INDUSTRY IN NEW ZEALAND.

[Vice Consul General L. A. Bachelder, Auckland.]

The "Report of the Commission Appointed by the New Zealand Government to Inspect and Classify the Kauri Gum Reserves in the Auckland Land District" has just been issued. The United States is the largest consumer of New Zealand kauri gum, having taken in 1912 3,894 tons, valued at \$1,131,782, out of a total exportation of 7,908 tons, valued at \$1,952,951. Kauri gum is an important item in the manufacture of good varnishes.

The opinion of exporters of this gum is that this official report is comprehensive and valuable, but, speaking generally, the local firms which buy and grade kauri gum for export do not regard as practical the idea advanced by the commission, for the Government to undertake grading the gum, claiming that no universal standard would be as satisfactory for the varnish makers as the existing system of long standing.

It is recognized that almost every large buyer of kauri gum has his own special method of preparing the product which best suits his requirements. Exporters think that for the Government to undertake the grading would only mean added expense to the industry with no adequate result, as exporters generally would continue to rely upon their own methods of

grading, which were adopted to suit their customers.

[A copy of the Government report referred to may be consulted on application to the Bureau of Foreign and Domestic Commerce, Washington.]

MINOR JOBS ABOUT ALAMEDA CO.

811 E-11th, Okd., alterations owner, Brooklyn Masonic Hall Association, contractor, Baceus & Kennedy, cost, \$100
85 Lerida, Okd., alterations, owner, Mrs. M. A. Walling, cost, \$150.

E Oak Grove 350 N Forrest, Okd., garage, owner, H. S. Butler; cost, \$100.
220 E-14th, Okd., reshingle, owner, Mrs. Halston; contractor, J. A. Larsen; cost, \$100.

715 Grove, Okd., repairs; owner, Frank O'Neill; cost, \$100.

1016 Porter, Okd., addition; owner, E. T. Williams; cost, \$200.

1743 12th, Okd., brick foundations; owner, J. H. Hearn; contractor, Joe Brown; cost, \$100.

E-27th and Fruitvale Ave., Okd., alterations and repairs; owner, E. Lacazette; cost, \$250.

4163 Broadway, Okd.; fruit drying plant; owner, Harper & Co.; contractor, Thos. I. Casey; cost, \$125.

1119 E-17th, Okd.; alterations and shingle; owner, J. J. Wright; cost, \$250.

E Washington 200 N 5th, Okd.; tar and gravel roof; owner, Kocnig & Kroll; contractor, A. K. Goodman; cost, \$100.

2705 Hillegass, Bkly.; garage; owner, Geo. J. Jackson; cost, \$100.

S Ashby 125 E College, Bkly.; addition; owner, Mrs. Landstern; contractor, John Hill; cost, \$175.

N Virginia 400 E La Loma, Bkly.; alterations; owner, Wm. Leschinsky; cost, \$250.

E McMillan 100 N Ocean View Drive, Okd.; garage; owner, Mrs. Korts; contractor, T. D. Courtwright; cost, \$200.

N 54th 60 W Grove, Okd.; garage; owner, R. W. Webber; cost, \$125.

SW 24th and Grove, Okd.; reshingle; owner, Fred Anderdiedt; contractor, J. A. Parkinson; cost, \$115.

1323 Broadway, Okd.; alterations; owner, Bertillon; contractor, Schnebly Hostrawser & Pedgrift; cost, \$150.

W Locksley 200 N Hudson, Okd.; garage; owner, H. Eckman; contractor, J. W. Jespersen; cost, \$200.

1965 Telegraph, Okd.; alterations; owner, Dr. Lillancranz; contractor, United Home Bldrs.; cost, \$200.

N Russell 150 W Claremont Blvd., Bkly.; garage; owner, A. Mowen; contractor, Matt L. Koski; cost, \$250.

N Stannage Ave 125 N Gilman, Bkly.; addition; owner, M. H. Ingram; cost, \$200.

370 Edward or 35th, Okd.; addition; owner, Mrs. H. A. Bate; contractor, S. G. Rankin; cost, \$200.

Second and Broadway, Okd.; tar and gravel roof; owner, California Ice Co.; contractor, Paraffine Paint Co.; cost, \$130.

377 Montclair Ave., Okd.; addition; owner, Eli Scott; cost, \$200.

1144 E-12th, Okd.; alterations; owner, Mrs. J. S. Engs; contractor, C. F. Lodge; cost, \$140.

534 55th, Okd.; alterations and reshingle; owner, W. Hermann; cost, \$100.

1122 Telegraph Ave., Okd.; shed; owner, A. Drees; contractor, E. C. Niehaus; cost, \$100.

The Chronicle is highly elated in that it sees in the election returns that President Wilson and his policies were repudiated at the polls. It runs a big headline from ex-president Taft to the effect that the Progressives have been relegated to the realm of "innocuous desuetude." That enormous phrase has been resurrected from the speeches and messages of ex-president Cleveland and is now used by the reactionaries to express a situation which they themselves enjoy.

Eoris Penrose and Joe Cannon are in the public eye. They are the champions for which the Chronicle stands. And they stand for the policies that are to bring prosperity to our country and cause the sun to shine and the grass to grow.

The policies that have repudiated are no doubt the reform measures adopted and our policy towards Mexico. Certainly these things are to be repudiated by the special privilege class. The great corporations can not corrupt the half-savages in Mexico and then plunge this country into war to make good their claim. They can not force a protective tariff that diverts millions of dollars from the masses into the hands of a few Plutocrats. And they can not dump worthless securities onto paying concerns and thus bankrupt a good property and get away with the loot as was done in the case of the New Haven Railroad. And under the new currency act every man will not have to go down on his knees to the Morgans of Wall street to get enough money to float a legitimate enterprise.

All these readjustments have upset business. The war has come along and upset the income of the government. New taxes must be imposed. Conditions are hard. But most of the reforms that have been started are right and just and when conditions have adjusted themselves a much fairer basis will exist and a more permanent prosperity established.

The war has taught us many things already. That the wisdom of Washington has been followed and has left us free from entangling alliances. That as long as nations exist whose people think that the chief business of the human race is to make war, that we will have to prepare to defend ourselves at all times. This policy of building a navy and training a reserve army for national defense has not been a party issue. Ex-president Roosevelt has called attention to what he considers the necessity for such action and that is much or more the part of the Progressive party than that of the reactionaries or any other party.

COURAGE ISN'T ENOUGH.

In the battle between Toul and Verdun, where the French losses were reported to be forty thousand, the French officers, the news dispatches said, "complained of the inferior quality of the French troops"—"inferior," though with bravery attested by their death.

It is not enough in modern war that soldiers should merely know how to die. Were that all, the making of an army simply would be a matter of dressing up a mob in uniforms and putting guns in their hands. One lesson that Napoleon learned too late was that he could not replace with re-

cruits called to the army two years before their time the veterans he left on the fields of Austerlitz, of Arcola and of Wagram.

It may come as a shock, to French patriotism, as it doubtless would to the patriotism of any country, to learn that enormous sacrifice of life in battle is quite as likely to mean inefficiency in an army or its leadership as heroic fighting qualities or last ditch courage. The new military science can forgive great losses rarely—never unless they gain great ends. In military annals great retreats are classed with great victories, and the worst crime an army can commit is to die like sheep in a pen.

General McClellan counted his most brilliant feat in the Civil War the safe withdrawal of the Army of the Potomac from Harrison's Landing. The impatient North saw only another defeat and another retreat. McClellan saw the saving of his army. It has been said of McClellan, perhaps with some picturesque exaggeration, that with the exception of the Battle of Antietam, he never saw his army in action. In all its battles, once his plans were made for victory at the front, he was to be found where he deemed a careful general's place to be—in the rear making other plans to protect its base and keep its lines of retirement open. It was this sort of generalship, whatever its immediate shortcomings, that ultimately placed in Grant's hands the finest army ever marshaled in war.

The battle is over and forty thousand Frenchmen have died bravely. Yet they were "inferior troops." A hard saying, but probably true from the military viewpoint. Perhaps they showed too great courage and needlessly exposed themselves. Perhaps they pursued the enemy too far or in wrong military order. Perhaps they didn't know how to retreat. In any case, good Frenchmen, but bad soldiers.

Americans ought to learn before this war is over that something more is needed to a proper national defense than a multitude of brave young men who are willing to die for their country. It behooves both patriot and country to see to it, the one that his country does not sink a helpless victim when its hour of trial comes, and the other that he does not die a useless sacrifice, a brave American, but an "inferior" fighting man.

WARE ISLAND WILL BUILD COAL BARGES.

MARE ISLAND, Solano Co., Cal.—Twelve steel coal barges to cost \$135,432 have been ordered built at Mare Island by Secretary of the Navy Daniels. The steel lighters will have a 500-ton capacity. On completion seven of them will be sent to Pearl Harbor. The remaining five will be assigned to nearby naval stations. The hull department will place the order for material at once and the barges will be constructed in the vicinity of Drydocks 1 and 2.

WANT BIDS FOR CITY WORK.

Three Sets of Bids to be Opened by Works Board on November 11th.

Three sets of bids will be opened by the Board of Public Works at their

regular meeting next Wednesday, November 11th. Bids will be taken for furnishing and installing the necessary equipment for the Civic Center power plant, for plaster work on the Academic Building of the Polytechnic High School and for improvement of the northerly one-half of Chestnut street from Laguna to Webster by constructing granite curbs, asphalt pavement and catch basins.

UNCLE SAM'S NEW BATTLESHIPS.

The newest battleship building for the United States will be 1400 tons larger than Japan's largest 3400 tons larger than Germany's 3900 tons larger than Great Britain's and 6550 tons larger than anything France has.

EXPOSITION NOTES.

Vahan Cardashian, Imperial Ottoman Adjutant High Commissioner and Executive Director to the Panama-Pacific International Exposition, recently inspected the progress of the Ottoman pavilion at the exposition and assured the department of live stock that the Ottoman empire will be well represented in that department. Arabian horses, Angora goats and cats and sheep of several breeds will be entered for premiums.

The attendance on the grounds of the Panama-Pacific International Exposition Sunday October 11 broke all pre-exposition records. The actual count shows that more than 31,000 persons passed through the exposition womers at the pagent of the landing of Columbus. This number does not include the hundreds on the bay who took part in the celebration.

Three hundred tons of construction and decorative materials to be used on the Japanese and Philippine buildings of the Panama-Pacific International Exposition have arrived in San Francisco on the Steamship Chiyo Maru. The Philippine building is nearing completion and the Japanese pavilion was built and then "knocked down" in Japan and shipped to the exposition grounds.

RUSSIAN SERVICE, PUGET SOUND—VLADIVOSTOK.

[Commercial Agent W. R. Henderson, Seattle, Wash., Oct. 17.]

It is authoritatively announced that a Russian line of steamships has been established between Vladivostok and Seattle, despite the present state of affairs in Russia. It is the Volunteer Fleet that will open this service to the Pacific coast, and the announcement comes through Mr. N. Borozavlensky, the Imperial Russian consul, in a communication to the New Seattle Chamber of Commerce.

Balfour Guthrie & Co., who have branch offices in this city, were consulted regarding this matter and stated that the service has already been put into effect so far as Vancouver and Vladivostok are concerned, and that it is ready to come to Seattle and Tacoma as soon as the business in these cities shall justify it.

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BUILDING AND INDUSTRIAL NEWS

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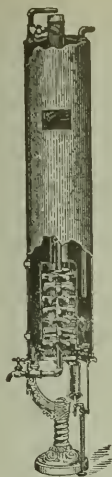
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Editorial Comment.

The various bonding propositions put up to the people at the last election seem to have all been carried. There has therefore been an indebtedness authorized of \$7,800,000 for various building propositions throughout the State. And in addition to that harbor bonds to the amount of \$10,000,000 have been authorized for the San Francisco water front to be paid for from the income from the Harbor front. So that altogether there was authorized at last Tuesday's election the sum of \$17,800,000 to be expended in improvements. Tabulated the items are as follows:

For State buildings at Sacra- mento	\$ 3,000,000
For State buildings at San Francisco	1,000,000
For State buildings at Los Angeles	1,250,000
For buildings on State Fair Grounds	750,000
For buildings at University ..	1,800,000
For Harbor improvement, San Francisco	10,000,000

Total

\$18,000,000
This indicates that so far as the State is concerned there will be considerable activity in the building line in the near future. We are now in progress of building a State Highway under an authorized issue of 18 million dollars. Coupled with the 18 million just authorized there will be expended in the State a total of 36 million for improvements and that means work and business for the building craft in its various departments.

CONSERVATIVE.

The people are conservative. They may vote for radical candidates and they will, under leadership, approve of radical measures. But on direct reference, without the support of organized government, the people vote with cautious conservatism. And they refuse to pass class legislation of any sort. Witness the overwhelming defeat of the universal eight-hour law in California and everywhere it was presented. In Oregon, of 28 propositions, only five carried. This is, to be sure, nothing against direct legislation. Most bills introduced in state legislatures, or in Congress, are defeated, too. Arizona defeated an anti-blacklist law, and a law requiring 80 per cent of mine workers to be Americans. Both were labor-class measures, defeated by the vote of all the people. This is not to say that the people may not have been mistaken, or overcautious, as to one or the other of these laws. The point is that if they made a mistake, they made it on the conservative side. The referendum is the weapon of conservatism. The initia-

tive is the appeal of radicalism, but the appeal is usually vain. And the best thing to do with a radical proposition is to give it a fair chance. It is pretty sure to be defeated, but the conservatism of the people, and that sort of a defeat leaves even the radicals satisfied. For the radicals believe in government by the people, even when it decides against them.—Fresno Republican.

William Randolph Hearst is again at the front with his editorials in capitals criticising the policy of President Wilson in regard to Mexico and generally distorting facts and figures to throw mud at the administration. Surely San Francisco is cursed with newspaper proprietors. The Chronicle is the organ of the special interests. The Call is a colorless merchant of the news. The Bulletin has gone crazy on the underworld idea and on the proposition of freeing Ruel so that there is nothing that the public can depend on in the daily papers unless he imports a newspaper from the outside world.

It is a strange situation and results from the character of the men who own the papers. Hearst employs the best talent in the country. Yet aside from the special articles and cartoons the news is not dependable and the editorials, when Hearst writes them, are an insult to the intelligence of a South African Hottentot. The Chronicle prints a lot of news, but it is usually dull and stupid and editorially is always against the people. The Call advertises that it is the one paper of character, yet character is the thing that it lacks absolutely. While the Bulletin is obsessed with the idea of liberating all the criminals in the world and it distorts facts to play to the morbid public that revels in the stories of the underworld. Some day maybe San Francisco will have a good clean daily paper after the present proprietors have passed to the great beyond.

The gift ship of the Chronicle has started for Europe. It is a good thing and well intentioned no doubt, but when children and women are crying for food it seems something like a society bazaar sending prayer books to savages to send toys to starving people. The relief ship will be sent soon, is scheduled to sail on December 1st and that is of far more importance to those of us who wish to help those who have been deprived of all they possess in the world through no fault of their own. And as time goes on this crying need will be more and more apparent. And these people will have to be fed and clothed and housed and there will be ample opportunity for all to give and help bear the burden that has been heaped upon mankind by the brutal hand of militarism.

Large Plants and Efficiency.

C. D. Gray in the Wood-Worker.

The recent failure of the house of Chadlin, which controlled a number of large department stores in leading communities, was a striking proof of the contention which has been made for a long time by some business observers that mere bigness does not necessarily make efficiency. And what is true in this respect of the mercantile world is equally true of the manufacturing business.

The large size of an institution may possibly be a handicap to it. The brains that can organize a business may not be sufficiently numerous to run it at top speed all the way. Lack of competent managers may offset the excellent ideas originated by those at the head of the business, and failure to carry out plans which have been formulated at headquarters may prevent full success from being won.

These facts are suggested, not as a criticism of the large manufacturing plant, but as encouragement to the small one. A good many wood-workers whose capital is not sufficient to enable them to establish great factories such as some of their competitors possess, are inclined to worry over this and to imagine that they are at a great disadvantage in the race for success. But the disadvantage which may result from being small may be more than made up for, if the owner of the business determines it, by the numerous economies and savings which can be made by the man who is on the job, close to the work, and looks at everything from the standpoint of the proprietor.

There are plenty of big factorles which are very poorly run. Sometimes they succeed, but just as often they fail in the long run. Occasionally their manufacturing inefficiencies are covered up by the reputation of the product, which can be sold at a high price, or by unusually complete control of the market, or something of that kind.

For example, there is a big manufacturing plant in a western city which buys probably fifty carloads of hardwood lumber a year. Nevertheless, it is not located on a railroad switch, and every foot of this material has to be brought by wagon to the factory. This immense waste has to be absorbed by the business and must show in the cost of the product. Yet this company is considered one of the successful concerns in its field and seems to be able to handle a handicap of that kind without serious difficulty.

Another big plant has a lot of obsolete wood-working machinery, which cannot possibly produce the work at the minimum cost. For example, its gluing up of narrow stock is handled on a piece of equipment that has been thrown out of the most up-to-date plants because it is not 50 per cent as efficient as the modern machines. It is still being used here, though, because it is doing good work, within its original limitations, no account apparently being taken of the increased cost.

Another plant—one of the largest of its kind in the country—is paying an excessive fire insurance rate, which could be reduced to a fraction of the present amount by the installation of automatic sprinkler equipment. The building is of good construction and well adapted to the change, but the heads of the concern seem to be satisfied with present conditions, and refuse to make the improvement.

On the other hand, there are numerous small wood-working plants which are not efficient, in spite of the opportunity which their owners have of getting close to them and making them up-to-date in every way. A chair factory in an Ohio valley city is run by two men, brothers, who are familiar with every detail of its work. The factory is one huge conglomeration of out-of-date and behind-the-times methods, from the way the lumber is handled into the factory until the time the finished product is shipped out. These men are content, apparently, to equal the record made in the past. They decline to spend money on improvements, and think that they can make up in the selling department for the weakness of the manufacturing end. Perhaps they can and do; but certainly they are not taking advantage of the opportunity to do the thing the best possible way.

A planing mill which has only a moderate capacity, and has its owner as the manager and superintendent, could be improved greatly without much expense. The building, however, is old and tumble-down, and what is really needed is a new plant. The owner hesitates to change the arrangement of his machinery, improve the drying, gluing and shipping departments, and make the other betterments that he must know are necessary, as long as he is in the old mill. Some time, after he has had a fire, he may make the changes. The only trouble is that his rate is so high that he is not very well covered by insurance, and may find himself unable to rebuild at all if a fire once puts him out of business. What he should do is to make his plant, as it is, the best possible, and then work toward the ideal he has in mind in the form of a new plant.

A small box manufacturer, to revert to the possibilities of the situation, has a plant which is about one-thirtieth the size of his largest local competitor. Yet it suffers nothing by comparison with the other. The machinery is well arranged; the work moves forward through the factory without loss of time; there is ample room and good light, the machinery is motor-driven, and the plant is kept clean and ship-shape all the time. This manufacturer is on intimate terms with all his employees, and they do things for him personally that they might not do for an impersonal corporation employer. He is putting his personality and his individuality into the work, and his production expense is probably no greater than that of the immense plant

against which he must compete. He is taking advantage of the opportunity of the small man to make improvements which are likely to escape the attention of the big fellow, who is too far away from the details of his proposition.

Another wood-working concern conducts a planing mill which is not large but is as good as the best. Here the owner is the superintendent, and knows just how his lumber is running, and just why each job pleases—or fails to please. He is nearly always selected by the architects to make up the high grade interior finish which goes into the best jobs, because they know that he can be depended upon to turn out work which will give satisfaction. That is one of the big advantages of the small manufacturer. The customer looks to him personally, for satisfaction, and he is a position to insure it, because he can supply the personal attention which is entirely lacking as far as the presence and interest of the head of the large plant are concerned. The latter necessarily must trust to subordinates; they are perhaps competent, but the customer doesn't know this. When he knows the owner himself, and knows that the latter is going to stay with his work until it is put through the entire process of manufacture, he is much more likely to be satisfied.

There is a small flooring factory in the middle west which doesn't have to play second fiddle to any plant in the country. In the difficult work of parquet and fancy flooring manufacture this concern is given first place by many experts. The owner has used to the fullest extent his opportunities to improve, and his plant shows the effects of his constant thought. He originated a conveying system for lumber that saved many dollars in handling expenses. He devised a "vulcanizing" treatment which is used in coloring the woods which are used in the fancy work. He improved the design of the typical warehouse used for storing hardwood flooring, which is an unusually difficult material to keep in perfect condition as to dryness. The result of all this is that he never has any trouble selling his stock, and his factory is always busy.

As a matter of fact, the little fellow who is always on the job, who is never content with today's achievements and is constantly planning to make tomorrow's a little better, is bound to succeed. No matter whether his competition comes from concerns which are bigger or smaller than his is, he is able to meet that competition, because his painstaking efforts are certain to insure satisfaction to the customer. And that, after all, is the best guarantee of success. If the people for whom the work is being done believe that it could not have been done better, and are thoroughly satisfied, mere price competition will not be of much importance. And, as has been suggested, the small wood worker who takes advantage of his opportunities

need not imagine that he is bound to have a higher factory cost than the big house. It may work out just the other way.

THE PROGRESS OF MUNICIPAL OWNERSHIP.

Municipal ownership is marching on. Despite numerous attempts to stop it the principle of a community controlling its own utilities is rapidly being recognized by the progressive towns and villages throughout the United States. A summary of recent developments in the field of municipal ownership is interesting.

Southern States.

Melbourne, Florida.—A contract for a municipal electric light plant has been given to the J. B. McCrary Co. of Atlanta, Ga.

Pablo Beach, Florida, will undoubtedly have a municipal electric light plant. The city council propose to have the voters decide on a \$10,000 bond issue.

Punta Gorda, Florida, will have a municipal plant. A 50 H. P. Drexel engine will furnish current for 1,500 lamps.

Newport, Tenn., will issue \$5,000 in bonds for the establishment of a municipal plant.

MacClenny, Florida, has plans completed for a municipal plant.

Melville, La., plans for a municipal plant are complete and work is now commenced.

Estill, S. C., has issued bonds to build and control all public utilities in that city.

Mount Vernon, Ga., decides November 3 whether to issue \$50,000 bonds for the erection of a municipal plant.

Gadsden, Ala., will shortly put out bonds to take care of a new municipal lighting plant.

Rivera, Tex., will have the new municipal plant in operation within five months.

Middle Atlantic States.

Perth Amboy, N. J., will decide on November 3 in the matter of issuing \$120,000 in bonds for a municipal plant. Local sentiment favors the establishment of such a plant.

Kittaning, Pa., construction work for a municipal plant is actively going on. The town had no difficulty in selling \$112,000 in bonds.

Butler, N. J., is to have a producer-gas municipal lighting plant.

Mont Alto, Pa., will install a municipal plant when funds are assured.

Lynchburg, Va., will install a municipal plant to cost \$150,000.

New England States.

Lyndonville, Vt., will rebuild the municipal light plant at a cost of \$25,000.

East Norwalk, Conn., is putting up a new producer gas power plant.

Boston, Mass., will put in a municipally owned central power plant on Deer Island.

Central States.

Dayton, Ohio, voters will soon have opportunity to decide whether bonds will be issued for \$500,000 for the erection of a municipal plant.

Princeton, Ky., will decide November 3 by vote on the issuance of bonds for a municipal plant.

Atwood, Ill., is to have a small municipal plant costing not over \$7,000.

Portage, Wis., has contracted for a municipal plant to cost \$60,000.

Lincoln, Neb., extensive additions

and alterations are being made to the city's municipal plant.

Queensburg, Kans., is another city where additions are being made to take care of increased business of the municipal light plant.

Saginaw, Mich., will shortly decide on the issuance of bonds for a municipal plant.

Norwood, Ohio, has purchased machinery for the new municipal plant. Harrisburg engines were chosen.

Sandusky, Ohio, will issue \$200,000 in bonds for the erection of a municipal plant.

Shawnee, Wis., will have a water power municipal plant.

Huntington, Ind., work on the new \$50,000 municipal plant has started.

Fairhamville, Iowa, has a municipal plant placed in operation this September.

Parker, S. D., has awarded the contract for a municipal plant to cost approximately \$20,000.

Kalamazoo's, Mich., municipal plant will enter the commercial field this month.

Mount Vernon, Ohio, if the voters approve, will shortly have a municipal plant.

Aurelia, Iowa, has approved of the plan to erect a municipal plant of \$7,000.

Renwick, Iowa, will have a municipal plant. Bonds have been voted.

Ridgeway, Iowa, also voted bonds for a municipal plant.

Shenandoah, Iowa, will submit the question of a \$40,000 municipal plant to the voters.

Sioux City, Iowa, will have a municipal plant to cost \$10,000.

Bucklin, Kans., has taken over the local central station which it will operate as a municipal plant.

Westington Springs, S. D., will have a municipal plant to cost \$20,000.

De Witt, Neb., is planning to install a \$15,000 municipal plant.

Ewing, Neb., voters will decide on the question of municipal ownership for the electric light plant.

Uepling, Neb., will put up a municipal plant.

Blanchester, Ohio, has issued \$5,000 in bonds for the erection of a municipal light plant.

De Graf, Ohio, after losing the municipal light plant by fire has undertaken construction of another plant.

Ottoville, Ohio, will have a small municipal plant.

North Mankato, Minn., will install a small municipal plant.

Akron, Iowa, expects to join the ranks of municipal ownership shortly when a lighting plant will be erected.

Charter Oak, Iowa, will have a new municipal plant to cost \$10,000.

Sergeant Bluff, Iowa, will have a municipal plant to cost \$10,000.

Spencerville, Ohio, will shortly award contracts for the construction of a municipal plant.

Duluth, Minn., has already secured \$85,000 of the money necessary for the erection of that city's municipal plant.

Larchwood, Iowa, will have a municipal plant to cost in the neighborhood of \$10,000.

Smithville, Mo., will have a municipal plant.

Hecla, S. D., has chosen Murray Iron Works apparatus for the new municipal plant.

Pacific States.

Loveland, Colo., has voted \$12,000

for the erection of a municipal hydro-electric plant.

Cathlamet, Wash., will have a municipal plant.

Pleasant Grove, Utah, will follow the example of other Utah cities and install a municipal plant.

Grand Junction, Colo., has big proposals in hand for the erection of a municipal hydro-electric plant.

Yoncalla, Ore., will decide in December on the erection of a municipal lighting plant.

WAR SHOULD RESULT IN INCREASED AMERICAN POTTERY EXPORTS.

The American demand for several minor mineral products will be stimulated by the changes in trade with Europe, with the result of increasing materially the production for 1914 and following years. In the case of pottery this movement toward a stronger hold of the domestic market is already under way. The production in 1913 was the largest in the history of the industry. The underlying cause of this prosperity is no doubt the improvement in the character of the American product in texture, finish, color, decoration, and the prevention of crazing, the higher grades of American pottery equaling if not surpassing some of the best imported ware. For many years the value of the imported pottery exceeded the value of that made at home, but about the close of the nineteenth century domestic production caught up with imports, and since that time it has greatly exceeded them, the production in 1913 being nearly four times as great in value as the imports. There was, however, last year a considerable decrease in exports of pottery, a record which should now be reserved by reason of the changes in the world's commerce that have become inevitable. (Bulletin 599, U. S. Geological Survey.)

Whales are gradually being wiped out. Only 137 were captured in Scottish waters last year, the average catch per steamer falling from 40 to 33.

Starting at the top leaves you no

One hundred and forty million gallons of oil are extracted yearly from plants. Solza, olives, linseed, palm and castor beans yield 120,000,000 of this quantity.

Broken rails have been responsible for the deaths of 175 persons, injuring 6,001 and \$3,237,793 damage in the last ten years.

Persia will supply the oil fuel for the British navy in the future. The present output of the fields in which the admiralty has acquired right amounts to 240,000 tons a year.

The first section of the Trans-Sahara railway, a narrow gauge line of 135 miles from Biskra to Tugurt, is now open for traffic. It is to be continued to Wargla, 100 miles farther into the desert.

By connecting a hinged step with the air brake system an Englishman has invented a device to prevent a train starting while its passengers are alighting from or boarding it.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, Mensor Bros. The building will be erected at the southwest corner of Laguna and California streets, and has been designed to contain six apartments of five rooms each. Interiors will be handsomely finished in pine and hardwoods. Each apartment will have two baths, two toilets and wall beds. Hardwood floors will be used in the principal rooms. There will be steam heat, a hot water supply, elevator service and a vacuum cleaning system. Bath rooms will be finished in tile. Entrance will have tile wainscot and marble steps. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and segregated figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, C. A. Honaas. The building will be erected on the east side of Gough street south of Green and has been designed to contain six apartments of three and four rooms. Interiors will be finished in pine throughout. There will be wall beds and private baths. Some hardwood floors will be used. Bath rooms will have tile wainscot and composition floors. Steam heat, with an automatic electric control will be installed. Tile and marble will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures will be called for at once.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$25,000. Architect, P. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected at the corner of 41st and Montgomery streets and will cover a large ground area. Plans provide for a total of sixteen suites arranged in two and three room apartments. Interior finish will be largely of pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat and a hot water supply. All apartments will have wall beds and private bath rooms. Entrance will be finished in tile and marble. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owner's name withheld. The building will be erected at the corner of Jefferson and Vermont streets, covering an area of 50 by 85 feet. There will be two stores on the ground floor. Upper floor will be ar-

ranged for six suites of two, three and four rooms. Interior will be finished in pine and elm panels. Plans provide for a hot water system, wall beds and private baths. There will be painted store fronts. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Miss Dolores Loaiza. Contractor, James Hjul, Mills Bldg., S. F. Contract price, \$30,000. Note: The contractor is now taking subfigures on this work.

BANKS

BERKELEY, ALAMEDA CO., CAL.—Bank alteration, 1 story and base. Class C, \$10,000. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Homestead Savings Bank of Berkeley. This work will consist of the installation of two new bank vaults, new interior finish, plastering, marble work, electric wiring, plumbing and lighting fixtures. Complete new bank fixtures will also be installed. Little or no exterior work is required. Plans are complete and figures are now being taken.

BONDS.

PUEBLO UNION HIGH SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election will be held in the Pueblo Union High School District of Los Angeles County on December 1st to vote bonds in the sum of \$65,000. The proceeds of the election will be used in the construction of new buildings and additions.

A. G. Clabaugh, Solomon Geer, E. W. Lawrence, P. C. Macey and R. P. Paden are members of the School Board.

HOLTVILLE, IMPERIAL CO., CAL.—The Holtville School Trustees have awarded the \$43,000 bond issue to Wilson, Cramer & Co., brokers, of Denver.

The School Board has ordered bids called for the construction of the school building. The plans were prepared by Allison & Allison, Hibernia Bldg., Los Angeles.

HAWTHORNE SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Bonds of \$10,000 have been voted here for the construction of a new school building. The plans for the building are now being prepared by Architect W. C. Pennell, Baker-Detwiler Bldg., Los Angeles.

CIENEGA SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Bonds of \$35,000 have been voted here for the erection of a new school building.

The building, according to word received, will be of brick and concrete

construction, containing eight class rooms and a large auditorium. Mrs. Blanche Metty is chairman of the Board of School Trustees of the district.

OWENSMOUTH UNION HIGH SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election will be held in the Owensmouth Union High School District of Los Angeles County on December 1st for the purpose of voting bonds of \$100,000 for the purpose of raising money to build one or more high school buildings, furnishing, equipping, insuring, etc. Bonds will be in denomination of \$1,000 each, bearing 6 per cent interest per annum.

N. A. Gray, Mrs. J. Tweedy, John Haas, B. F. Failer and Frank Goodall are members of the High School Board of the Owensmouth District.

SEATTLE, WASH.—At a meeting of the School Board, the recommendation of Superintendent Cooper of the Board for the expenditure of \$500,000 in the construction of new school buildings and additions was considered at some length, and the matter was deferred for further consideration at the next meeting.

SANTA ROSA, SONOMA CO., CAL.—The bond issue held here for \$1,000,000 was defeated by a large majority. The proceeds were to be used in the construction of good roads through Sonoma County.

RED BLUFF, TEHAMA CO., CAL.—The City Trustees have ordered an election in the matter of bonding the city of Red Bluff in the sum of \$85,000 for the establishment of a municipal water system. The date for the election has been set for December 10th.

SUISUN, SOLANO CO., CAL.—The Board of Supervisors has directed the County Treasurer to purchase additional State Highway bonds to the amount of \$100,000. The money will be spent in rebuilding a stretch of road between Fairfield and Cordelia, and another stretch between Vacaville and Batavia.

SACRAMENTO, CAL.—The Sacramento County Good Roads Association will call a meeting in the near future for the purpose of reorganizing the body. It is planned to conduct another campaign for a bond issue for good roads. The session today will probably be confined exclusively to reorganization. The association advocated a bond issue recently of \$2,425,000 for good roads for Sacramento.

WARRENTON, ORE.—At a special election held here bonds in the sum of \$150,000 were voted for the purpose of constructing a water system. The pipe line will extend from the Lewis and Clark River a distance of 16 miles.

CORNING, TEHAMA CO., CAL.—At a special meeting of the Corning Trustees a resolution was passed declaring their intention of adopting an ordinance calling for an election on the proposal to issue \$30,000 worth of bonds for the purpose of extending the water and sewer mains of the city.

Should the election be called and carry there will be nine miles of extensions.

BRIDGES AND DAMS.

OAKLAND, CAL. — Wharf repairs. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Plans are complete for repairs to the deck of the Franklin street wharf and figures are now being taken. Bids will be opened by the City Council on November 19th. Plans and specifications can be secured from the office of the City Clerk, Frank M. Smith.

FRESNO, FRESNO CO., CAL. — Bridge, reinforced concrete, \$5,000. Engineer, City Engineer Bert Cronkhite, Fresno. Owners, City of Fresno. Plans are complete for a new bridge to be erected over Dry Creek at Van Ness avenue. Bids will be called for on approval of the plans and specifications by the City Council. At the next meeting of the Council the City Engineer will recommend that a similar bridge be constructed over Dry Creek at Coast avenue.

MODESTO, STANISLAUS CO., CAL. — Bridge, reinforced concrete. Cost not stated. Engineer, City Engineer, Modesto. Owners, City of Modesto. A suggestion has been made that a new bridge be constructed over Lateral No. 4 at the intersection of Laurel and Washington streets. The matter will be considered at the next meeting of the City Council. If a favorable decision is reached the City Engineer will at once prepare plans for this work.

COLUSA, COLUSA CO., CAL. — Bridge, trestle construction. Cost not stated. Engineer, County Surveyor, Colusa. Owners, Colusa County. Bids opened by the Supervisors for the construction of a trestle bridge over the Moulton break show the following bidders and their bids:

Albert O. Dokken	\$3,610.50
J. R. Scheimer	4,198.00
E. J. Sparling	5,342.00
Edward Tolson	3,680.00
J. M. Peart	3,685.00

The letting of the contract will be considered at the next meeting of the Board.

SAN JOSE, SANTA CLARA CO., CAL. — Bulkhead, reinforced concrete and earth. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. For the second time no bid was offered for constructing the earth and concrete bulkhead along Coyote Creek at 17th street. What action will be taken by the Board of Supervisors has not been decided. Probably the work will be carried out by Day Labor.

SEATTLE, WASH. — Draw bridge, timber construction, \$40,000. Engineer, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. Preliminary plans have been completed by City Engineer A. H. Dimock for the construction of a timber drawbridge over the Duwamish River at 8th avenue S. O., which will cost about \$20,000. The bridge will be 30 feet wide and about 200 feet long. Permission has been asked from the U. S. Government for the construction of this bridge and for the approval of the location.

RED BLUFF, TEHAMA CO., CAL. — Bridges, 3 reinforced concrete, \$24,723. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractor, C. E.

Cotton, S. F. Contract price, \$24,723. Other bidders were: Wm. Stephens, \$28,350; Chico Construction Co., \$25,985; Walcott & Brunk, \$27,984; and R. W. Moller, \$25,500. McCartney & Haskell were given the contract for the construction of the Salt Creek bridge, east of Red Bluff. Their bid was \$2,674.

RICHMOND, CONTRA COSTA CO., CAL. — Bulkhead wharf, timber construction, \$60,000. Engineers, Hayland & Tibbets, Alaska Commercial Bldg., S. F. Owners, Ellis Landing Co. Contractors, Pacific Construction Co., 16 California street, S. F. Contract price, \$60,000.

HANFORD, KINGS CO., CAL. — Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Hanford. Owners, Kings County. The Board of Supervisors of Kings County is advertising for bids for the construction of a bridge across Cross Creek in accordance with plans and specifications which may be obtained from the County Surveyor.

SAN FRANCISCO — Dry dock construction, \$1,500,000. Engineers, Union Iron Works, S. F. Owners, Union Iron Works. San Francisco is now assured of the construction of the big dry dock by the signing of a contract between the Union Iron Works and the Navy Department. The Navy Department agrees to pay the Union Iron Works \$50,000 per year for six years. The dock will be the largest on the Pacific Coast, being 1090 feet long, 110 feet wide and 40 feet over the sills. Construction will be started at once and the dock completed within eighteen months or two years. The cost is estimated at \$1,500,000.

SALINAS, MONTEREY CO., CAL. — Jetty work, rock and concrete. Cost not stated. Engineer, County Surveyor Hare, Salinas. Owners, Monterey County. County Surveyor Hare's plans for jetty protection work at King City bridge have been adopted by the Supervisors. Bids on the work will soon be called for.

SEATTLE, WASH. — Dock, 2 story, frame and corrugated iron, \$75,000. Engineers, Webster & Ford, Lyon Bldg., Seattle. Owners, Grand Trunk Pacific Railroad Co. Plans and specifications will be complete and ready for figures in about six weeks for the construction of a two-story frame dock for the Grand Trunk Railway Company at the foot of Marion street. Construction throughout will be of corrugated metal and heavy timbers.

Contracts Awarded.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL. — Bridge, reinforced concrete, \$7,900. Engineer, County Surveyor, San Luis Obispo. Owners, San Luis Obispo County. Contractor, Paul H. Ehlers, 5618 Harold avenue, L. A. Contract price, \$7,900. Other bids received for this work were as follows: Mercereau Bridge and Construction Co., \$10,085 and \$9,785; Gutleben Bros., \$10,465 and \$9,927; Boardman Construction Co., \$11,448 and \$11,228; S. M. Kerns, \$11,887.75 and \$11,323.75; Mesmer & Rice, \$13,742 and \$12,442.

MERCED, MERCED CO., CAL. — Bridges, 3, reinforced concrete, \$4,453.67. Engineer, County Surveyor, Merced. Owners, Merced County. Contractors, Thompson Bros., Fresno. Contract price, \$4,453.67.

MODESTO, STANISLAUS CO., CAL. — Bridges and syphon, reinforced concrete, \$4,933.34. Engineer, County Sur-

vivor, Modesto. Owners, Stanislaus County. Contractor, R. M. Simpson, Modesto. Contract price, \$4,933.34.

CHURCHES.

PINOLE, CONTRA COSTA CO., CAL. — Church alteration, frame. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Rt. Joseph's Church of Pinole. This work will consist of the addition of a new tower of galvanized iron and frame, some new interior finish and ornamental plaster. Bids will be called for as soon as working drawings can be completed.

HOLY CROSS CEMETERY, SAN MATEO CO., CAL. — Mausoleum, 1 story, reinforced concrete and granite, \$5,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be designed in the classic style and will contain six receptacles. Interior will be finished in marble and tile. Ornamental bronze and iron will be used. Art glass windows are also to be specified. Exterior of the building will be faced with granite. Plans are nearly complete and figures will be called for shortly.

PORTLAND, ORE. — Church, 2 story and base. Class A construction. Cost not stated. Architect not selected. Owner, Archbishop Christie, Portland. Archbishop Christie, acting for the Roman Catholic Church, has purchased a lot 260 feet on Laddington street and 249 on 49th street, in the Laurelhurst District of Portland. A new building will be erected on the site shortly. Further mention will be made of the work when an architect is selected.

FACTORIES AND WAREHOUSES.

WHITTIER, LOS ANGELES CO., CAL. — Dairy buildings, 5, 1 story, reinforced concrete. Cost not stated. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, A. V. Hardorf, Glendale. Contractor, Frank L. Spaulding, 1460 Dana street, L. A. Contract has been taken on a percentage basis and no amount is given.

SAN FRANCISCO — Shop building, 2 story and base, brick, \$14,250. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Contractors, T. E. Davis & Son. Contract price, \$14,250.

FIRE HOUSES AND JAILS.

RICHMOND, CONTRA COSTA CO., CAL. — Fire house, 1 story, brick, \$2,500. Architect, James T. Narbett, Richmond. Owners, City of Richmond. Plans have been completed for the new fire station to be erected at the corner of Barrett and 19th streets. Bids will be called for on approval of the plans and specifications. The building will contain quarters for one engine company. Interior will be finished in pine throughout. There will be a hot water system and modern plumbing. Exterior will be faced with pressed brick. Plans are complete.

FLATS.

SAN FRANCISCO — Flats, 2 story and base, frame, \$7,500. Architects, Falch Knoll, Hearst Bldg., S. F. Owners,

El Manuel Evangelical Association. The building will be erected on 19th street near Capp on property adjoining the new church building, and will be used as a parish house. Each flat will contain seven rooms and bath. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Joseph M. Geary, 2581 Post street, S. F. Owner, Miss Delia K. Farrell. The building will be erected on the east side of Sanchez street north of 25th, having a frontage of 25 feet and a depth of 57 feet. There will be two modern flats of six and seven rooms. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms and in the reception halls. Bath rooms will have tile wainscot and composition floors. There will be open fire places and tile mantels. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, A. V. Anderson, 1605 10th avenue, S. F. The building has been designed to contain two flats of six rooms each and will be erected at the southeast corner of Lawton and 10th avenues, covering a ground area of 25 by 42 feet. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, G. Lindner, 1029 26th street, S. F. The building will be erected on the south side of 26th street west of Sanchez, having a frontage of 25 feet and a depth of 55 feet. There will be four small apartments of four rooms each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. Wall heds will be used. There will be open fire places and tile mantels. Bath rooms will be finished in tile and will have composition floors. Entrance will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$7,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. The building will be erected at the corner

of 41st and Montgomery streets and has been designed to contain four modern flats of four rooms and bath each. Interiors will be handsomely finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will be finished in tile with composition floors. Wall beds will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans also provide for steam heat with an oil burning furnace. Plans are complete and figures are being taken.

GOVERNMENT WORK & SUPPLIES.

Mare Island, Cal., Ward Pavilions.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing five temporary one-story ward pavilions at the naval hospital reservation, Mare Island, Cal.:

Item 1, work, complete; 2, add to item 1 if all ceilings be treated the same as specified for the walls; 3, add to item 1 if fences be installed; 4, deduct from item 1 if the south pavilion west of the walk be omitted; 5, deduct from item 1 for omitting all heating, electric, and plumbing work.

R. S. K. MacMillen, San Francisco, Cal., item 1, \$24,615; 2, \$625; 3, \$600; 4, \$4,430; 5, \$250.

Gutleben Bros., San Francisco, Cal., item 1, \$23,330; 2, \$250; 3, \$300; 4, \$4,660; 5, \$530.

Hansborough-Johnson Co., San Francisco, Cal., item 1, \$28,253; 2, \$225; 3, \$390; 4, \$5,317; 5, \$950.

Thompson & Walker, San Francisco, Cal., item 1, \$24,594; 2, \$1,500; 3, \$525; 4, \$3,850; 5, \$500.

W. N. Concannon Co., San Francisco, Cal., item 1, using Johns-Manville board, \$25,619; using Compo board, \$26,240; 2, \$575 and \$1,140; 3, \$570; 4, \$4,500; 5, \$700.

Burnham Plumbing Co., San Francisco, Cal., item 1, \$25,797; 2, \$125; 3, \$534; 4, \$4,991; 5, \$1,220.

Harry C. Warwick, San Francisco, Cal., item 1, \$23,405; 2, \$200; 3, \$450; 4, \$4,751; 5, \$60.

D. L. Bruce, San Francisco, Cal., item 1, \$25,495; 2, \$40 and \$135; 3, \$445; 4, \$4,700; 5, \$1,250.

McSheehy & Bros., San Francisco, Cal., item 1, \$25,232; 2, \$500; 3, \$675; 4, deduct \$400; 5, \$820.

Pishkun Reservoir Supply Canal.

The Reclamation Service is asking for proposals for the construction of a portion of the Pishkun Reservoir Supply Canal in connection with the Sun River irrigation project, Mont. The work involves the excavation of about 68,000 cubic yards of material, 1,600 cubic yards of concrete, the placing of about 245,000 pounds of reinforcing steel, and the placing in wooden structures of about 28,000 feet B. M., of lumber. The work is situated about 20 miles northwest of Gilman, the terminus of the Sun River branch of the Great Northern Railway. The bids will be opened on December 8, 1914, at the office of the U. S. Reclamation Service, Great Falls, Mont.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy De-

partment, have been furnished to the following firms in addition to those previously mentioned in these columns for a refrigerating plant at Mare Island, Cal. Bids to be opened on November 21st:

United Iron Works Co., Springfield, Mo.

Vilter Manufacturing Co., Milwaukee, Wis.

Diehl Manufacturing Co., Washington, D. C.

Mechanical Refrigerating Co., Philadelphia, Pa.

Brecht Co., St. Louis, Mo.

Kroeschell Bros. Ice Machine Co., 30 Church street, New York City.

Van Camp Packing Co., Indianapolis, Ind.

Cyclops Iron Works, San Francisco, Cal.

Peerless Ice Machine Co., 72 West Adams street, Chicago, Ill.

York Manufacturing Co., York, Pa.

Central Construction and Supply Co., 2222 Arch street, Philadelphia, Pa.

Frick Co., Baltimore American Building, Baltimore, Md.

Creamery Package Manufacturing Co., Chicago, Ill.

The York-California Construction Co., San Francisco, Cal.

Clothel Co., Nassau and Pine streets, New York City.

Robinson Station, Wash., Lantern.

The following bids were received by the light-house inspector, 17th district, Portland, Ore., for furnishing 1 fourth-order lantern for Robinson Point Light-station, Wash.:

Elliott Machine Corporation, Baltimore, Md., \$2,224.36.

Champion Iron Works, Kenton, Ohio, \$2,000.

Richard Manufacturing Co., Bloomington, Pa., \$1,750.

West Side Pattern Works, Portland, Ore., \$1,760; accepted.

Los Angeles, Cal., Painting.

The following bids were received by the custodian, U. S. post office, etc., Los Angeles, Cal., for painting, plastering in the U. S. post office at Los Angeles, Cal.:

Fairfax Bros., 423 Main street, Geneva, N. Y., \$3,897.

Joe Goetz, Los Angeles, Cal., \$4,995.

Grohne Contracting Co., Joliet, Ill., \$6,979.

Herbert F. Felnisky, Los Angeles, Cal., \$8,860.

Arenz-Warren Co., Los Angeles, Cal., \$9,579.

Leon Mazy, 947 Lucille avenue, Los Angeles, Cal., \$9,610.

Amess & Berg, 2723 W. 5th street, Los Angeles, Cal., \$12,000.

G. C. Hewitt, Los Angeles, Cal., \$13,324.

J. A. Phillips, Los Angeles, Cal., \$13,194.

Unsigned bid, \$13,051.

Pumping Units, Sunnyside Unit.

The Secretary of the Interior has authorized the reclamation service to execute contract with the Pelton Water Wheel Co., of San Francisco, Cal., for furnishing direct pumping units for the Sunnyside unit of the Yakima Irrigation project, Washington. The contract price, including freight, is \$71,951.10.

Flathead Irrigation Project.

The Reclamation Service is asking for proposals for the construction of

38 miles of canals and lateral in-
tion with the Flathead Irriga-
project, Mont. The work is 1-
about 18 miles southwest of Pol-
and involves the excavation of
00 cubic yards of material. The
will be opened at the office of the
Reclamation Service, St. Ignatius,
on December 15.

Army Work Authorized.
The quartermaster general of the
has directed that bids be secured
the following work:
The quartermaster at Fort Mason,
for the construction of a rostrum
the cemetery, Presidio, San Fran-

and Valley, Irrigation Project.
The Secretary of the Interior has nu-
the reclamation service to ex-
contract with the Hess Plume
of Denver, Colo., for furnishing
circular metal flumes for the
d Valley Irrigation project, Colo-
The contract price is \$10,382.09.

Indian Service, Frame Hospitals.
The following bids were received by
commissioner of Indian Affairs, In-
ter Department, Washington, D. C.,
constructing frame hospitals at the
in agencies at Pima and San
er, Ariz.; Carson, Nev.; Mesacalero,
ex.; Turtle Mountain, N. D., and
kfeet, Mont.:
S. Berger, St. Paul, Minn., \$17-
Turtle Mountain, N. D.
eck, Shea & Gernoski, Reno, Nev.,
00; Carson, Nev.
ulder & Harnish, Los Angeles,
\$19,000; San Xavier, Ariz.
nton Campbell, Phoenix, Ariz.,
\$5,69; Pima, Ariz.
Charles H. Odum, Phoenix, Ariz.,
00; Pima, Ariz.
G. Sellman Construction Co., Car-
Nev., \$13,400; Carson, Nev.
D. Lovell, Minneapolis, Miss.,
00; for all six buildings.
N. Bruce, San Francisco, Cal., \$18-
Carson, Nev.
nyfield & Shaw, El Paso, Tex., \$20-
2, Pima; \$21,182.02, San Xavier;
67.39, Mesacalero, N. Mex.
O. Shulind, Alexander, Minn., \$14-
Turtle Mountain, N. D.; \$14,249,
kfeet, Mont.

SAN FRANCISCO—Wharf repairs
exhibit pavilion. Cost not stated.
itect, Constructing Quartermas-
er, Fort Mason. Owners, United
es Government. Bids are now be-
taken for repairs to the Fort Ma-
wharf, consisting of fender piles
chafing strips. Plans at the of-
of the Constructing Quartermas-
office, Fort Mason. Owners, United
ete and figures will be called for
ly for constructing a pavilion for
United States Military Academy to
rected in the Liberal Arts Building
the Panama-Pacific Exposition.
k will be figured from the office
he Constructing Quartermaster at
Mason.

LS AND SKY BUILDINGS.

AKLAND, CAL.—City Hall lighting
res, \$24,700. Architects, Palmer &
nabstet, New York. J. J. Donovan
rvising Architect, Oakland. Own-
City of Oakland. Bids for the
ial lighting fixtures for the City
Rotunda, Council Chambers and
or's Chambers were received by

the City Council. The lowest bid was
that tendered by H. S. Little, a San
Francisco firm, the offer being \$4,
700. There were four other bidders,
as follows: Thomas Day Co., \$4,750;
Tiffany Studio, \$41,700; Maxwell Hard-
ware Co., \$25,000, and the English Co.,
\$39,262. The bids were referred to the
legal department of public works.

FRESNO, FRESNO CO., CAL.—Lodge-
hall and stores, 2 story and base. Class
C construction, \$70,000. Architects,
Swartz, Hotchkiss & Swartz, Howell
Bldg., Fresno. Owner, F. M. Roessler.
The building will be erected at the
corner of L and Tulare streets, cover-
ing an area of 75 by 175 feet. There
will be several stores on the first
floor while the entire second floor will
be leased to the Fresno Lodge of Elks
and will be fitted up for handsomely
lodge rooms, living apartments, social
rooms and billiard hall. Interior finish
will be of pine and hardwoods. Hard-
wood floors will be used. There will
be steam heat and a hot water sys-
tem. Patent store fronts are specified.
Exterior of the building will be faced
with pressed brick. Plans are being
completed and figures will be called
for shortly. A contract for the ex-
cavating has already been let.

HOSPITALS.

MARE ISLAND, CAL.—Hospital pavilions, frame construction. Cost not
stated. Architect, Bureau of Yards
and Docks, Washington, D. C. Owners,
United States Government. A com-
plete list of the general figures and all
alternate propositions for these build-
ings will be found under the heading
of San Francisco in this issue.

SPOKANE, WASH.—Hospital, 1 and
2 story and base. Class A construction.
Cost not stated. Architect,
Archibald Riggs, Spokane. Owners,
Spokane County. Plans for this build-
ing, which has been mentioned here
before, have received the approval of
the County Supervisors and the State
Department of Public Health. The
buildings have been designed for a
Tuberculosis Hospital and will be lo-
cated in the Spokane Valley. Bids will
be called for shortly.

HOTELS.

SAN FRANCISCO—Hotel, 6 story
and base. Class C construction, \$65-
000. Architect, A. A. Cantlin, Fox-
croft Bldg., S. F. Owner, A. W. Maltby.
The building will be erected on the
south side of Ellis street east of Ma-
son, and has been designed to con-
tain in the neighborhood of 110 rooms,
nearly all of which will have private
baths. A large lobby and parlors will
be a feature of the hotel. Plans pro-
vide for steam heat, elevator service,
a vacuum cleaning system and hot
water supply. All bath rooms will
have tile floors and wainscot. Interior
finish will be of pine, redwood
and hardwood veneer. Marble, tile
and ornamental plaster will be used
in the lobby. Exterior of the building
will be faced with pressed brick and
terra cotta. Plans are nearly com-
plete and figures will be called for at
once.

BANNING, RIVERSIDE CO., CAL.—
Hotel and stores, 2 story and base,
brick, \$25,000. Architect, C. H. Rus-
sell, Store Bldg., L. A. Owner, Charles
Dreyer. The building will be erected

on the Bargonio avenue at the corner
of Kansas. The building will cover
a lot and area of 30 by 100 feet. There
will be two stories besides the hotel
office and dining room on the first
floor. Upper floor will be divided into
twenty guest rooms and a number of
public and private baths. A one story
open air addition containing sleeping
rooms will also be constructed. Inter-
ior finish will be of pine throughout.
Bath rooms will be finished in tile.
Plans provide for steam heat and a
hot water system. Patent store fronts
will be used. Exterior of the building
will be faced with pressed brick.
Plans are now being prepared.

LOS ANGELES, CAL.—Hotel and
stores, 11 story and base. Class A con-
struction. Cost not stated. Architect,
John J. Franzenfelder, Store Bldg., L.
A. Owner, H. O. Thompson. The
building will be erected on the east
side of 5th street near Los Angeles,
and will have a frontage of 50 feet
and a depth of 150 feet. There will
be a complete steel frame, brick ex-
terior walls, concrete floors and hol-
low tile interior partitions. There will
be several stores on the ground floor
besides the hotel lobby and office.
Upper floors will contain a total of
212 rooms, a large percentage of which
will have private baths. Interior trim
will be of hardwood. Bath rooms
will be finished in tile. Ornamental
plaster, marble and tile will be used
in the lobby. Plans provide for two
passenger elevators one freight ele-
vator, steam heat, vacuum cleaning
and a hot water supply. Exterior of
the building will be faced with enameled
brick. Plans will be complete and
figures called for about December 1st.

LIBRARIES.

VACAVILLE, SOLANO CO., CAL.—
Library, 1 story and base, reinforced
concrete, \$10,000. Architect, L. M.
Turton, Napa. Owners, Town of Vac-
aville. The building has been designed
in the classic style and will contain
one large reading room, stack room
and office of the librarian. Interior
will be finished in pine with maple
floor in the reading room. A warm air
system of heating will be installed.
Metal book stacks are specified. Ex-
terior of the building will be faced
with cement plaster. Plans are com-
plete and in the hands of the Library
Trustees who are now taking figures.
Bids will be opened on December 1st.
Plans and complete information can be
secured from George H. Sharpe, Sec-
retary, at Vacaville.

Contracts Awarded.

**SOUTH SAN FRANCISCO, SAN MA-
TEO CO., CAL.**—Library, 1 story and
base, brick, \$12,000. Architect, W. H.
Weeks, 75 Post street, S. F. Owners,
Town of South San Francisco. Con-
tractors, O'Rourke & Brady, S. F. Con-
tract price, \$9,914. A complete list of
these figures will be found under the
heading of San Jose and the Santa
Clara Valley in this issue.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exposition bound-
ary fence. Cost not stated. Engineer,
Director of Works, Service Bldg., S. E.
Owners, Panama-Pacific International
Exposition. Plans are complete and
figures will be opened on November

17th for constructing additional boundary fence at the Exposition Grounds. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Water front entrance. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being taken for construction of the Water Front Entrance to the Exposition grounds. Bids will be opened by the Buildings and Grounds Committee on November 17th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Temporary boiler plant. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications are complete and figures are now being taken for furnishing and installing a temporary boiler plant at the Exposition Auditorium in the Civic Center. Plans and full particulars can be secured at the office of the Director of Works. Bids will be opened on November 24th. An official proposal appears in another column of this issue.

POST OFFICES.

SAN FRANCISCO—Branch post office, 2 story. Class A construction. Cost not stated. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. Plans for the general construction of the new Ferry Post Office have been completed and have received the approval of the State Board of Engineering and Postmaster Fay. Bids will be advertised for at once. Exterior of the building will be faced with cut stone. The date for opening the bids has not been set.

RAILROAD CONSTRUCTION AND EQUIPMENT.

CORONA, RIVERSIDE CO., CAL.—Railroad construction. Cost not stated. Engineer, Engineering Department Pacific Electric Co., L. A. Owners, Pacific Electric Co. Actual work on the electric car line for the Pacific Electric Railway between Arlington and Corona has been started by Shearer & Co., contractors, of Los Angeles. There are eight miles of road to be built and it is expected to have the road completed by January, 1915.

LOS ANGELES, CAL.—Express depot, 1 and 2 story and base, brick and steel. Cost not stated. Architect, James H. Humphreys, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Express Co. The building will be erected at the corner of 3rd and Central avenue, covering an area of 100 by 200 feet. Construction will be partly of the Class A type and partly of the Class C. The one-story section of the building will house an automobile unloading platform. Interior finish will be of pine. Cement floors will be used. There will be steel roof trusses and metal window sash and frames. Steel rolling doors will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Baggage and express rooms, 1 story and base, frame,

\$15,000. Architect, Architectural Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The building will be erected on the Third and Townsend street property of the company and will cover an area of 32½ by 288 feet. Construction will be of concrete frame and steel. Steel roof trusses will be used. Exterior of the building will be covered with cement plaster on metal lath. Roof will be of tar and gravel and clay tile. Plans are complete and the majority of the work will be done by Day Labor.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$35,000. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, Mrs. M. R. Sudden. The dwelling will be erected in West Clay Park and has been designed for a fourteen-room house with several baths and sleeping porches. A garage will also be erected on the property. Interior finish in the dwelling will be of pine and hardwoods with white enamel in the bed chambers. Hardwood floors will be used throughout. There will be a central heating system, probably hot water, open fire places and a vacuum cleaning system. Bath rooms will be finished in tile and equipped with showers. Mantels will be of tile. Exterior of the dwelling and garage will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly. Further mention will be made of the work.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected in West Clay Park and has been designed for an eight-room house with two baths. Interior will be finished in pine and redwood with some hardwood panels. Hardwood floors will be used in the living room, dining room, library and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Bids have been opened and show six remarkably close figures, which have been taken under advisement.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. R. Lapham, 511 12th avenue, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the east side of 12th avenue near Balboa street. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$3,500. Architect, O. R. Thayer, 20 Montgomery street, S. F. Owner, Mr. Benk. The

house will be erected at 4321 26th street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Considerable built-in furniture will be called for. Exterior of the house will be covered with rustic and shingles. Plans are complete and figures are now being taken.

SAN FRANCISCO—Residences, 4, 1½ story and base, frame, \$2,000 each. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected at the southwest corner of Milton and Bosworth streets and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Some oak floors will be used. Each living room will have a large open fire place with either a tile or brick mantel. Bath rooms will have tile wainscot and composition floors. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, concrete block. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. J. Boise. The dwelling will be erected in Cragmont and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the dining room and living room. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$20,000. Architect, Albert Caldwell, 2 West 47th street, New York. Owners, Ada M. Ayers and Florence Pearson. The dwelling has been designed for a double residence and will be erected on Bellevue and Allita avenues. Each dwelling will contain eight rooms and baths. Interiors will be finished in pine, redwood and hardwoods with some white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile with composition floors and showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who are taking figures on the work.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. H. Sellander. The dwelling will be erected in the Claremont District and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine, redwood, white enamel and hardwoods. There will be hardwood floors in the living room, dining room and reception hall. Plans

vide for furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 1½ story and base, frame, \$3,000. Architect, none. Owner, A. S. Holmes, Dalld Bldg., Oakland. The dwelling will be erected on Haddon Road north of Col avenue and has been designed as a seven-room house with bath and sleeping porch. Interior finish will be pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

HILL VALLEY, MARIN CO., CAL.—Residence, 1½ story and base, frame, \$500. Architects, Falch & Knoll, 1st Bldg., S. F. Owner, W. R. Man. The dwelling has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood throughout. Hardwood floors will be used in the living room and dining room. There will be large open fire place with brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic cement plaster. Plans are complete and figures are being taken.

BURLINGAME, SAN MATEO CO., CAL.—Garden work, concrete, \$10,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, Mr. Newhall. The work will consist of constructing formal gardens and a large concrete fountain. Plans are complete and the work will be done by Day Labor. Materials are now being purchased under the direction of the architect.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$4,500 each. Architect, Paul Demartini, 2123 Powell St., S. F. Owner, Mrs. McDonough. These two dwellings will be erected on the southeast corner of Union and Jones streets and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Pay R. Angler, 450 Monadnock Bldg., S. F. Owner, W. H. Coffinberry. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some hardwood panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room.

There will be an automatic water heater installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and now out for figures.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, H. P. Smith, Baron Bldg., Oakland. Owner, R. R. Patterson, 2187 Shattuck avenue, Berkeley. The dwelling will be erected on Benvenue avenue and has been designed for an eight-room house. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Residence, 1½ story and base, frame, \$3,800. Architects, Elite Planners, 1811 5th avenue, Oakland. Owner, Frank Hayswood. The dwelling will be erected in Stockridge Park and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Street sweeping. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being taken by the Buildings and Grounds Committee of the Exposition Co. for sweeping and cleaning streets in the Exposition Grounds. Bids will be opened on November 19th. Full particulars can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—City work. Cost not stated. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. At the present time the City Department of Architecture of the Board of Public Works has much work underway. The following jobs are worthy of mention: Plans and specifications for the electrical work on the new City and County Jail building are now being checked by the Department and will be ready for figures at an early date. Plans and specifications for the general interior work on the Polytechnic School have been completed and figures will be taken after the Bureau receive instructions from the Board of Education regarding several changes and additions. Plans and specifications for the Civic Center Power House have been completed and figures will be called for shortly. Drawings for the electrical work and water system in the Civic Center Public Square are 90 per cent complete. Drawings for the Almshouse Cow Barn have been completed and have been forwarded to the Superintendent of

the Civic Center. Plans and specifications for stand pipes, alterations to electric control, and vacuum system on the San Francisco Hospital are complete and ready for figures. The electrical system drawings on this job have been started. Full sized details are now being prepared and the work progresses on the following buildings: Washington, Irving and Polytechnic High Schools, Civic Center Public Square and the County Jail building. Drawings for the Civic Center Power House underground system are 90 per cent complete and will be rushed to completion.

SAN FRANCISCO—Power plant equipment. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing the power plant equipment for the Municipal Power Plant to be erected in the Civic Center show F. P. Walsh low on both propositions as follows: Prop. No. 1, \$11,311, and Prop. No. 2, \$11,880. Contract will probably be awarded this man. A complete list of the bids for this work will be found under the heading of San Francisco in this issue.

REDWOOD CITY, SAN MATEO CO., CAL.—Road and street work. Cost not stated. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. At the regular meeting of the Board of Supervisors of San Mateo County, County Surveyor Neuman presented a map and specifications for grading and macadamizing the new portion of the road leading from Menlo Park to Portola. Same were accepted on motion and the Clerk was directed to publish a notice calling for bids on the work. The Surveyor presented a map and specifications for building what is known as the Moyn road at Lobitos in the Fourth township, which were adopted. The Surveyor presented a map and specifications for the construction of Kelly avenue in Halfmoon Bay, which were adopted. The Clerk being instructed to advertise for bids.

RED BLUFF, TEHAMA CO., CAL.—Road improvement, \$10,000. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Resolutions have been passed by the Supervisors ordering the Red Bluff-Susanville and Red Bluff-Harrison gulch roads improved. The improvements will cost approximately \$10,000, and bids will be called immediately, which will insure an early start toward their completion.

TULARE, TULARE CO., CAL.—Electrifiers. Cost not stated. Engineer, City Engineer, Tulare. Owners, City of Tulare. Plans for an elaborate system of electrifiers have been presented to the City Council by a committee from the Merchants' Association, and the City Attorney was instructed to draw up a resolution of intention for carrying them out. The plans call for 50 lights in the business section of the city and the laying of about 8,000 feet of conduit.

MODESTO, STANISLAUS CO., CAL.—Drainage ditch. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Preliminary plans have been submitted by the Engineering Department to the Supervisors of Stanislaus County for the proposed Cayli drain ditch which is to run from the Cayli ranch westerly to

connect with the district main drainage canal at Carver road.

HOLTVILLE, IMPERIAL CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Holtville. The Trustees have passed resolutions ordering that bids be called on Tuesday, November 24th, for the construction of both the sewer outfall system and the Vrooman Tract sewer work.

SAN RAFAEL, MARIN CO., CAL.—Road work widening, etc. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. The Board of Supervisors has ordered the County Engineer to prepare plans and specifications for widening the county road between Lagunitas bridge and the Tocaloma bridge and to make a report at the next meeting. The County Engineer was also given instructions by the Board to prepare plans and specifications for the cost of rebuilding the county road across the marsh from the bottom of the hill at Chicken Point to the McNear brickyard.

FAIRFIELD, SOLANO CO., CAL.—Road fencing. Cost not stated. Engineer, County Surveyor, Fairfield. Owners, Solano County. Plans are complete and figures are now being taken for constructing 3,500 rods of fence along the new State Highway in Solano County. Bids will be opened on December 7th. Plans and specifications can be secured from the County Surveyor.

VALLEJO, SOLANO CO., CAL.—Incinerator, reinforced concrete. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. A resolution has been adopted by the City Council authorizing the City Clerk to call for bids on the construction of the incinerator plant to be erected here. The construction will be of brick or concrete. The plant is to be a complete garbage and refuse incinerator with all equipment, containing furnaces, building and driveways or approaches from the surface grade to the dumping floor. Bids will be opened between 10 and 11 o'clock Wednesday morning, November 25th.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Road work, \$4,700. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, C. M. Baker, Fresno. Contract price, \$4,700.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer work, \$71,536.30. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractors, Chambers & Heafy, Richmond and San Francisco. Contract price, \$71,536.30.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—University buildings. Class A construction, \$1,800,000. Architect, John Galen Howard, 604 Mission street, S. F. Owners, University of California. Work will be commenced upon the new buildings soon after the beginning of the new year, and within three years the campus will be the pride of every Californian. The unsightly rectitation building known as North Hall, which has been in use for nearly half a century, will have been torn away and replaced by a new granite and steel structure in conformity with the general architectural plan. The par-

thally finished Doe Library will be built up according to the original plans. The needs of the Department of Agriculture will be cared for through the construction of one and possibly two more granite buildings in the "Agricultural Group," where hereafter all of the branches of this department will be housed, instead of occupying cramped quarters in attics and made-over horse-sheds, as at present. Facilities for an almost endless extension of the correspondence courses in Agriculture, which are now reaching tens of thousands of people, will be provided in the new buildings. It is planned to make this bureau one of the most thorough and valuable adjuncts of the Greater University. Finally, there is to be erected one wing of what will eventually be a great Chemistry Building, where every facility for instruction in this science will be provided. When these improvements are completed, California may justly lay claim to proprietorship of one of the greatest universities in America, not only in size and numbers but in beauty and service.

RICHMOND, CONTRA COSTA CO., CAL.—School, 2 story and base, brick, \$50,000. Architects, Stone & Wright, Stockton. Owners, Richmond Board of Education. The Richmond Board of Education has called in plans for the new two story and basement brick school, designed by Architects Stone & Wright. The Board decided upon certain minor changes in the plans. The building is estimated to cost \$50,000.

HUGHSON, STANISLAUS CO., CAL.—School auditorium, 1 story and base, frame. Cost not stated. Architect, none. Owners, Hughson School District. Plans and specifications for a large frame auditorium have been completed and figures for the construction are now being taken. Basement of the building will be arranged for dressing rooms and showers for the gymnasium. Interior finish will be of pine and redwood. Special plumbing fixtures will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of F. C. Nickle, Clerk of the School Board at Hughson. Bids will be opened on November 20th.

HOLTVILLE, IMPERIAL CO., CAL.—School, 2 story and base, hollow tile. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville Grammar School District. The building will contain twelve class rooms, principal's office and lavatories. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, modern school plumbing and a system of ventilating and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on December 3rd. Plans and specifications can be secured from the architects.

WHITTIER, LOS ANGELES CO., CAL.—School, 1 story and base, hollow tile, \$25,000. Architects, Tuttle & Angel, Delta Bldg., L. A. Owners, Whittier School District. The building will be designed to contain six class rooms, principal's office and an assembly hall. Interior will be finished in pine. Maple floors will be used in the class rooms. There will be steam heat and a modern system of

ventilation. Exterior of the building will be covered with cement plaster. Plans are now being prepared. Figures will not be taken until bonds have been voted. Further mention will be made of the work.

SEATTLE, WASH.—University buildings. Class A construction, \$300,000. Architect not selected. Owners, University of Washington. The Regents of the University of Washington have determined to petition the State Legislature, which meets in January, for an appropriation of \$300,000 to cover the cost of constructing two new buildings in this city. The buildings proposed are a woman's building, costing \$150,000, and a new building to replace the several buildings now being used as recitation halls. This is estimated to cost about \$100,000. An additional \$50,000 will be used in miscellaneous building repairs. Herbert T. Condon, Bursar, has heretofore handled the architectural work of the university buildings.

WINTERS, YOLO CO., CAL.—School, 1 and story and base, brick and concrete, \$50,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Winters Union High School District. The building will cover a considerable ground area, and has been designed to contain eight class rooms, an assembly hall, principal's office and departments for manual training and domestic science. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, an oil burning system, vacuum cleaning and program clocks. Slate blackboards will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—School group, brick and hollow tile construction, \$240,000. Architect, Norman F. Marsh, 212 Broadway, L. A. Owners, Polytechnic High School District. Contractors, Cresmer Mfg. Co., Riverside, general construction of science, classics and home economics buildings at \$82,991. Subcontracts on above: Electric wiring to P. O. Engstrom Co., L. A., \$6,727.90. Painting administration building to Leon Mazy, at \$1,348. Painting on science building to G. C. Hewitt at \$1,125. Painting on classics, home economics and mechanics buildings to Wormell & Drawbaugh, Pasadena, at \$3,062. Plumbing on home economics to Cooney & Winterbottom, Alhambra, at \$3,120, and all other buildings to Munger & Munger, Pasadena, at \$17,321. Action on the program clocks, heating and ventilating have been deferred.

PORTLAND, ORE.—School, 2 and 3 story and base. Class A construction, \$160,000. Architect's name not given. Owners, City of Portland. Contractors, Olson & Johnson, Missoula, Mont., general construction, \$111,485; Alaska Plumbing Co., 123 Belmont street, Portland, heating, \$23,858, and Sturges & Sturges, 172½ Hawthorne street, Portland, plumbing, \$10,542.

ATHENA, ORE.—School, 2 story and base, brick, \$25,600. Architects, Tourtelotte & Hummel, Rothechild Bldg., Portland. Owners, Athena School District. Contractors, Zeph Bros., La Grande, general construction, at \$22,175; G. H. Sunderland, Walla Walla, Wash., plumbing, at \$1,435, and J. C.

er, Portland, heating and ventilation, \$1,300.

STORES AND OFFICES.

AN FRANCISCO—Stores, 1 story, as C construction, \$12,000. Architects, O'Brien Bros., Clunie Bldg. S. Owners, Borgfelt and Propfe. The ding will be erected on East street between Market and Mission, covering area of 80 by 91 feet. There will be 2 stores. Interior finish will be of P. Patent store fronts are specified. There will be marble bases. Exterior will be faced with pressed brick. As are complete and figures are taken by the owners.

Contracts Awarded.

AN FRANCISCO—Undertaking establishment, 1 story and base, frame, 000. Architect, Carl Geiffuss, 16 my street, S. F. Owners, Charles ren Welsh Estate. Contractor, S. Kress, 2023 Green street, S. F. Contract price, \$10,000.

THEATRES.

Contracts Awarded.

AN FRANCISCO—Theatre, 1 story base. Class A construction, \$50,000. Architects, Reid Bros., California Bldg., S. F. Owners, J. Spargo al. Contractor, J. R. Hanify, 24 ket street, S. F. Contract price, 000.

SEALED PROPOSALS

PROPOSALS FOR CANAL WORK.

ANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, St. Louis, Mont., until 3 o'clock p. m. November 15, 1914, for the construction about 25 miles of canals and later involving the excavation of about 000 cubic yards of material. The work is situated on the east side of the Missouri River about 18 miles west of Folsom, Mont., and 9 es west of Roman, Mont. For particulars address the United States Reclamation Service, Washington, D. C., Great Falls, Mont., or St. Ignatius, at. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION WORK.

ECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. December 8, 1914, for the construction of a portion of the Fishkumervoir supply canal, involving about 00 cubic yards of excavation, 1,600 cubic yards of concrete, the placing of 245,000 pounds of reinforcing steel and the placing in wooden staves of about 18,000 feet. R. M. of the work is situated on the east side of the Sun River, in Lewis Clark County, Mont., about 20 miles northwest of Glendale, the terminus of the Sun River branch of the Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C., at Falls, Mont. or Fort Shaw, Mont. P. DAVIS, chief engineer.

PROPOSALS FOR WHARF WORK.

ursuant to Resolution No. 9174, N. passed November 10th, 1914, the Council of the City of Oakland will receive bids on Thursday, the 19th day November, 1914, between the hours 9 o'clock a. m. and 12 o'clock p. m. at Council Chamber, City Hall, Oakland, for the furnishing of all labor and tools necessary for repairs on the dock of Franklin Street Wharf, in the

City of Oakland, California, and at the expiration of the time named, bids will be opened, examined and publicly declared in open session of the Council. All proposals shall be accompanied by a check certified by a responsible bank, payable to the order of Frank M. Smith, City Clerk of the City of Oakland, in an amount not less than ten per cent (10%) of the aggregate of the proposal, which check and the amount therein named shall be forfeited and be retained by the City of Oakland, if the successful bidder fails to execute the contract in the required form and furnish the bonds required, as set forth in this notice.

The bidder to whom the contract is awarded will be required to enter into a contract for said work within five (5) days after the award thereof, said work to be commenced within ten (10) days from the signing of the contract and to be completed within thirty (30) working days thereafter, unless prevented by inevitable accident act of God, fire, strikes or any other act or thing beyond the control of the bidder.

After the award and upon the execution of the contract the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract in an amount equal to twenty-five per cent (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon said work in an amount equal to fifty per cent (50%) of the amount named in said agreement.

Bidders will be furnished forms of proposal upon application to a City Clerk, and all proposals shall be made upon forms so furnished.

The Council reserves the right to reject any or all bids. Each bid shall bear the affidavit of the bidder, as required by Section 126 of the Charter of the City of Oakland.

FRANK M. SMITH, City Clerk.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Tuesday, November 24, 1914, for Temporary Boiler Plant for Exposition Auditorium, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, any other information may be had from the Chief of Construction, Room 211, Service Building.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M., Thursday, November 19th, 1914, for Sweeping and Cleaning Asphalt Streets in the Exposition grounds, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount named in the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that if and when the accepted proposal or bid, which check will be returned upon the suc-

cessful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The surplus thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco.

In order of the Buildings and Grounds Committee,
WILLIAM H. CROCKETT,
Chairman.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals will be received at the office of the commissioners of fisheries, Washington, D. C., until 2 o'clock p. m. November 27, 1914, and then opened, for constructing a hatchery building, a superintendent's residence, and a fish culturist's cottage at the Sardinia, Wyo., Fishery Station. Blank proposals, specifications, etc., may be obtained on application to the above office.

PROPOSALS FOR BRIDGES.

BRIDGES—U. S. Engineer Office, Portland, Ore.—Sealed proposals for eight steel swing bridges for Dalles-Celilo Canal will be received here until 11 o'clock a. m. December 7, 1914, and then publicly opened in accordance on application. JAY J. MORROW, major engineers.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 878—Proposals for Steel Cable, Trunk Bolts, Nails, Turnbuckles, Lead Washers, Brass Condenser Tubes, Brass Nuts, Paint Brushes, Vitrified Sewer Pipe, Manila Rope, Candle Wicking, Harness, Leather, Memorandum Books, Paper, Alcohol, Lumber and Spud Timber. Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 20, 1914, at which time they will be opened in public, for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 878) may be obtained from this office or the office of the assistant purchasing agent, 1085 North Point street, San Francisco, Cal., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 877—Proposals for Electric Incandescent Lamps. Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. November 27, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 877) may be obtained from this office or the office of the assistant purchasing agent, 1085 North Point street, San Francisco, Cal., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR PAINTING PLASTERING.

PAINTING PLASTERING—Office of the Custodian, U. S. Public Building, Alameda, Cal.—Sealed proposals will be received here until 12 p. m. November 30, 1914, for painting plastering. For further information address T. C. STODOLAR, postmaster.

(Continued on Page 40).

Let the County Official Know Where You Saw the Official Proposal.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

EXPOSITION BOUNDARY FENCE—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures will be opened on November 17th for constructing additional boundary fence at the Exposition Grounds. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

WATER FRONT ENTRANCE—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and figures are now being taken for construction of the Water Front Entrance to the Exposition Grounds. Bids will be opened by the Buildings and Grounds Committee on November 17th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

STREET SWEEPING—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being taken by the Buildings and Grounds Committee of the Exposition Co. for sweeping and cleaning streets in the Exposition Grounds. Bids will be opened on November 19th. Full particulars can be secured from the office of the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

CITY WORK—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. At the present time the City Department of Architecture of the Board of Public Works has much work underway. The following jobs are worthy of mention: Plans and specifications for the electrical work on the new City and County Jail building are now being checked by the Department and will be ready for figures at an early date. Plans and specifications for the general interior work on the Polytechnic School have been completed and figures will be taken after the Board receives instructions from the Board of Education regarding several changes and additions. Plans and specifications for the Civic Center Power House have been completed and figures will be called for shortly. Drawings for the electrical work and water system in the Civic Center Public Square are 90 per cent complete. Drawings for the Almshouse Cow Barn have been completed and have been forwarded to the Superintendent of the Relief Home. Plans and specifications for stand pipes, alteration of elevator control and vacuum system on the San Francisco Hospital are complete and ready for figures. The fire alarm system drawings on this job have already been started. Full sized

details are now being prepared as the work progresses on the following buildings: Washington, Irving and Polytechnic High Schools, Civic Center Public Square and the County Jail Building. Drawings for the Civic Center Power House underground system are 90 per cent complete and will be rushed to completion.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, Charles J. Rousseau, 48 Kearny street, S. F. Owners, Menser Bros. The building will be erected at the southwest corner of Laguna and California streets and has been designed to contain six apartments of five rooms each. Interiors will be handsomely finished in pine and hardwoods. Each apartment will have two baths, two toilets and wall beds. Hardwood floors will be used in the principal rooms. There will be steam heat, a hot water supply, elevator service and a vacuum cleaning system. Both rooms will be finished in tile. Entrance will have tile wainscot and marble steps. Exterior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and segregated figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$17,00. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, C. A. Honaas. The building will be erected on the east side of Gough street south of Green, and has been designed to contain six apartments of three and four rooms. Interiors will be finished in pine throughout. There will be wall beds and private baths. Some hardwood floors will be used. Bath rooms will have tile wainscot and composition floors. Steam heat, with an automatic electric control will be installed. Tile and marble will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath and brick veneer. Plans are complete and figures will be called for at once.

RESIDENCE—2 story and base, frame, \$35,000. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, Mrs. M. R. Sudden. The dwelling will be erected in West Clay Park and has been designed for a fourteen-room house with several baths and sleeping porches. A garage will also be erected on the property. Interior finish in the dwelling will be of pine and hardwoods with white enamel in the bed chambers. Hardwood floors will be used throughout. There will be a central heating system, probably hot water, open fire places and a vacuum cleaning system. Bath rooms will be finished in tile and equipped with showers. Mantels will be of tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly. Further mention will be made of the work.

RESIDENCE—2 story and base, frame \$7,000. San Francisco. Archi-

tect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected in West Clay Park and has been designed for an eight-room house with two baths. Interior will be finished in pine and redwood with some hardwood panels. Hardwood floors will be used in the living room, dining room, library and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Bids have been opened and show six remarkably close figures, which have been taken under advisement.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. R. Lapham, 511 12th avenue, S. F. The dwelling, which has been designed for a seven-room house, will be erected on the east side of 12th avenue near Balboa street. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile mantels. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1½ story and base, frame, \$3,500. San Francisco. Architect, O. R. Thayer, 20 Montgomery street, S. F. Owner, Mr. Benk. The house will be erected at 1321 26th street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and the mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Considerable built-in furniture will be called for. Exterior of the house will be covered with rustic and shingles. Plans are complete and figures are now being taken.

RESIDENCES—4, 1½ story and base, frame, \$2,000 each. San Francisco. Architect, none. Owners, MacArthur Bros., 1560 Fell street, S. F. These houses will be erected at the southwest corner of Milton and Bosworth streets, and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Some oak floors will be used. Each living room will have a large open fire place with either a tile or brick mantel. Bath rooms will have tile wainscot and composition floors. Exterior will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

TEMPORARY BOILER PLANT—Cost not stated. San Francisco. Engineer, Director of Works. Service Bldg., S. F. Owners, Panama Pacific International Exposition Co. Plans and specifications are complete and figures are now being taken for furnishing and installing a temporary boiler plant at the Exposition Auditorium in the Civic Center. Plans and full particulars can be secured at the office of the Director of Works. Bids will be opened on November 24th. An official proposal appears in another column of this issue.

FLATS—2 story and base, frame, \$7,500. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, El Manuel Evangelical Association. The building will be erected on 19th street near Capp on property adjoining the new church building and will be used as a parish house. Each flat will contain seven rooms and bath. Interiors will be finished in pine, redwood and elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places in each living room. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph M. Geary, 2581 Post street, S. F. Owner, Miss Delia K. Farrell. The building will be erected on the east side of Sanchez street north of 28th, having a frontage of 25 feet and a depth of 57 feet. There will be two modern flats of six and seven rooms. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms and in the reception halls. Bath rooms will have tile wainscot and composition floors. There will be open fire places and tile mantels. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architect. Materials are now being purchased.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, A. V. Anderson, 1608 16th avenue, S. F. The building has been designed to contain two flats of six rooms each and will be erected at the southeast corner of Lawton and 16th avenues, covering a ground area of 25 by 42 feet. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Tile wainscot and composition floors will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, G. Lindner, 4029 26th street, S. F. The building will be erected on the south side of 26th street west of Sanchez, having a frontage of 25 feet and a depth of 55 feet. There will be four

small apartments of four room each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. Walls and ceiling will be of open fire places and tile mantels. Bath rooms will be finished in tile and will have composition floors. Entrance will have marble wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

WHARF REPAIRS AND EXHIBIT PAVILION—Cost not stated. San Francisco. Architect, Constructing Quartermaster office, Fort Mason. Owners, United States Government. Bids are now being taken for repairs to the Fort Mason wharf, consisting of fender piles and chafing strips. Plans at the office of the Constructing Quartermaster, Fort Mason. Plans are nearly complete and figures will be called for shortly for constructing a pavilion for the United States Military Academy to be erected in the Liberal Arts Building at the Panama-Pacific Exposition. Work will be figured from the office of the Constructing Quartermaster at Fort Mason.

HOTEL—6 story and base, Class C construction, \$65,000. San Francisco. Architect, A. A. Cantin, Foxcroft Bldg., S. F. Owner, A. W. Maltby. The building will be erected on the south side of Ellis street east of Mason, and has been designed to contain in the neighborhood of 110 rooms, nearly all of which will have private bath. A large lobby and parlors will be features of the hotel. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will have tile floors and wainscot. Interior finish will be of pine, redwood and hardwood veneer. Marble, tile and ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and figures will be called for at once.

RESIDENCES—2, 2 story and base, frame, \$4,500 each. San Francisco. Architect, Paul Demartini, 2123 Powell street, S. F. Owner, Mrs. McDonough. These two dwellings will be erected at the southeast corner of Union and Lyons streets and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Interiors will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,500. South San Francisco. San Mateo Co., Cal. Architect, Fay R. Spangler, 450 Monadnock Bldg., S. F. Owner, Wm. H. Coffinberry. The dwelling has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. There will be an automatic water heater installed. Exterior of the house will be covered with ce-

ment plaster on metal lath. Plans are complete and now out for figures.

POWER PLANT EQUIPMENT—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, 8. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing power plant equipment for the Municipal Power Plant to be erected in the Civic Center show F. P. Welch low on both propositions as follows: Prop. No. 1, \$1,311, and Prop. No. 2, \$11,880. Contract will probably be awarded this man. A complete list of the bids for this work will be found under the heading of San Francisco in this issue.

DRY DOCK CONSTRUCTION—\$1,500,000. San Francisco. Engineers, Union Iron Works, S. F. Owners, Union Iron Works. San Francisco is now assured of the construction of the big dry dock by the signing of a contract between the Union Iron Works and the Navy Department. The Navy Department agrees to pay the Union Iron Works \$50,000 per year for six years. The dock will be the largest on the Pacific Coast, being 1090 feet long, 110 feet wide and 40 feet over the sills. Construction will be started at once and the dock completed within eighteen months or two years. The cost is estimated at over \$1,500,000.

BRANCH POST OFFICE—2 story Class A construction. Cost not stated. San Francisco. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. Plans for the general construction of the new Ferry Post Office have been completed and have received the approval of the State Board of Engineering and Postmaster Fay. Bids will be advertised for at once. Exterior of the building will be faced with cut stone. The date for opening the bids has not yet been set.

BAGGAGE AND EXPRESS ROOM—1 story and base, frame, \$15,000. San Francisco. Architect, Architectural Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. The building will be erected on the Third and Townsend street property of the company and will cover an area of 32½ by 288 feet. Construction will be of concrete frame and steel. Interior will be finished in pine. There will be a cement floor. Steel roof trusses will be used. Exterior of the building will be covered with cement plaster on metal lath. Roof will be of tar and gravel and clay tile. Plans are complete and the majority of the work will be done by Day Labor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Miss Dolores Loaliza. Contractor, James Hjul, Mills Bldg., S. F. Contract price, \$30,000. Note: The contractor is now taking subfigures on this work.

SHOP BUILDING—2 story and base, brick, \$14,250. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Contractors, T. E. Davis & Son, S. F. Contract price, \$14,250.

LIBRARY—1 story and base, brick, \$12,000. South San Francisco. San Mateo Co., Cal. Architect, W. H. Weeks, 75 Post street S. F. Owners, Town of South San Francisco. Contractors,

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKSEstablished 1886—Incorporated 1913
Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Offices & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

O'Rourke & Brady, San Francisco. Contract price, \$9,914. A complete list of these figures will be found under the heading of San Jose and the Santa Clara Valley in this issue.

STORIES—1 story. Class C construction, \$12,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Borgfelt and Propie. The building will be erected on East street between Market and Mission, covering an area of 80 by 91 feet. There will be four stores. Interior finish will be of pine. Patent fronts are specified. There will be marble bases. Exterior will be faced with pressed brick. Plans are complete and figures are being taken by the owners.

UNDER TAKING ESTABLISHMENT—1 story and base, frame, \$10,000. San Francisco. Architect, Carl Gullfuss, 46 Kearny street, S. F. Owners, Charles Warren Welsh Estate. Contractor, S. B. Kress, 2029 Market street, S. F. Contract price, \$10,000.

THEATRE—1 story and base. Class A construction, \$50,000. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, J. Spargo et al. Contractor, J. R. Hanify, 24 Market street, S. F. Contract price, \$5,000.

Work To Start At Once On Dry Dock.

Contract Between Navy Department and Union Iron Works Signed and Giant Dock to be Ready in Two Years.

A contract has been signed by the Navy Department and the Union Iron Works which assures the early construction of the giant dry dock in San Francisco at a cost of \$1,500,000.

The government agrees to furnish the Union Iron Works with repair work for the big dock at the rate of \$50,000 per year for a period of six years. The dock will be 1090 feet long, 110 feet wide and 40 feet over the sills, which dimensions will allow the docking of the largest ships including battleships.

The Union Iron Works state that actual construction will be started at once and the dock completed and ready for use within eighteen months or two years.

Bids For Residence In West Clay Park.

Figures From Plans of Architect John Davis Hatch Run Close for Handsome Residence.

Architect John Davis Hatch, Humboldt Bank Bldg., has recently opened bids for the construction of a two-story frame and cement dwelling to be erected in West Clay Park. The tabu-

lated bids as opened in the presence of the owner, architect and contractor were as follows:

Ed. Zinkand & Son.....	\$7040
Robt. Glaze	7257
Finn Anderson	7490
W. A. and C. C. Terrill.....	7650
Collman & Collman.....	7682
Joel Johnson	7711

The plans and specifications call for a completed house, including all items except finishing hardware, lighting fixtures and shades. It is to be noted that in spite of the possibilities of widely varying sub-contract bids, the difference between the high and low bids on six independent figures is only \$670, which speaks well for the careful figuring of the competing contractors and for the accuracy and clearness of the architect's plans and specifications. Readers of the "Builder" will perhaps remember that last month bids on another and larger building were opened by Architect Hatch, showing the same noticeable uniformity. The owner has the bids under advisement.

South City Library Bids Are Opened.

Seven Figures Received For Construction of Building Designed By W. H. Weeks, and Contract Awarded.

SOUTH SAN FRANCISCO—Bids were opened Monday evening by the Board of Library Trustees for the construction of a one-story brick building designed by Architect W. H. Weeks, 75 Post Street, San Francisco. O'Rourke & Brady of San Francisco submitted the lowest figures for the general contract at \$9,914 and were awarded the contract. The grading of the lot will be re-advertised. Following is a complete list of the bids as opened:

South San Francisco Library.

Jones & Bruner.....	\$10,841
John J. Leonard.....	11,254
Carnahan & Mulford.....	11,989
O'Rourke & Brady.....	9,914
Collman & Collman.....	11,722
Charles M. Lindsay.....	10,346
Lewis Cereghino & Son.....	12,000

City Bids Opened.

Bids For Equipment of Municipal Power House and for Plastering of Academic Building are Received.

Bids were received at the Wednesday afternoon meeting of the Board of Public Works for furnishing and installing the equipment for the Municipal Power Station to be erected in the Civic Center. Bids were taken on two propositions, No. 1 for furnishing and installing boilers, oil burning equipment and etc. No. 2, an addition

Nearest to Everything



POWELL ST. AT O'FARRELL

Best located and most popular hotel in the City; circulating ice water in every room.

Special attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management. Chester W. Kelley

to bid No. 1, if a stack is included in the work. In some of the following bids No. 2 is to be added to No. 1 and in other cases No. 2 is a total bid for the work.

Bids were also opened at the same meeting for the plaster work at the Academic Building, Polytechnic High School. Following is a complete list of the bids as opened:

Power Plant Equipment.

Davis Rogers & Co., No. 1, \$—; No. 2, \$14,811.
Robert Dalziel Jr. Co., No. 1, \$13,417; No. 2 (add) \$600.
Siebert Co., No. 1, \$11,752; No. 2, \$12,283.
Scott Co., No. \$13,994; No. 2 (add) \$500.
Pacific Fire Extinguisher Co., No. \$14,175; No. 2 (add) \$755.
F. P. Walsh, No. 1, \$11,341; No. 2, \$11,880.
William Lyman Co., No. 1, \$12,261; No. 2 (add) \$655.
Turner Co., No. 1, \$12,47; No. 2 (add) \$990.

Plastering Academic Building.

Herman Bosch	\$22,200
Campbell & Williams.....	23,395
C. C. Morehouse.....	25,670
William Gruver & Co.....	22,450
Greenback Plastering Co.....	21,225
James F. Smith.....	21,745
Bradley & O'Reilly.....	23,700

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am.
3749	S. P. Co.	Moller	5000
3750	Maxwell	Maxwell	1600
3751	Zazzl	Megna	500

3752	Belmontell	Bessiere	400
3753	Keohane	Kearns	1200
3754	Monroly	Monroly	400
3755	Heartley	Kelly	400
3756	Werz	Werz	1000
3757	Voss	Sauers	1200
3758	Loane	Phoedovins	400
3759	Kossenger	Moore	400
3760	Osterero	Osterero	1200
3761	Dibble	Dibble	400
3762	Canadien	Pasqualetti	1000
3763	Westinghouse	Lange	16622
3764	Murphy	Brueck	5170
3765	S F Com'l	Richardson	1987
3766	Perry Imp't	Nilson	1833
3767	Eastman	Perry	800
3768	Meads	Novelty	400
3769	Wern	Hansen	800
3770	Taxicab Co	Brumfield	400
3771	Deluca	Deluca	800
3772	Tayne	Tayne	1000
3773	Liebert	Liebert	1600
3774	Wimer	Wimer	450
3775	Flood	Saas	400
3776	Duffy	Duffy	400
3777	Abrahams	Hansen	1200
3778	Gagne	Loveland	450
3779	Studebaker	Owner	400
3780	Unken	Franzon	400
3781	Law	Campbell	400
3782	Caeyala	Mooney	600
3783	Lindner	Lindner	400
3784	Solomon	Solomon	400
3785	Tucker	Gibbs	2259
3786	Power	Demarais	2347
3787	Stand Varnish	Welsh	1570
3788	Mastick	Kurtz	1683
3789	Bradbury	Maundrell	1295
3790	Moynihan	Demarais	1875
3791	Williams	Klahn	3300
3792	Levy	Atlas	475
3793	Grant	Grant	1600
3794	Ullmer	Heaphy	750
3795	Heyman	Heyman	1500
3796	Melf	WOLF	1900
3797	Hulse	Bradford	2000
3798	Morris	Morris	400
3799	McArthur	McArthur	1800
3800	Same	Same	1800
3801	Same	Same	1800
3802	Same	Same	1800
3803	Same	Same	1800
3804	Wagner	Carson	2000
3805	Tompkins	Brady	1500
3806	Shard	Bodine	2850
3807	Palmer	Palmer	7000
3808	Joseph	Emanuel	800
3809	Hicks	Manseau	1000
3810	Bush	Hickinson	1000
3811	Barnes	Pogkman	4000
3812	Adair	Murray	2900
3813	Delbanco	Salomon	1000
3814	Harward	Roberts	2000
3815	Hughes	Nolan	4000
3816	Schrader	Klahn	1900
3817	Winsor	Roberts	1800
3818	Lowenstein	Butte	10000
3819	Eubank	Smith	2100
3820	Cambridge	Widmer	1460
3821	Cauhaue	Pasqualetti	500
3822	Great Western	Robinson	2000
3823	Turner	Novelty	400
3824	McKenzie	Prout	400
3825	Symmes	Morrison	1200
3826	McCreadie	Simmen	1200
3827	Ghiotto	Ingrassia	1350
3828	Emery	Anderson	1300
3829	Basozzi	Basozzi	3000
3830	Parrell	Smith	5950
3831	P I E	Strehlow	10000
3832	Bergh	McMullin	1852
3833	Portugal	Caldwell	9823
3834	Parsons	Sibley	1100
3835	Ham	McCausland	3628
3836	Beede	Welsh	3500
3837	G G Comp Yeast	Hansen	600
3838	Ghiotto	Ghiotto	400
3839	Pacific Realty	Fay Imp	1000
3840	Bauman	Sauer	850
3841	S P Co	S P Co	15000
3842	Turner	Lewis	400
3843	Collins	McCarthy	1459
3844	S F Com'l	Bird	10000
3845	Thompson	Thompson	108000
3846	Argentine	Boyle	2442
3847	P I E	Thompson	6950
3848	S P Co	Kress	1666
3849	Katz	Marshall	536
3850	Bray	Wetzel	335
3851	Same	Gradidin	4500
3852	Same	Glaze	

SIGNAL TOWER

(3749) FOURTH AND TOWNSEND.
Construct steel and concrete signal tower.

Owner.....Southern Pacific Co. Flood Bldg., San Francisco.

Architect.....Southern Pacific Co.
Contractor R. W. Moller, 185 Steveson, San Francisco.

COST, \$5000

ADDITION

(3750) NO. 312 OAK. Add 3 rooms and make other repairs.

Owner.....T Maxwell, Premises.

Architect.....Wm. Koenig, 750 Park-nasous Ave., S. F.

Day's work. COST, \$1500

ADDITION

(3751) NO. 601 FIFTH AVE Add to cottage.

Owner.....Mrs. Zazzi, Premises.

Architect.....None.

Contractor.....Antone Megna, 2348 Jones, San Francisco.

COST, \$500

ALTERATION

(3752) NO. 411 VIENNA. Alter residence.

Owner.....D. Delmontell, Premises.

Architect.....None.

Contractor.....V. Bessiere, 1590 Ellis, San Francisco.

COST, \$400

ALTERATIONS

(3753) W DOLORES 51 1/2 S 28th. Alter and repair flat building.

Owner.....Mrs. T. Keohane, 1506 Dolores, San Francisco.

Architect.....F. S. Holland, 100 Halght San Francisco.

Contractor.....J. F. Kearns.

COST, \$1200

REPAIRS

(3754) SE JONES AND BROADWAY. Shingle and repair front.

Owner.....Mr. Monroly.

Architect.....None.

Contractor.....F. A. Waight, 1257 Oclavia San Francisco.

COST, \$400

BULKHEAD

(3755) W RHODE ISLAND 100 S 18th. Construct concrete bulkhead.

Owner.....David Heartley, Mission near 18th, S. F.

Architect.....None.

Contractor.....P. J. Kelly, 658 Elizabeth, San Francisco.

COST, \$400

REPAIRS

(3756) NO. 1573-75 ELLIS. Fire repairs.

Owner.....J. C. Werz, 1481 Eddy, San Francisco.

Architect.....None.

Day's work. COST, \$1200

BRICK FOUNDATION

(3757) NO. 155 DOUGLASS. Construct brick foundation and ratproof basement.

Owner.....Mrs. Marla Voss, Premises.

Architect.....None.

Contractor.....A. Sauer, 319 Noe, S. F.

COST, \$1000

ALTERATIONS

(3758) W FORTY-SEVENTH AVE 75 N Santiago. Alter and repair dwlg.

Owner.....A. Loane, 1530 Golden Gate Ave., San Francisco.

Architect.....None.

Contractor.....Frank Phoedovins, 523 Day, San Francisco.

COST, \$400

STAIRS

(3759) NO. 211 EVANS AVE. Repair saloon.

Owner.....C. M. Kossenger, Premises.

Architect.....None.

Contractor.....C. P. Moore Bldg. Co., 316 Sharon Bldg., S. F.

COST, \$400

FRAME DWELLING

(3760) E QUESADA 75 S Quint One-story frame dwelling.

Owner.....Michele Osterero, 1847 Palou, San Francisco.

Architect.....None.

Day's work. COST, \$1200

ALTERATIONS

(3761) NO. 2400 FORTY-EIGHTH AV Extend dining room.

Owner.....Dibble Bros., Premises.

Architect.....None.

Contractor.....F. G. Dibble, 2400 48th Ave., San Francisco.

COST, \$400

ALTERATIONS

(3762) NO.2996 SCOTT. Repair and alter laundry.

Owner.....W. H. Degan, 96 Wash- ington, S. F.

Architect.....None.

Contractor.....J. Pasqualetti, 755 Market, San Francisco.

COST, \$400

FRAME SHED

(3763) NO. 3550 NINETEENTH. One-story frame shed.

Owner.....Dairy Delivery Co., Prem.

Architect.....C. F. Wieland, 703 Market, San Francisco.

Day's work. COST, \$1000

FRAME FLATS

(3764) SE LAWTON & TENTH AVE. Two-story and basement frame (2) flats.

Owner.....A. V. Anderson, 1608 10th Ave., San Francisco.

Architect.....None.

Day's work. COST, \$3500

FRAME DWELLING

(3765) E TWENTY-FIRST AVE 125 N Balboa. Two-story and basement frame dwelling.

Owner.....A. R. Lapham, 511 12th Ave., San Francisco.

Architect.....None.

Day's work. COST, \$2750

EXHIBIT PAVILION

(3766) EXPOSITION SITE. All work for exhibition pavilion.

Owner.....The Canadian Pacific Rail- way Co., 645 Market, S. F.

Architect.....Francis S. Swales.

Contractor.....Foster-Vogt Co., Sharon Bldg., San Francisco.

Filed Nov. 9, '14. Dated July 27, '14.

As work progresses..... 75%

Usual 35 days..... 85%

TOTAL COST, \$12,474

Bond, \$6257. Surety, The Chicago Bond- ing & Surety Co. Limit, Nov. 1, 1914.

Forfeit, none. Plans and specifications filed.

EXHIBIT BUILDING

(3767) EXPOSITION SITE. All work for exhibit in Palace of Transportation.

Owner.....Westinghouse Electric & Mfg. Co., 163 2nd, S. F.

Engineer.....A. M Hunt, 14 Montgomery San Francisco.

Contractor..Lange & Bergstrom, Shar-
on Bldg., San Francisco.
Filed Nov. 9, '14. Dated Oct. 29, '14.
On 15th of each month..... 85%
Usual 35 days..... 15%
TOTAL COST, \$'6,622

Bond, \$8311. Surety, The Aetna Acci-
dent & Liability Co. Limit, Dec. 20,
1914. Forfeit, none. Plans and specifi-
cations filed.

FRAME FLATS

(3768) W HOWARD 125 N 22nd W
122-6xN 30. Carpenter, mill, lath,
plaster, tining, grading, concrete,
roofing, etc., for two-story and base-
ment frame flats.

Owner.....David and Cathrine A. or
Catherine A. Murphy, 2534
Howard, San Francisco.
Architect...John J. Foley, 46 Kearny,
San Francisco.

Contractor..Michael Brueck, 600
Charter Oak, S. F.
Filed Nov. 9, '14. Dated Nov. 7, '14.
Frame up\$1292.50
Brown coated 1292.50
Completed and accepted..... 1292.50
Usual 35 days..... 1292.50
TOTAL COST, \$5170.00

Bond, \$2585. Sureties, A. F. Bonneau
and Philip J. Bailey. Limit, 95 days.
Forfeit, none. Plans and specifications
filed.

CLUB ROOMS

(3769) MERCHANTS' EXCHANGE
Building. Fire places complete for
The San Francisco Commercial Club.
Owner.....The San Francisco Com-
mercial Club.

Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.
Contractor..Eri H. Richardson, Hearst
Bldg., San Francisco.

Filed Nov. 9, '14. Dated Oct. 5, '14.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1987

Bond, \$994. Sureties, W. Lake and J.
D. Arnott. Limit, Dec. 15, 1914. For-
feit, \$50. Plans and specifications,
none.

STORE BUILDING

(3770) W EMBARCADERO 137-6 S
Market 91'8x50. Concrete work,
foundation, rat proofing and sack
finished concrete, excavation of
trenches for wall footings and
piers, etc., for one-story store bldg.
Owner.....Ferry Improvement Co.
Architect...O'Brien Bros., Clunie Bldg
San Francisco.

Contractor..Nilson & Arras.
Filed Nov. 9, '14. Dated Nov. 9, '14.
Foundation in\$1000
Rat proofing completed..... 400
Usual 35 days..... 433
TOTAL COST, \$1833

Bond, \$916.50. Sureties, Philip O'Don-
nell and Ed. Mooney. Limit, 12 days
after Nov. 9. Forfeit, none. Plans
and specifications filed.

FRAME DWELLING

(3771) E BANKS 125 N Odgen. One-
story and basement frame dwlg.
Owner.....Jos. Eastman, 222 Ray-
mond Ave., S. F.
Architect...None.

Contractor..T. H. Parry, 222 Raymond
Ave., San Francisco.
COST, \$800

MARQUISE

(3772) NO. 658 MARKET. Erect mar-
quise.

Owner.....Meads Co. Inc., Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165
Eddy, San Francisco.
COST, \$400

ALTERATIONS

(3773) NO. 2521 McALLISTER. Alter
and repair dwelling.
Owner.....Mary Wern, Premises.
Architect...None.
Contractor..Chris Hansen, 1440 Florida
San Francisco.
COST, \$800

ELECTRIC SIGN

(3774) NE LARKIN AND BUSH.
Electric sign.
Owner.....Taxicab Co. of California,
Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$400

ADDITION

(3775) NO. 418 GREEN. Add and re-
pair living room.
Owner.....Felice Delluca, Premises.
Architect...A. Sanguinetti, San An-
selmo, Cal.
Day's work. COST, \$800

FRAME DWELLING

(3776) E MOSCOW 175 N Persia. One-
story and basement frame dwelling.
Owner.....G. Tayne, 108 Anderson,
San Francisco.
Architect...None.
Day's work. COST, \$1000

FRAME DWELLING

(3777) E ELEVENTH AVE 175 S
Moraga. One and one-half-story and
basement frame dwelling.
Owner.....Oscar Liebert, 1455 8th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1600

ALTERATIONS

(3778) NO. 271 TWENTY-FIFTH AVE
Alter and add to dwelling.
Owner.....L. S. Wimer, Premises.
Architect...None.
Day's work. COST, \$450

ALTERATIONS

(3779) NO. 71 MANILA. Alter cafe.
Owner.....Mr. Flood, 71 Union Square
Ave., San Francisco.
Architect...None.
Contractor..Sass & Son, 134 St. Anne,
San Francisco.
COST, \$650

ALTERATIONS

(3780) NOS. 1138-40 FELL. Alter and
repair dwelling.
Owner.....W. F. and A. Duffy, 74 Mir-
amar and 2807 Washington
San Francisco.
Architect...None.
Contractor..W. F. Duffy, 74 Miramar,
San Francisco.
COST, \$400

PRIVATE GARAGE

(3781) W LAGUNA 118-9 N California
W 34-4½xN 18-9. All work for
private garage.
Owner.....L. Abrahams, 2100 Cali-
fornia, San Francisco.
Architect...G. Albert Lansburgh, M. A.
Gunst Bldg., S. F.
Contractor..F. L. Hansen, M. A. Gunst
Bldg., San Francisco.
Filed Nov. 10, '14. Dated Nov. 9, '14.
Completed and accepted..... 75%

Usual 35 days..... 25%
TOTAL COST, \$1300
Bond, none. Limit, 45 days. Forfeit,
none. Plans and specifications filed.

GREENHOUSE

(3782) NO. 2347 LOMBARD. One-
story frame greenhouse.
Owner.....Gustave Gagne, Premises.
Architect...None.
Contractor..F. L. Loveland, 2599 Val-
lejo, San Francisco.
COST, \$450

ELECTRIC SIGN

(3783) NO. 1216 VAN NESS AVE.
Electric sign.
Owner.....Studebaker Corporation,
Premises.
Architect...None.
Day's work. COST, \$400

REPAIRS

(3784) NO. 489 CASTRO. Repair
store.
Owner.....G. H. Umbson, 20 Mont-
gomery, San Francisco.
Architect...None.
Contractor..Swenson & Franzen, 230
Tehama, San Francisco.
COST, \$400

UNDERPIN DWELLING

(3785) S CALIFORNIA 60 W Mason.
Underpinning dwelling.
Owner.....H. E. Law.
Architect...Geo. F. Schastey, Monad-
nock Bldg., S. F.
Contractor..Campbell Bros., 180 Jessie
San Francisco.
COST, \$400

REPAIRS

(3786) NO. 370 HAYES. Repair
foundation and underpin.
Owner.....Romain Caeyala, Prem.
Architect...None.
Contractor..Ed. Mooney, 497 29th,
San Francisco.
COST, \$600

FRAME FLATS

(3787) S TWENTY-SIXTH 206 W
Sanchez. Two-story and basement
frame (4) flats.
Owner.....G. Lindner, 4029 20th, S. F.
Architect...None.
Day's work. COST, \$4000

ALTERATIONS

(3788) E LEAVENWORTH 68 S
O'Farrell. Construct marquise and
minor alterations.
Owner.....H. Goodfellow, Insurance
Exchange Bldg., S. F.
Architect...Herbert Schmidt, Royal
Insurance Bldg., S. F.
Day's work. COST, \$800

ALTERATIONS

(3789) NO. 175 HOOPER. Install
furnaces and erect stacks.
Owner.....C. Solomon Jr., 409 Bat-
tery, San Francisco.
Architect...None.
Day's work. COST, \$400

FRAME APARTMENTS

(3790) NW BUSH & GOUGH. Plumb-
ing and gas fitting for three-story
and basement frame apartments.
Owner.....Rebecca C. Tucker, 2858
Washington, S. F.
Architect...Milton Lichtenstein, 111
Ellis, San Francisco.
Contractor..Ira W. Coburn Inc., Hearst
Bldg., San Francisco.
Sub-Contractor. David Gibbs, 654 5th
Ave., San Francisco.

BUILDING AND INDUSTRIAL NEWS

Nov. 11, '14. Dated Oct. 29, '14.
 1/2 of plumbing roughed in...\$365
 rest sewers connected and
 vice in 565
 Hiding accepted 565
 usual 35 days..... 564
 TOTAL COST, \$2259
 \$1130. Sureties, Mrs. Eva
 Herman and J. Gibbs, Limit, forfeit
 and specifications, none.

AME COTTAGE

Nov. 11, '14. W MISSISSIPPI 225 N 22nd 25
 00. All work except lighting fix-
 res for two-story and basement
 frame cottage.

er.....R. Power, 1433 Hudson
 Ave., San Francisco.
 Architect...None.

Contractor...B. W. Demarais, 732 Page
 San Francisco.

Nov. 11, '14. Dated Oct. 27, '14.
 frame up\$56.75
 own coated 586.75
 mpleted 586.75
 usual 35 days..... 586.75
 TOTAL COST, \$2347.00
 none. Limit, 90 days. Forfeit,
 Plans and specifications filed.

IBIT BOOTH

2) EXPOSITION GROUNDS. All
 work except painting for a booth in
 nes Building.

er.....The Standard Varnish
 Works, 113 Front, S. F.
 Architect...Bliss & Faville, Balboa
 Bldg., San Francisco.

Contractor...J. H. Welsh.

Nov. 11, '14. Dated Nov. 10, '14.
 building framed with columns
 and staff cornice\$506.25
 oth completed 506.25
 days after..... 337.50
 TOTAL COST, \$1350.00

1, \$675. Surety, Southwestern
 ty Insurance Co. Limit, Jan. 15,
 Forfeit, none. Plans and specifi-
 cations filed.

CK BUILDING

3) W BATTERY 70 S Broadway S
 -6 W 177-6 N 67-6 E 20 N 70 E 20
 70 E 137-6. Sewering, plumbing,
 ns fitting, electrical and fixture
 work for alterations to three-story
 and basement brick building.

er.....Geo. H. and Lizzie S.
 Mastick, 706 68 Post, S. F.
 Architect...Wm. Mooser, Nevada BK.
 Bldg., San Francisco.

Contractor...Otto Kurtz, 445 Steven-
 son, San Francisco.

Nov. 11, '14. Dated Nov. 9, '14.
 oughed in\$600
 mpleted and accepted..... 662
 usual 35 days..... 421
 TOTAL COST, \$1683

nd, \$841.50. Surety, Southwestern
 ty Insurance Co. Limit, without
 ay. Forfeit, \$10. Plans and specifi-
 cations filed.

ASS "C" HOTEL

94) NW POLK AND CALIFORNIA
 56-3 N 87-6 W 25 N 25 E 81-3 S
 12-6. Painting, decorating and
 paper hanging for four-story Class
 'C' hotel.

er.....Bradbury Estate Invest-
 ment Co. and Mary M.
 Bradbury.

Architect...Zanolini & Jewett, 604
 Montgomery, S. F.

Contractor...H. Maundrell, 320 Hayes,
 San Francisco.

Nov. 11, '14. Dated Oct. 17, '14.
 interior and exterior primed.\$348.75

and coat on. 13.75
 Completed and accepted. 348.75
 Usual 35 days..... 348.75
 TOTAL COST, \$1395.00
 Bond, \$700. Surety, The Aetna Acci-
 dent & Liability Co. Limit, Feb. 1,
 1915. Forfeit, \$10. Plans and speci-
 fications, none.

ALTERATIONS

(3795) W MISSISSIPPI — (Specifi-
 cations read W Pennsylvania — N
 19th; No. 324 Pennsylvania). All
 work for alterations and additions to
 two-story frame building.

Owner.....H. Moynihan, 324 Pennsylv-
 ania, San Francisco.

Architect...None.

Contractor...B. W. Demarais, 732 Page
 San Francisco.

Filed Nov. 11, '14. Dated Oct. 27, '14.

Foundation in\$300
 Plumbing installed 350
 Completed 525
 TOTAL COST, \$1375

Bond, none. Limit, 60 days. Forfeit,
 none. Plans and specifications filed.

FRAME DWELLING

(3796) N LAWTON 82-6 E 11th Ave E
 25xN 100. All work for two-story
 frame dwelling.

Owner.....George H. and Eda M.
 Williams, 1232 Willard,
 San Francisco.

Architect...A. Klahn.

Contractor...A. Klahn & Son, 27 Chen-
 ery, San Francisco.

Filed Nov. 11, '14. Dated Nov. 4, '14.

Frame erected\$625
 Brown coated 600
 Completed and accepted..... 825
 Usual 35 days..... 825
 TOTAL COST, \$3300

Bond, none. Limit, 90 days. Forfeit,

\$1. Plans and specifications filed.

ALTERATIONS

(3797) NO. 1740 PACIFIC. Install
 steam heating system with fire proof
 boiler room.

Owner.....A. Levy.

Architect...None.

Contractor...Atlas Heating & Ventilat-
 ing Co., 4th and Freelon,
 San Francisco.

COST, \$475

FRAME DWELLING

(3798) SW COTTER 275 E Mission.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....John C. Grant, S Cosa and
 J. D. Hynes, 550 Page, S. F.

Architect...None.

Contractor...J. C. Grant, S Cosa Ave.,
 San Francisco.

COST, \$1600

ADDITION

(3799) NO. 1787 LOMBARD. Add two
 rooms and bath.

Owner.....Harriett Ullmer, Premises.

Architect...None.

Contractor...J. J. Heaphy, 1721 Lom-
 bard, San Francisco.

COST, \$750

FRAME DWELLING

(3800) W SIXTH AVE 125 S Geary.
 One and one-half-story and basement
 frame dwelling.

Owner.....Oscar Heyman & Bro., 742
 Market, San Francisco.

Architect...None.

Day's work.

COST, \$1750

1 1/2 E DWELLING

(3801) N BROAD 1 1/2 W Plymouth.
 One story and basement frame dwlg.

Owner.....Jon. Wolf, 1 Plymouth,
 San Francisco

Architect...None

Day's work

COST, \$200

REPAIRS

(3802) NO. 776 HARRISON. Repair
 fire damage

Owner.....Hulse Bradford Co., 29
 Mission, San Francisco

Architect...None.

Day's work.

COST \$400

HOTEL

(3803) NO. 545 POST. Connect hotel
 buildings.

Owner.....Mrs. W. F. Morris, Prem.

Architect...None.

Day's work.

COST, \$400

FRAME DWELLING

(3804) SW MILTON 50 S Bosworth.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....MacArthur Bros., 1560 Fell
 San Francisco.

Architect...None.

Day's work.

COST, \$1800

FRAME DWELLING

(3805) SW MILTON 25 S Bosworth.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....MacArthur Bros., 1560 Fell

Architect...None.

Day's work.

COST, \$1800

FRAME DWELLING

(3806) SW MILTON 75 S Bosworth.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....MacArthur Bros., 1560 Fell

Architect...None.

Day's work.

COST, \$1800

FRAME DWELLING

(3807) SW MILTON & BOSWORTH.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....MacArthur Bros., 1560 Fell

Architect...None.

Day's work.

COST, \$1800

ALTERATIONS

(3808) N EIGHTEENTH 61 W Ord.
 Alter and add to dwelling.

Owner.....Wm. Wagner, 455 1/2 18th,
 San Francisco.

Architect...None.

Contractor...E. A. F. Carson, 4323 19th,
 San Francisco.

COST, \$2000

ALTERATIONS

(3809) NO. 3151 SACRAMENTO. Under-
 pin walls, concrete floor, strength-
 en roof, new wash basin, electric
 work and painting.

Owner.....Philip W. Tompkins et al

Architect...Welsh & Carey, Merchants
 National Bank Bldg., S. F.

Contractor...M. V. Brady, Monadnock
 Bldg., San Francisco.

COST, \$500

ALTERATIONS

(3810) W ELEVENTH AVE 25 S Lin-
 coln Way or 1255 11th Ave. Altera-
 tions, repairs and additions to flats.

Owner.....Chas. P. Shepherd, 1244
 11th Ave. San Francisco.

Architect...None.

Contractor...Rodine & Norman, 1852
 10th Ave., San Francisco.

COST, \$7850

(3811) N TWENTIETH 225 E Collingwood. Three-story and basement frame (5) flats.

Owner.....J. H. Palmer.

Architect...None.

Contractor...McCaushland Bros., 4173 23rd, San Francisco.
COST, \$7000

ALTERATIONS

(3812) NO. 233 GRANT AVE. Alter store fixtures.

Owner.....B. Joseph, Premises.

Architect...None.

Contractor...L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, \$800

FRAME DWELLING

(3813) E THIRTY-EIGHTH AVE 225 N Cabrillo. Two-story and basement frame dwelling.

Owner.....Alonzo A. Hicks, 125-B Carl, San Francisco.

Architect...None.

Contractor...E. E. Manseau, 1278 35th Ave., San Francisco.
COST, \$3586

ALTERATIONS

(3814) W EUREKA 100 S 15th. New foundation and underpin flats.

Owner.....W. B. Bush, 33 Diamond, San Francisco.

Architect...None.

Contractor...Higginson Co., Inc., 804 Humboldt Bank Bldg., S. F.
COST, \$1000

FRAME DWELLING

(3815) SE CLEMENT AND 36TH AVE. Two-story frame dwelling.

Owner.....L. E. Barnes, Geary and 37th Ave., S. F.

Architect...Coates & Traver, Head Bldg., San Francisco.

Contractor...Pockman & Co., Geary & 37th Ave., San Francisco.
COST, \$4000

FRAME FLATS

(3816) E THIRTY-FIRST AVE 100 N Clement. Two-story and basement frame (2) flats.

Owner.....Mrs. E. M. Adair, 382 31st Ave., San Francisco.

Architect...None.

Contractor...T. Roy Murray, 523 24th Ave., San Francisco.
COST, \$2900

ALTERATIONS

(3817) NOS. 1538-40 POLK. Alter one story brick stores.

Owner.....Nathan Delbanco, 2457 Scott, San Francisco.

Architect...Henry Shermund, Mills Bldg., San Francisco.

Contractor...L. Salomon, 1293 Ellis, San Francisco.
COST, \$1000

FRAME DWELLING

(3818) S GENEVA 152 E Paris. Two-story and basement frame dwelling.

Owner.....Harward & Chamberlin, 391 Laidley, San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.
COST, \$2000

FRAME FLATS

(3819) N CARL 175 W Clayton. Two-story and basement frame (2) flats.

Owner.....Bernard Hughes, 32 Carl, San Francisco.

Architect...None.

Contractor...John J. Nolan, 1665 Haight San Francisco.

COST, \$4000

REPAIRS

(3820) NO. 1507 VALENCIA. Repairs for garage.

Owner.....Schrader Estate Co., 1135 Guerrero, San Francisco.

Architect...A. Klahn, 27 Chenery, S. F.

Contractor...A. Klahn & Son, 27 Chenery, San Francisco.
COST, \$1900

FRAME DWELLING

(3821) SW MORSE AND ROLPH. One-story and basement frame dwelling.

Owner.....S. Wiley Winsor, 336 Central Ave., San Francisco.

Architect...None.

Contractor...Roberts & Woolfrey, 3168 21st, San Francisco.
COST, \$1800

RESIDENCE

(3822) SW BROADWAY & WEBSTER W 107-6x8 38-2½. Electric wiring for residence.

Owner.....S. Lowenstein, Kearny & Sutter, San Francisco.

Architect...G. Albert Lansburgh, M. A. Gunst Bldg., San Francisco.

Contractor...Butte Eng. & Elec. Co., 655 Howard, San Francisco.

Filed Nov. 11, '14. Dated Oct. 27, '14.

Wires drawn\$175

Completed and accepted..... 200

Usual 35 days..... 125

TOTAL COST, \$500

Bond, \$250. Surety, Guardian Casualty & Guaranty Co. Limit, 125 days. Forfeit, none. Specifications only filed.

FRAME DWELLING

(3823) E CAPISTRANO AVE 525 S San Jose Ave; Lot 22 Bk "A" Mission Terrace. All work for one-story and basement frame dwelling.

Owner.....Paul J. and Katharina Gulrich, 431 Alemany Ave., San Francisco.

Architect...None.

Contractor...Smith Bros., 46 Delano Ave., San Francisco.

Filed Nov. 12, '14. Dated Oct. 29, '14.

Frame up 25%

Brown coated 25%

Finish in place..... 25%

Usual 35 days..... 25%

TOTAL COST, \$2100

Bond, none. Limit, 90 days after Nov. 1. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3824) S IRVING 57 E 48th Ave. Alterations and additions to four-room cottage.

Owner.....Mrs. I. M. Cambridge, 4620 Irving, San Francisco.

Architect...None.

Contractor...J. J. Widmer.

Filed Nov. 12, '14. Dated Nov. 12, '14.

Frame up\$365

Plastered 365

Completed and accepted..... 365

Usual 35 days..... 365

TOTAL COST, \$1460

Bond, \$730. Sureties, H. Lottmann and H. F. Davis. Limit, 40 days. Forfeit, none. Plans and specifications filed.

REPAIRS

(3825) NO. 19 ASH AVE. Repair laundry.

Owner.....J. P. Cauhape, 624 Broderick San Francisco.

Architect...None.

Contractor...J. Pasqualetti, 785 Market San Francisco.

COST, \$500

ALTERATIONS

(3826) NO. 233 POST. Alter partitions in offices.

Owner.....Great Western Power Co. Premises.

Architect...None.

Contractor...Robinson & Gillespie, 1053 Sutter, San Francisco.
COST, \$3000

ELECTRIC SIGN

(3827) NO. 66 EDDY. Electric sign.

Owner.....Turner & Dankin, Prem.

Architect...None.

Contractor...Novelty Elec. Sign Co., 161 Eddy, San Francisco.
COST, \$400

FRAME GARAGE

(3828) N SACRAMENTO 201 W Taylor (rear). One-story frame garage.

Owner.....C. C. McKenzie, 1439 Sacramento, San Francisco.

Architect...None.

Contractor...J. Prout, 2020 Turk, S. F.
COST, \$1000

FRAME DWELLING

(3829) E TWENTY-FIRST AVE 75-2 S Santiago. One and one-half-story and basement frame dwelling.

Owner.....Miss Kate Symmes, 1204 E 15th, Oakland.

Architect...Oliver Evans, 3182 21st San Francisco.

Contractor...Ralph Morrison.
COST, \$1200

ALTERATIONS

(3830) NO. 740 MARKET. Alter and repair front for cigar stand.

Owner.....Mary McCreddie, SE Bush and Montgomery, S. F.

Architect...None.

Contractor...John Simmen Co., 6 Rausch, San Francisco.
COST, \$1200

BRICK BAKE OVEN

(3831) NO. 12 Harrington. Brick bake oven.

Owner.....F. Ghiotto, Premises.

Architect...None.

Contractor...G. Ingrassia, 110 Alta San Francisco.
COST, \$1300

FRAME DWELLING

(3832) SE FOOTE 50 E Ellington. One-story and basement frame dwelling.

Owner.....Thos. J. Emery, 2528 Mission, San Francisco.

Architect...None.

Contractor...Chas. Anderson, 226 Duncan, San Francisco.
COST, \$1350

FRAME FLATS

(3833) NO. BANNAN PLACE, off Union bet. Grant Ave and Stockton (rear). Two-story and basement frame (2) flats.

Owner.....G. Basozzi, Premises.

Architect...J. Devencenzi, 1069 Union, San Francisco.

Day's work.....
COST, \$2000

FRAME FLATS

(3834) E SANCHEZ 26-6 N 28th N 25th E 100. All work except lighting fixtures and window shades for two-story and basement frame flats.

Owner.....Della K. Farrell, 28th and Sanchez, San Francisco.

Architect...Jos. M. Geary, 2881 Post, San Francisco.
Contractor...Smith Bros., 56 Delano Ave., San Francisco.
Filed Nov. 13, '14. Dated Nov. 12, '14.
Frame up 25%
Brown coated 25%
Standing finish on 25%
Usual 35 days 25%

TOTAL COST, \$5550

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

CONCESSION BUILDINGS

(3835) EXPOSITION SITE. All work for constructing 4 concession bldgs. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...Edwin Symmes.

Contractor...Strehlow, Freese & Petersen, Exposition Site, S. F.
Filed Nov. 13, '14. Dated Oct. 30, '14.
As work progresses 75%
Usual 35 days 25%

TOTAL COST, \$10,000

Bond, \$6000. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, \$25. Plans and specifications filed.

FRAME BUILDING

(3836) S TWENTY-SIXTH 204-7 E Diamond E 40-9x114. All work for one-story and basement frame bldg. Owner.....Wm. and Mrs. Wm. Bergk, 4233 26th, San Francisco.

Architect...O. R. Thayer, 20 Montgomery, San Francisco.
Contractor...McMullin Von Voorhies Co
Filed Nov. 13, '14. Dated Nov. 9, '14.
Roof ready for shingles \$463
Finish plaster on 463
Completed and accepted 463
Usual 35 days 463

TOTAL COST, \$1852

Bond, \$926. Sureties, J. W. Schouten and J. H. McCallum. Limit, 50 days. Forfeit, none. Plans and specifications filed.

PAVILION OF PORTUGAL

(3837) EXPOSITION SITE. All work for frame building with plaster exterior (pavilion of Portugal). Owner.....S. L. da Silva Ferreira, Consul de Portugal, 347 Front, San Francisco.

Architect...A. Couta and Norman R. Coulter, 46 Kearny, S. F.
Contractor...Caldwell & Son, 150 Jessie St., San Francisco.

Filed Nov. 13, '14. Dated Nov. 12, '14.
Roof on and lathing done \$3000
Finished and accepted 4368
36 days after 2455
TOTAL COST, \$9823

Bond, \$6500. Surety, Pacific Coast Casualty Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

EXCAVATING, ETC

(3838) E BEALE 137-6 N Mission 91-8x137-6. Excavating and bulkheading. Owner.....S. S. Parsons.

Architect...Wright & Rushforth, 571 California, San Francisco.
Contractor...Sibley Grading & Teaming Co., 150 Jessie, S. F.

Filed Nov. 13, '14. Dated Nov. 11, '14.
Work one-half done \$400
Entire work done & accepted 425
Usual 35 days 275

TOTAL COST, \$1100

Bond, none. Limit, 3½ months from Nov. 14. Forfeit, \$5. Plans and specifications filed.

FRAME FLATS
(3839) E NINETEENTH AVE 175-8
Gentry 50x120. All work for two-story frame flat buildings.

Owner.....Lloyd Burley Ham, 411 O'Farrell, San Francisco
Designer...W. A. Savage, 1222 12th Ave., San Francisco.
Contractor...McCausland Bros., 411 23rd, San Francisco.

Filed Nov. 13, '14. Dated Oct. 27, '14.
Roofed and enclosed \$2500
Brown coated and rough plumb ing in 2500
Completed and accepted 5000
Usual 35 days 2500

TOTAL COST, \$10,000

Bond, \$5000. Sureties, C. H. and M. E. McCausland. Limit, 75 days from Oct. 29. Forfeit, none. Plans and specifications filed.

NOTE—One building will be erected E 19th Ave 200 S Geary.

FRAME RESIDENCE

(3840) E SIXTEENTH AVE 275-8 Anza 25x120. All work for two-story and basement frame residence. Owner.....S. M. and Margaret T. Beede, 762 Arguello Blvd., San Francisco.

Architect...None.
Contractor...James Welsh, 244 20th Ave., San Francisco.
Filed Nov. 13, '14. Dated Nov. 6, '14.
Rafters up \$309.50
Brown coated 909.50
Completed 909.50
Usual 35 days 909.50

TOTAL COST, \$3638.00

Bond, \$3500. Surety, Thos. Welsh. Limit, none. Plans and specifications filed.

FRAME RESIDENCE

(3841) E THIRD AVE 154 N Fulton N 25x E 120. All work except light fixtures and wall paper for two-story frame residence. Owner.....Leon E. Prescott, 236 Russ Bldg., San Francisco.

Architect...None.
Contractor...H. E. and T. W. MacArthur, 1560 Fell, S. F.
Filed Nov. 13, '14. Dated Nov. 12, '14.
Frame and roof up \$875
Brown coated 875
Completed 875
Usual 35 days 875

TOTAL COST, \$3500

Bond, none. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

FRAME STOREROOM

(3842) SE TENNESSEE AND 22ND. One-story frame storeroom. Owner.....Golden Gate Compressed Yeast Co.

Architect...None.
Contractor...C. W. Hansen, 110 Jessie, San Francisco.

COST, \$600

SHED, ETC.

(3843) NO. 12 HARRINGTON. Erect shed and construct bake oven. Owner.....F. Ghiotto, Premises.
Architect...None.
Day's work.

COST, \$500

ALTERATIONS

(3844) NOS. 2468 70 CALIFORNIA. General alterations and repairs to stable.

Owner.....Pacific Realty Co., 719 Chronicle Bldg., S. F.
Architect...None.
Contractor...James Caudley, 1370 Green J. W. Smith, 110 Jessie and

COST, \$1,000

ALTERATIONS

(3845) W ELLIKA 300 E 1st. Concrete foundation and underpin dwlg. Owner...M. Gorman, 6 Eureka, San Francisco.
Architect...None.
Contractor...A. Sauer, 119 Nor, S. F.

COST, \$1,000

FRAME BAGGAGE ROOM, ETC

(3846) THIRD, FORTYTH, TOWNSEND and King. One story frame baggage room and express building. Owner...Southern Pacific Co., Flood Bldg., San Francisco.
Architect...None.
Contractor...Southern Pacific Co.

COST, \$1,000

ALTERATIONS

(3847) E DIAMOND 278 S 7th. Concrete foundation and underpin dwlg. Owner.....Mrs. Turner, 75 Diamond, San Francisco.
Architect...None.
Contractor...B. Lewis, 41-A Doughess, San Francisco.

COST, \$100

FRAME AND PLASTER BUILDING

(3848) EXPOSITION SITE. Two-story frame and plaster building. Owner.....Collins McCarthy Candy Company.
Architect...None.
Day's work.

COST, \$2,000

CLUB

(3849) MERCHANTS' EXCHANGE Building. Lighting fixtures for S. F. Commercial Club. Owner.....San Francisco Commercial Club.

Architect...W. H. Ratchff Jr., 1st National Bank Bldg., Bkly.
Contractor...Bird-Rymer Co., 322 14th, Oakland.
Filed Nov. 11, '14. Dated Oct. 31, '14.
Monthly payments of 75%
Usual 35 days 25%

TOTAL COST, \$1459

Bond, \$1459. Sureties, Jesse Robinson, L. E. Chapin and Jas Cobbleclick. Limit Dec. 23, '14. Forfeit, \$5. Specifications only filed.

FRAME AND PLASTER BUILDING

(3850) EXPOSITION SITE. Frame & plaster building (Toyland Band Stand). Owner.....Frederick Thompson, New York.
Architect...Geo. W. Cotterill.
Day's work.

COST, \$—

PAVILION

(3851) EXPOSITION SITE. Erect pavilion. Owner.....Argentine Republic.
Architect...None.
Contractor...Boyle Robertson Constr. Co., Washington, D. C.

COST, \$100,000

LIFE SAVING STATION

(3852) EXPOSITION SITE. Iron and steel launchway and fenders, piles and walk for Fort Point Life Saving Station. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...The Thompson Bridge Co., 102 Main, San Francisco.

Filed Nov. 11, '14. Dated Nov. 3, '14.
 Payments as work progresses 75%
 Usual 35 days..... 25%
TOTAL COST, \$12,320
 Bond, \$7,000. Surety, National Surety Co. Limit, 120 days. Forfeit, \$15. Plans and specifications filed.

LIFE SAVING STATION
 (3853) EXPOSITION SITE. All work for moving and resetting of main station building, boat house and store house for Fort Point Life Saving Station.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect.....None.
 Contractor.....McSheehy Bros., 47 Langton, San Francisco.

Filed Nov. 14, '14. Dated Nov. 9, '14.
 As work progresses..... 75%
TOTAL COST, \$2,442
 Bond, \$15,000. Surety, Pacific Coast Casualty Co. Limit, 40 days. Forfeit, \$10. Plans and specifications filed.

FRAME UNDERTAKING PARLORS
 (3854) E VALENCIA 130 N 26th E 117-6xN 65. Excavation, concrete, Patent chimneys, lumber, roofing, window shades, mill, glazing, tiling, galvanized iron, marble, hardware, plastering for one-story frame undertaking parlor.

Owner.....Chas. Warren Welch Est. Company, Inc.,
 Architect.....H. Gelfuss & Son, 46 Kearny, San Francisco.
 Contractor.....S. B. Kress, 2039 Green, San Francisco.

Filed Nov. 11, '14. Dated Nov. 5, '14.
 Frame up \$1200
 Brown coated 1300
 White coated and outside completed 1300
 Completed and accepted..... 1310
 Usual 35 days..... 1740
TOTAL COST, \$6,950
 Bond, \$3,500. Sureties, Chas. A. Carillon and Jno. Cassaretto. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

FRAME BUILDING
 (3855) NW CALIFORNIA AND HYDE 87.6x87.6. Installation of 16 Marshall & Stearns Co. portal wall beds and 32 M. & S. Co. Murphy type wall beds for building.

Owner.....Geo. G. Gustave A. and Louis R. Katz, Lena S. Kalben and Frieda Sherwood, California Market, San Francisco.
 Architect.....Herman Barth, 12 Geary, San Francisco.

Contractor.....Marshall & Stearns, Pheasant Bldg., San Francisco.
 Filed Nov. 14, '14. Dated Nov. 13, '14.
 Bed fronts and frames delivered 1/4
 Installed and accepted..... 1/4
 Usual 35 days..... Balance
TOTAL COST, \$1,666

Bond, \$832. Sureties, N. P. Douglass and H. B. Stearns. Limit, forfeit, plans and specifications, none.

FRAME APARTMENTS
 (3856) S FILBERT 125 E Polk E 25x S 125. Plumbing for two-story frame apartments.

Owner.....Louisa F. and Gertrude F. Bray, 1355 Vallejo, S. F.
 Architect.....C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
 Contractor.....Theo. Wetzel, 110 Jessie, San Francisco.

Filed Nov. 11, '14. Dated Nov. 6, '14.
 Roughed in \$201
 Completed and accepted..... 201
 Usual 35 days 134
TOTAL COST, \$536
 Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3857) PAINTING ON ABOVE.
 Contractor.....A. Gradin.
 Filed Nov. 14, '14. Dated Nov. 6, '14.
 One-half work done..... \$200.25
 Completed and accepted..... 201.00
 Usual 35 days..... 133.75
TOTAL LCOST, \$535.00

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3858) CARPENTER, MILL, EXCAVATION, concrete, sheet metal, glazing, lath and plaster on above.
 Contractor.....R. Glaze, Humboldt Bank Bldg., San Francisco.
 Filed Nov. 14, '14. Dated Nov. 6, '14.
 Roofing on \$1225
 Brown coated 1225
 Completed and accepted..... 1225
 Usual 35 days..... 1225
TOTAL COST, \$4,900

Bond, none. Limit, 75 days after Nov. 16. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Nov. 14, 1914—SW EMBARCADERO 137-6 SE Market SE 91-8xSW 80. Savings Union Bank & Trust Co as to improvements on leased property.
 Nov. 14, 1914—NO. 55 THIRD. The R R Thompson Estate Co as to improvements on leased property.
 Nov. 10, 1914—NW GEARY AND W Grant Ave W 40 N 50 E 40 S 50. Mary Marsicano and W W Anderson as to improvements on leased property.
 Nov. 11, 1914—N GEARY 80-7 1/2 E Grant Ave E 29-4 1/2 E 2-6 E 15 N 60 W 75 S 62-6 E 20-7 1/2 S 60. Whittell Realty Co as to improvements on leased property.

INCORPORATIONS.

Marpess Mining Company. General mining and milling business. Capital Stock, \$250,000; 250,000 shares at \$1.00 each; amount subscribed, \$5. Place of business, San Francisco. Directors—P. G. Chamberlain, R. J. Niquette, W. Mandler, N. Coppel and O. I. Hill 1 share each.

Marshall-Campbell Auto Service Co. To own and operate a line of cabs, carriages, taxicabs and autos. Capital Stock, \$100,000; 1000 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—E. A. Potter, Fred Owen and M. N. Cure, 1 share each.

S. Meyer & Co., Inc. To deal in ladies' wearing apparel. Capital Stock, \$25,000; 250 shares at \$100 each; amount subscribed, \$300. Place of business, San Francisco. Directors—Simon Meyer, J. Willer and E. Meyer, 1 share each.

Holtermann's Electric Shop. General electric supply fixture and appliance business. Capital Stock, \$5,000; 50 shares at \$100; amount subscribed, \$2,400. Place of business, San Francisco. Directors—F. E. Holtermann, J.

shares each.
 J. Holtermann and R. J. Holtermann, S.

ARCHITECT'S CERTIFICATE.

Nov. 10, 1914—John Reid, Jr., has filed his certificate of architecture for San Francisco County.

INCORPORATIONS.

Southern Orchestra Co. Capital Stock, \$50,000; subscribed; \$300; shares \$100 each. Directors—G. C. Ringolsky, J. M. Bloomer, R. E. Clark, 1 share each. Place of business, S. F.

Cass & Davis. Capital Stock, \$25,000; subscribed, \$5; shares, \$1 each. Director—W. H. Cass, E. Cass, M. M. Salmon, M. E. Davis, H. Goldman 1 share each. Place of business, S. F.

Kern Valley Reclamation Co. Capital Stock, \$340,881.60; subscribed, \$68,176.32; shares, \$5 each. Directors—Miller & Lux, Inc., 64,336.32 shares. Carmel Cattle Co, 3,840 shares. Place of business, San Francisco.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
 Nov. 2, 1914—LOT 6 Ptn Lot 7, West Clay Park; No. 2144 Lake. Mollie M Marks to McNab & King. Nov. 2, 1914.
 Nov. 2, 1914—MONTGOMERY NO. 14 at intersection of Montgomery, Post and Market. Wells Fargo Nevada National Bank to Ed Mooney.....Nov. 2, 1914
 Nov. 2, 1914—S TWENTY-THIRD 50 W Kansas. John J Binet Co to whom it may concern.....Oct. 29, 1913
 Nov. 2, 1914—S SUTTER 87-6 E Montgomery S 124-9 being the point of intersection with N line of Lot to be occupied by building; th S 62-7 W 25 S 83-11 1/2 th along Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to Fordeir Cornice Works.....Oct. 30, 1914
 Nov. 2, 1914—LOT 35 BLK 6 Crocker Amazon Tract. A H Meyer to whom it may concern.....Oct. 24, 1914
 Nov. 2, 1914—LOT 36 BLK 6, Crocker Amazon Tract. Andrew Olson to whom it may concern. Oct. 24, 1914
 Nov. 2, 1914—LOT 23 BLK 17-A The C S Allred Sub Blks 17 and 18 West End Map No. 1. Dominic Tiscornia to whom it may concern.....Oct. 31, 1914
 Nov. 2, 1914—W SIXTH 125 S Howard S 25xW 155. H and I Wolf to Heckmroth & Schell.....Completed
 Nov. 2, 1914—GROSH HOTEL BLDG. M D Grosh, E G Larzelere and Louise M Sage to Otis Elevator Co, Nov. 2; Vermont Marble Co., Nov. 2; Otis Elevator Co. Nov. 2, 1914
 Nov. 4, 1914—N CLARA 175 W Rich W 25xN 75. Sarah K and Frank Shibley to A Sarraile and S Lagomarsino.....Completed
 Nov. 4, 1914—SE MARKET 45 SW 2nd SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Chas Schlessinger to B C Van Emon, Inc.....Nov. 2, 1914
 Nov. 4, 1914—E TEXAS 100 N 19th N 25x100. Peter Smith to B W Demarais.....Nov. 3, 1914
 Nov. 4, 1914—S LOMBARD 220 W Grant Ave W 25xS 90. Raffaello and Filomena Pierotti to V Filippi.....Nov. 4, 1914

SAN FRANCISCO COUNTY.

Nov. 1, 1914—W SEVENTEENTH AV
7201 N. Clarendon St. (N. 72nd St.)
Eureka Sash Co. (East Ave. 72nd St.)
Mills vs. Michael C. (East 72nd St.)
Peacock 4000
Nov. 1, 1914 N. SAN JOSE AV
1114 NE 11TH ST. NW 100 ST. E.
Noted name of S. P. R. in their

Get It From Bacon



"A Mix a Minute"
BIG-AN-LITTLE BATCH CONCRETE MIXER.

Just the thing for mixing concrete for foundations, bridges, walls, culverts, etc.

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San Francisco

SCHRADER
INC. **IRON WORKS**

Structural Steel Contractors

Works at
**HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Market 337

1 SE 74 m or 1 SW 52 m or 1 pt
Belle Roche City, being Lots 9 and
10 Blk 6777. J H Kruse vs Vir-
ginia and Elizabeth Ferra and J
Ehat\$313.80
Nov. 5, 1914—SE GREENWICH &
Baker E 94xS 24. J H Kruse,
\$766.91; Builders Supply Depot,
\$192.50 vs Margt. and A Coleman
and E B Johnson.....
Oct. 31, 1914—SE GREENWICH &
Nov. 6, 1914—LOT 432 Gift Map No. 1
Hauptman Lumber Co vs Chas W
Anderson\$90.03
Nov. 7, 1914—SE HOFFMAN AVE &
23rd S 26-6xE 90. Coefield Mfg Co
vs Fritz and Katharina Wendt. \$42
Nov. 9, 1914—NW POTRERO AVE &
Mariposa N 100xW 100. Clarence
N Wolfe as Wolfe Lumber & Hard-
ware Co vs Gus Meier, Minnie
Meier, The John Center Co and
Municipal Hotel Co.....\$421.50
Nov. 9, 1914—LOT 432 Gift Map No. 1
2. Aene Lumber Co vs Chas W
Anderson\$165.20
Nov. 9, 1914—LOT 432 Gift Map No. 2.
George Ryan vs Chas W Anderson
.....\$210.60
Nov. 9, 1914 N Irving 220 W 6th Ave

W 125x140. T W W Forrest and J
B Wythe vs Southern Pacific Co
and Sanroc Mfg Co.....\$656
Nov. 9, 1914—SW BROADWAY AND
Powell 93-6x100. T Loncono vs
Kate Wetmore, George J Panario,
trustee Italian American Bank...
.....\$1082.71
Nov. 10, 1914—W POLK 60 N Chest-
nut. J S Guerin (as J S Guerin &
Co) vs S Arrighi and Sam Alto-
nari\$23.35
Nov. 10, 1914—N SUTTER 100 W
Powell W 37-6xN 137-6. Wm H
Healy and Chas C Horton (as
Standard Crushed Rock Co) vs M D
Grosh, E G Larzelere, Louise M
Sage and Jas L Brown.....\$607.37
Nov. 10, 1914—LOT 432 Gift Map No.
2. J H Kruse vs Chas W Anderson
.....\$59.88
Nov. 11, 1914—SW GILMAN AVE 225
NW Jennings NW 25xS W100 Blk
550 Bay Park Addn. Geo A Adams
(in favor of Bay City Lumber Co).
vs Amelia or Mary Benz.....\$55.43
Nov. 11, 1914—NW BRUNSWICK 153
SW Lowell — 25 NW 213 NE 25 —
215 Lots 52 and 53, West End Hd
Ass'n. Geo W Peck vs Abraham

Clemo, Nellie Clemo and Chas J
King\$500
Nov. 12, 1914—N SUTTER 100 W
Powell 37-6x137-6 (Grosh Hotel)
James L Brown, Inc vs M D Grosh,
E G Larzelere and Louise M Sage
.....\$10,734.51
Nov. 12, 1914—N SUTTER 100 W
Powell A. 37-6xN 137-6. Hooper
Lumber Co vs M D Grosh, Louise M
Sage, E G Larzelere and Jas L
Brown\$536.3

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and
base, frame, \$25,000. Oakland, Cal.
Architect, F. D. Voorhees, Central
Bank Bldg., Oakland. Owner's name
withheld. The building will be erect-
ed at the corner of 41st and Mont-
gomery streets, and will cover a large
ground area. Plans provide for a total
of sixteen suites arranged in two and
three room apartments. Interior fin-
ish will be largely of pine and red-
wood with some elm panels. Hard-
wood floors will be used in the living
and dining rooms. There will be steam
heat and a hot water supply. All
apartments will have wall beds and
private bath rooms. Entrance will be
finished in tile and marble. Bath rooms
will have tile wainscot and composi-
tion floors. Exterior of the building
will be covered with cement plaster on
metal lath. Plans are complete and
figures are now being taken by the
architect.

BANK ALTERATION—1 story and
base, Class C, \$10,000. Berkeley, Al-
ameda Co., Cal. Architect, W. H. Rat-
cliff, Jr., First National Bank Bldg.,
Berkeley. This work will consist of
the installation of two new bank
vaults, new interior finish, plastering,
marble work, electric wiring, plumb-
ing and lighting fixtures. Complete
new bank fixtures will also be in-
stalled. Little or no exterior work is
required. Plans are complete and fig-
ures are now being taken.

WHARF REPAIRS—Cost not stated.
Oakland, Cal. Engineer, City Engi-
neer, Oakland. Owners, City of Oak-
land. Plans are complete for repairs
to the deck of the Franklin street
wharf and figures are now being
taken. Bids will be opened by the
City Council on November 19th. Plans
and specifications can be secured from
the office of the City Clerk, Frank M.
Smith.

RESIDENCE—1 story and base, con-
crete block. Cost not stated. Berke-
ley, Alameda Co., Cal. Architect, John
Hudson Thomas, First National Bank
Bldg., Berkeley. Owner, C. J. Boise.
The dwelling will be erected in Crag-
mont and has been designed to contain
six rooms and bath. Interior will be
finished in pine and redwood. Hard-
wood floors will be used in the dining
room and living room. There will be
furnace heat and open fire places.
Mantels will be of tile or brick. An
automatic water heater will be in-
stalled. Bath room will have tile
wainscot. Exterior of the house will
be faced with cement plaster. Plans
are nearly complete and figures will
be called for shortly.

RESIDENCE—2 story and base,
frame, \$20,000. Oakland, Cal. Archi-
tect, Albert Caudwell, 2 West 17th
street, New York. Owners, Ada M.
Ayers and Florence Pearson. The
dwelling has been designed for a

the residence and will be erected eleven and Alhita avenues. Each wing will contain eight rooms and a bath. Interiors will be finished in redwood and hardwoods with white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system open fire places. Mantels will be tile and brick. Bath rooms will be tiled in tile with composition floor showers. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the hands of the owners who are giving figures on the work.

RESIDENCE—2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, H. P. Smith, Bacon Bldg., Oakland. Owner, R. R. Patterson, 2187 Shattuck avenue, Berkeley. The dwelling will be erected on Benvenue avenue and has been designed for an eight-room house. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath room will be finished in tile. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

UNIVERSITY BUILDINGS Class A construction, \$1,800,000. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 604 Mission street, S. F. Owners, University of California. Work will be commenced upon the new buildings soon after the beginning of the new year, and within three years the campus will be the pride of every Californian. The unsightly recitation building known as North Hall which has been in use for nearly half a century, will have been torn away and replaced by a new granite and steel structure in conformity with the general architectural plan. The partially finished Doe Library will be built up according to the original plans. The needs of the Department of Agriculture will be cared for through the construction of one and possibly two more granite buildings in the "Agricultural Group," where hereafter all of the branches of this department will be housed, instead of occupying cramped quarters in attics and made-over horse-sheds, as at present. Facilities for an almost endless extension of the correspondence courses in Agriculture, which are now reaching tens of thousands of people, will be provided in the new buildings. It is planned to make this bureau one of the most thorough and valuable adjuncts of the Greater University. Finally, there is to be erected one wing of what will eventually be a great Chemistry Building, where every facility for instruction in this science will be provided. When these improvements are completed, California may justly lay claim to proprietorship of one of the greatest universities in America, not only in size and numbers but in beauty and service.

RESIDENCE—1½ story and base, frame, \$3,800. Oakland, Cal. Architects, Elite Planners, 1544 5th avenue, Oakland. Owner, Frank Hayward. The dwelling will be erected in Rockridge Park, and has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Automatic water heaters will be installed. Bath rooms will be finished in tile with composition floors. Wall will be used. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans also provide for steam heat with an oil burn-furnace. Plans are complete and figures are being taken.

CITY HALL LIGHTING FIXTURES 1,700. Oakland, Cal. Architects, Her & Hornbostel, New York, J. J. Ryan Supervising Architect, Oakland. Owners, City of Oakland. Bids for the special lighting fixtures for

the City Hall Rotunda, Council Chambers and Mayor's Chambers were received by the City Council. The lowest bid was that tendered by H. S. Tittle, a San Francisco firm, the offering \$24,700. There were four other bidders as follows: Thomas Day Co., \$27,500; Tiffany Studio, \$24,700; Maxwell Hardware Co., \$45,000, and the English Co., \$39,262. The bids were referred to the legal department of public works.

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the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2509	Legris	Legris	100
2509	Anderson	Anderson	100
2509	Nittler	Nittler	100
2509	Miller	Miller	100
2509	Hannberg	Owner	100
2509	Thompson	Owner	100
2509	Blythe	Blythe	100
2509	Clark	Clark	100
2509	Turner	Bay City Bldg	100
2509	Williams	Kellogg	100
2509	Siebs	Siebs	100
2509	Smith	Smith	100
2509	Woodburn	Woodburn	100
2509	Lippell	Woodburn	100
2509	Stephens	Stephens	100
2509	Synd	MacDonnell	100
2509	Synd of Mo	Synd	100
2509	Alcaraz	Silva	100
2509	McClune	Schmely	100
2509	Holmes	Holmes	100
2509	Same	Same	100
2509	Same	Same	100
2509	Both	Both	100
2509	Barker	Schmidt	100
2509	James	James	100
2509	Sing Sang	Booley	100
2509	Rifle	Rifle	100
2509	N Y Cloak	Kulchar	100
2509	Oakland	Nall	100
2509	Corronda	Hollenbeck	100
2509	Poster	Foster	100
2509	Hartman	Larsen	100
2509	Harmon	Lydeksen	100
2509	White	Kulchar	100
2509	Higgins	Higgins	100

DWELLING
(2509) S FORTY-FIFTH 110 E Market, Oakland. One-story 5-room dwlg. Owner.....J. H. Legris, 612 4th, Okld. Architect.....None. Day's work.....COST, \$1800

DWELLING
(2509) SE FORTY-THIRD & SHAF-ter Ave., Oakland. One-story six-room dwelling. Owner.....A. P. Anderson, 622 47th, Oakland. Architect.....None. Day's work.....COST, \$2500

DWELLING
(2501) N CONGRESS AVE 900 E Courtland, Oakland. One-story 4 room dwelling. Owner.....N. Nittler, 2159 51st Ave., Oakland. Architect.....None. Day's work.....COST, \$1750

ADDITION
(2502) NO. 2439 PERALTA AVE., Oak-land. Addition. Owner.....J. R. Millar, Premises. Architect.....None. Contractor, Roy B. Latton, 1526 26th Ave., Oakland. COST, \$750

BRICK GARAGE
(2505) W BROADWAY 56 N 10th Oakland. One-story brick garage. Owner.....A. Hannaberg, 1494 Alce, Oakland. Designer, Leo L. Nichols, 1st Trust Bldg., Oakland. COST, \$1000

DWELLING
(2507) NO. 3650 BROADWAY Oak-land Two-story 6-room dwlg. Owner.....E. S. Thompson & Son, Premises. Architect.....None. Day's work.....COST, \$1800

(1708) NO. 1426 WEST, Oakland. Fire repairs.
Owner.....Miss E. Blythe, Premises.
Architect...None.
Day's work. COST, \$500

ADDITION
(2709) S MADELINE 180 W Maple Ave Oakland. Addition.
Owner.....A. E. Clark, 3456 Fruitvale Ave., Oakland.
Architect...None.
Day's work. COST, \$500

ALTERATIONS
(2710) E BROADWAY N 15th, Oakland. Roofing and dampproofing.
Owner.....Turner & Dahlinkin, Okd.
Architect...None.
Contractor...Bay Cities Roofing Co., 1706 Telegraph Ave., Okd.
COST, \$500

DWELLING
(2711) E EIGHTY-FIFTH AVE 120 N Birch, Oakland. One-story 5-room dwelling.
Owner.....Mrs. G. J. Williams, 1912 85th Ave., Oakland.
Architect...None.
Contractor...H. N. Kellogg, 1344 87th Ave., Oakland.
COST, \$550

GARAGE
(2715) NO. 740 THIRTY-FIFTH, Oakland. Garage.
Owner.....Wm. A. Siebe, Shell Mound Park, Oakland.
Architect...None.
Day's work. COST, \$400

DWELLING
(2716) NE BROOKDALE & COURTland Ave., Oakland. One-story seven room dwelling.
Owner.....O. G. Smith, 4411 Walnut Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

DWELLING
(2717) W VISTA 150 N Wellington, Oakland. One-story 6-room dwlg.
Owner.....Paul E. Woodburn, 3965 Greenwood Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2718) E THIRTY-FIFTH AVE 75 N Penniman Ave., Oakland. One-story 4-room dwelling.
Owner.....Bessie M. Lippincoll, 1510 Franklin, Oakland.
Architect...None.
Contractor...Geo. K. Holloway Sr., 2119 45th Ave., Oakland.
COST, \$500

FRAME MILK HOUSE, ETC
(2723) SE SIDE ROAD LEADING from Mission San Jose to Warm Springs known as Stephens Tract, Mission San Jose. All work for 1-story frame milk house and refrigerator.
Owner.....A. Stephens.
Architect...None.
Contractor...F. C. Griffin & Sons.
Filed Nov. 11, '14. Dated Nov. 2, '14.
Completed and accepted.....\$2784
TOTAL COST, \$2784
Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

BRICK SHOP
(2724) WEST OAKLAND, Oakland.

All work for two-story car lighting shop.
Owner.....Southern Pacific Co.
Architect...None.
Contractor...Macdonald & Kahn, Rialto Bldg., San Francisco.
Filed Nov. 11, '14. Dated Nov. 6, '14.
Once a month.....75%
Usual 35 days.....25%
TOTAL COST, \$9825
Bond, \$5000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Specifications only filed.

DWELLING
(2726) NE BRANN 300 NW 64th Ave., Oakland. Two-story 10-room dwlg.
Owner.....California & Nevada District German Evan. Lutheran Synod of Missouri, Ohio and other states.
Architect...Frederick D. Boese, 45 Kearny, San Francisco.
Contractor...E. W. Woodard.
COST, \$4800

DWELLING
(2728) NO. 2014 E-TWENTY-FIFTH, Oakland. One-story 6-room dwlg.
Owner.....Jesse P. Algarva, Prem.
Architect...None.
Contractor...Silva & Luzane, 2869 Ford, or 2516 Poplar, Oakland.
COST, \$1630

ALTERATIONS
(2729) NO. 382 LAKE SHORE AVE., Oakland. Alterations.
Owner.....J. W. McClunie, Premises.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgrift, 6th and Jackson, Oakland.
COST, \$500

DWELLING
(2731) E HADDON ROAD 105 N Athol Ave., Oakland. One-story 6-room dwelling.
Owner.....A. S. Holmes, Dalziel Bldg., Oakland.
Architect...None.
Day's work. COST, \$3000

DWELLING
(2735) E HADDON ROAD 130 S Brooklyn Ave., Oakland. One and one-half-story 7-room dwelling.
Owner.....A. S. Holmes, Dalziel Bldg., Oakland.
Architect...None.
Day's work. COST, \$3500

DWELLING
(2736) E HADDON ROAD 260 S Brooklyn Ave., Oakland. One-story 5-room dwelling.
Owner.....A. S. Holmes, Dalziel Bldg., Oakland.
Architect...None.
Day's work. COST, \$2800

DWELLING
(2737) S MONTANA 130 W Fruitvale Ave., Oakland. One-story 5-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

FRAME DWELLING
(2741) LOT 67 Crocker Tract on Sea View Ave opp Farragut Ave., Piedmont. All work except elevator, furnace, water heater, plumbing and

gas fitting for two-story and basement frame dwelling.
Owner.....Mary S. Barker, 1229 Castro, San Francisco.
Architect...Clinton Day, Nevada Bldg., San Francisco.
Contractor...P. N. Schmidt, 1372 Versailles, Alameda.
Filed Nov. 12, '14. Dated Nov. 12, '14.
As work progresses.....75%
Completed and accepted balance of.....75%
Usual 35 days.....25%
TOTAL COST, \$16,087

Bond, \$8043.50. Surety, Chicago Bonding & Surety Co. Limit, March 10, 1915. Forfeit, \$20. Plans and specifications filed.

SHED AND STORE ROOM
(2742) W THIRTEENTH AVE 115 S E-19th, Oakland. Two-story 4-room shed and store room.
Owner.....Stewart James Co., 1833 35th Ave., Oakland.
Architect...None.
Contractor...A. D. Howard, 7324 Weld Oakland.
COST, \$500

BRICK SHED
(2743) NO. 419-25 NINTH, Oakland. Brick shed.
Owner.....Sang Sang Co., 427 9th Oakland.
Architect...None.
Contractor...E. E. Dooley, 4037 Quigley Oakland.
COST, \$10

FRAME DWELLING
(2744) LOT "E" BLK 2 Highland Sbdv No. 1, Adams Point Ppty, Oakland. All work for one-story frame dwelling.
Owner.....Franklin Riffle & wife, 54 Clayton, San Francisco.
Architect...None.
Contractor...Edwin C. Graff, Dowling Blvd. Cor. Beverley Ave. Oakland.
Filed Nov. 13, '14. Dated Nov. 4, '14.
Frame up.....\$82
Frown coated.....32
Completed.....94
Usual 35 days.....62
TOTAL COST, \$3242
Bond, none. Limit, 90 days after Nov 11. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2745) NO. 1212 WASHINGTON, Oakland. Alterations.
Owner.....N. Y. Cloak & Suit Co., 1212 Washington, Oakland.
Architect...None.
Contractor...S. Kulchar & Co., 518 41st Oakland.
COST, \$50

SCHOOL
(2746) SW FORTY-EIGHT AN Webster, Oakland. One-story 2-room school.
Owner.....Oakland School Dept.
Architect...None.
Contractor...Geo. C. Nail, 930 41st, Okd.
COST, \$102

DWELLING
(2747) E HADDON ROAD 380 N Excelsior, Oakland. One-story 6-room dwelling.
Owner.....A. Cordona, 2329 Taylor Terrace, Oakland.
Architect...None.
Contractor...G. B. Hollenbeck, 521 Fairfax Ave., Oakland.
COST, \$240

RAGE
(48) NO. 4235 TERRACE, Oakland.
Garage.
ner.....J. E. Foster, Premises.
chitect...None.
y's work. COST, \$400

VELLING
(49) NO. 3351 ELMWOOD AVE.,
Oakland. One-story 5-room dwelling
ner.....S. Hartman, 1212 34th Ave
Oakland.
chitect...None.

Contractor...R. K. Larsen, 3341 Elm-
wood Ave., Oakland.
COST, \$1800

ORES
(50) NW FRUITVALE AVE AND
2-Tenth, Oakland. One-story four-
room stores.
ner.....A. K. P. Harmon, Cor. E-
14th and 29th Ave., Okd.
chitect...None.

Contractor...Geo. H. Lydixsen, 1244
29th Ave., Oakland.
COST, \$3000

TERATIONS
(51) NO. 88 VERNON, Oakland.
Alterations.
ner.....W. T. White, Premises.
chitect...None.
Contractor...S. Kulchar & Co., 518 4th.
Oakland.
COST, \$500

VELLING
(52) S FORTY-SECOND 80 E Lusk,
Oakland. One-story 5-room dwlg.
ner.....E. L. Higgins, 3250 Miles
Ave., Oakland.
y's work. COST, \$1800

Building Contracts Awarded.

Berkeley.

	Owner	Contractor	Amt.
08	Takashashi	Masada	500
03	Charles	Nelson	4040
04	Torrey	Thaxter	3000
06	Fissis	Luoma	400
02	Doughty	Morse	1000
13	McElhinney	Jessiman	4000
14	Barker	Armstrong	17000
19	Janssen	Janssen	2000
20	El Dorado Oil	C C C C	2500
21	Knox	Reichel	400
22	Don Carlos	Diggs	8000

ODITION
(398) N HASTE 155 E Shattuck Ave.,
Berkeley. Addition
ner.....C. Takashashi, 2117 Haste
Berkeley.
chitect...None.
Contractor...K. Masada, 2115 1/2 Chan-
ning Way, Berkeley.
COST, \$500

VELLING
(703) N WARD 150 E Telegraph
Ave., Berkeley. Two-story 9-room
dwelling.
ner.....F. G. Charles, 2530 Regent,
Berkeley.
chitect...None.
Contractor...H. P. Nelson, 2241 Grove,
Berkeley.
COST, \$4040

VELLING
(704) NW CLAREMONT AVE AND
Prince, Berkeley. Two-story 9-room
dwelling.
ner.....Janet S. Torrey, 2847
Prince, Berkeley.
chitect...None.

BUILDING AND INDUSTRIAL NEWS

Contractor...F. W. Thaxter, 2174 Ash-
by Ave., Berkeley.
COST, \$3000

(2706) — TENTH 100 W San Pablo
Ave., Berkeley. Alterations.
Owner.....Fissis Comres Society,
Premises.
Architect...None.
Contractor...Eell Luoma, 1911 Ashby
Ave., Berkeley.
COST, \$400

ADDITION
(2712) E DEAKIN 126 S Webster,
Berkeley. Addition.
Owner.....Mrs. Walter V. Doughty,
3033 Deakin, Berkeley.
Architect...None.
Contractor...T. O. Morse, 3040 Halcyon
Berkeley.
COST, \$1000

VELLING
(2713) N VIRGINIA 90 E Spruce,
Berkeley. Two-story 8-room dwlg.
Owner.....J. M. McElhinney, Hotel
Denniston, San Francisco.
Architect...None.
Contractor...J. W. Jessiman, 339 Bart-
lett, San Francisco.
COST, \$4000

BRICK STORES
(2714) SW HASTE AND SHATTUCK
Ave., Berkeley. One-story brick
stores.
Owner.....J. L. Barker, Dwight Way
near Shattuck, Berkeley.
Architect...None.
Contractor...F. E. Armstrong, 2249
Hearst Ave., Berkeley.
COST, \$17,000

DWELLING
(2719) E GRANT 93 S Berkeley Way,
Berkeley. One-story 5-room dwlg.
Owner.....E. A. Janssen, 929 Hearst
Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000

CLASS "A" FACTORY
(2720) S BRISTOL 100 W Third, Ber-
keley. One-story 1-room Class "A"
factory.
Owner.....El Dorado Oil Works, 2nd
and University Ave., Bkly.
Architect...None.
Contractor...Contra Costa Constr. Co.,
2323 Shattuck Ave., Bkly.
COST, \$2500

ADDITION
(2721) W BENVENUE 200 S Derby,
Berkeley. Addition.
Owner.....C. C. Knox, 2722 Benvenue
Ave., Berkeley.
Architect...None.
Contractor...Paul R. Reichel, 1626
Josephine, Berkeley.
COST, \$400

DWELLING
(2722) NE PIEDMONT AND ASHBY
Aves., Berkeley. Two-story 10-room
dwelling.
Owner.....H. E. Don Carlos, 2520
Cedar, Berkeley.
Architect...M. I. Diggs, 2444 Bowditch
Berkeley.
Contractor...I. P. Diggs, 224 Bowditch
Berkeley.
COST, \$8000

Building Contracts Awarded.

Alameda.

2723	Wilson	Verriek	400
2724	Nissen	Delaney	3000
2726	Cole	Cole	100
2727	Bishop	Omoo	430
2732	McDaniel	Rodger	400
2733	Noble	Noble	1800
2738	Strang	Strang	1000
2739	Blanding	MacRae	400
2740	Strang	Strang	3000

DWELLING
(2725) NO. 1335 CAROLINE, Alameda.
One-story 5-room dwelling.
Owner.....J. F. Wilson.
Architect...None.
Contractor...A. J. Verriek.
COST, \$2450

DWELLING
(2727) NO. 1418 MOUND, Alameda.
One-story 6-room dwelling.
Owner.....Mrs. D. Nissen, 1219 Santa
Clara Ave., Alameda.
Architect...None.
Contractor...Delaney & Randlett, 2302
Central Ave., Alameda.
COST, \$3500

DWELLING
(2730) NO. 3251 RAYO VISTA AVE.,
Alameda. One-story 6-room dwlg.
Owner.....M. T. Cole, Syndicate Bldg
Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS
(2731) NO. 1015 SHERMAN, Alameda.
Alterations.
Owner.....J. H. Bishop, 1810 Allen,
Oakland.
Architect...None.
Contractor...F. Omo & Sons, 2128 11th
Ave., Oakland.
COST, \$400

ALTERATIONS
(2732) NO. 620 SANTA CLARA AVE.,
Alameda. Alterations.
Owner.....W. A. McDaniel, 442 65th.
Oakland.
Architect...None.
Contractor...A. B. Rodger, 816 33rd,
Oakland.
COST, \$1000

DWELLING
(2733) NO. 1639 BROADWAY, Alameda
One-story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central
Ave., Alameda.
Architect...None.
Day's work. COST, \$1800

DWELLING
(2735) NO. 805 PACIFIC AVE., Ala-
meda. One-story 5-room dwelling.
Owner.....F. N. Strang, 1334 8th, Ala.
Architect...None.
Day's work. COST, \$2800

ADDITION
(2739) NO. 1259 ST. CHARLES, Ala-
meda. Addition.
Owner.....H. B. Blanding, Prem.
Architect...None.
Contractor...Chas. MacRae, 2315 En-
cinal Ave., Alameda.
COST, \$400

DWELLING
(2740) NO. 801 PACIFIC AVE., Ala-
meda. One-story 5-room dwelling
Owner.....F. N. Strang, 1334 8th, Ala.
Architect...None.
Day's work. COST, \$2000

NOTICE OF NON-RESPONSIBILITY.

Nov. 11, 1914—NE NINETEENTH & San Pablo Ave 50x100, Okd. W V Wither Jr and Rita and Frances Wither as to improvements on leased property

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 2, 1914—SW LINDA AVE AND NW Glen Ave SW 40xNW 100, Okd. C Alice Johnston to H M Swalley

Nov. 2, 1914—N BERRYMAN 85 E Henry E 50xN 120. John G Howell to Jacob Kollmer

Nov. 4, 1914—LOT 107 Amended Map Miles Ave 37-6x106, Okd. A T Anderson to L G Geary

Nov. 4, 1914—LOT 5 Fruitvale Add'n Tract, Okd. Geo D Warren to Alex C Wieben

Nov. 4, 1914—NW EIGHTH AVE 137-6 SW E-23rd SW 37-6xN 149-6 19-32, Okd. Annie C Peterson to Charles Peterson

Nov. 5, 1914—E LOCKSLEY AVE 100 N Clinton N 28.74x E 160, Oakland, Annette Bank to Ed Collins

Nov. 5, 1914—BOUNDED ON NE County Road leading from Center-ville to Irvington; SE lands Dubois Eaton, SW lands F F Dusterberry, J C Mowry to Robert Irvine

Nov. 7, 1914—LOT 3 Map Shdvn Lot 13 Blk 5 and Lot 14 Blk 6 of ptn La Loma Park and Wheeler Tract, Bkly. Elizabeth S Kelsey to Junk-Hiddell Invest Co.

Nov. 5, 1914—LOT 23 BLK 9 Thousand Oaks, Oakland Tp. F R Peake Co to Chris Engelsen and Alex Carlson

Nov. 7, 1914—LOT 29 Map Lake Shore Park Heights, Okd. D H Cockerton to Leo L Nichols

Nov. 7, 1914—LOTS 7 AND 8 Blake Tract No. 3, Bkly. John Muldoon and Frank M Wilson to McKibben & Taylor

Nov. 7, 1914—E TELEGRAPH AVE and W Broadway N 108.82 NW 36.56 S 104 SE 8.70, Okd. Federal Realty Co to E T Leiter & Sons

Nov. 7, 1914—NW ELEVENTH AND Franklin W 100xN 100, Okd. Odd Fellows' Hall Ass'n to Alfred Olson

Nov. 7, 1914—LOT 8 BLK 4 Martin Kellogg Ppty, Bkly. J P Brownlee by Olin S Grove to Gustaf Johanson

Nov. 9, 1914—LOT 3 Map Sylvan Crest Tract, Okd. Etta M Hughes to whom it may concern

Nov. 9, 1914—SE FOURTEENTH AV and Hopkins; being No. 1501 Hopkins, Okd. P E Baird to whom it may concern

Nov. 9, 1914—N WALNUT AVE 164.24 E Renwick, being Lot 17 Blk 1, Brookdale Terrace, Okd. J E Settles to O G Smith

Nov. 9, 1914—PTN LOTS 10 AND 11, Piedmont Springs Tract, Piedmont, Ida Goodridge Graham to W E Whalin

Nov. 9, 1914—LOTS 12 AND 13 BLK "D" Regents Park No. 3, Bkly. W N Taylor by J G Taylor to whom it may concern

Nov. 9, 1914—NW TWENTY-EIGHTH and Webster, Okd. 1st Hebrew

Congregation of Oakland to Schnebly, Hostnawser & Pedgrift

Nov. 9, 1914—LOT 6 and Ptn Lot 7 Map 4th Ave Court, Okd. J H Theiss to W E McChesney and Richard Oates

Nov. 9, 1914—LOT 24 Redwood Glen Tract, Okd. N A Brown to W C Brown

Nov. 9, 1914—SE TELEGRAPH AND Durant Aves th along E Telegraph Ave 90x E 110, Bkly. J A Elston and George Clark to Columbia Marble Co

Nov. 10, 1914—S DURANT AVE 110 E Telegraph Ave S 130x E 40, Bkly. J A Elston & George Clark to J J Webb, Nov. 7, 1914; F E Nelson

Nov. 10, 1914—LOT 1 Map Lake Shore Ext Tract, Okd. William W and Frances W Shannon to whom it may concern

Nov. 10, 1914—PTN LOT 7 Plot 72, Kellersberger's Map Ranchos Vincent & Domingo Peralta, Oakland, Edgar V Spiganovitz to John M Bartlett

Nov. 10, 1914—LOT 21 BLK 6 Fourth Ave Heights, Okd. W G Moblad to W E McChesney

Nov. 10, 1914—FRUITVALE AVE NO. 3515, Oakland, P Schnoor to Ed Bassett

Nov. 11, 1914—S HAAS AVE 63.09 SW W line 2.59 acre tract conveyed by J W Haas to Francisco Calhoun, deed dated Aug. 14, 1885, recorded Book 295 of Deeds Page 95; NE 141 SE 312.51 NW 145.03 SW 26 NW 216.94, San Leandro, F A Merguire to George W Nunes

Nov. 11, 1914—LOT 41 BLK "H" Map Northbrae Terrace, Bkly. Mary O Madison to Mason-McDuffie Co.

Nov. 11, 1914—LOT 17 BLK 16 Map Northbrae, Albany, Arthur Edward Moncaster to E J Aalto

Nov. 12, 1914—W HOWE 35 S John, Okd. Nina L Dalton to Geo H Lydixsen

Nov. 12, 1914—LOT 13 BLK "B" Waterside Terrace, Ala. F N Strang to whom it may concern

Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market by W I Clarke to Harry C Knight

Nov. 13, 1914—N KEITH AVE 126 E Pryal, being Lot 17 Blk "V" Vernon Park Tract, Okd. W A Ballinger to William H Kerrigan

Nov. 13, 1914—LOT 6 and 6-S Lot 5 and S 7-6 Lot 7 Blk "D" Map Broadway Terrace, Okd. Jas E Stewart and R H Banning to whom it may concern

Nov. 13, 1914—S SIXTH, bet. Broadway & Washington, Okd. Greater Oakland Free Market to Wm I Clarke

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1914—LOT 107 Amended Map Rhoda Tract, Okd. E H Wittorff, \$102.50; F M Dreisbach (Zenith Mill & Lumber Co), \$417.39 vs A Hebel

Nov. 10, 1914—W WASHINGTON Park 300 S Central Ave W 285 S 189.50 SE 304.47 N 296.62, Alameda,

E K Wood Lumber Co vs Alameda Venice & Swimming Baths, F N Dodd, Wm R Geary, A P Johnson and Harold Everhard

Nov. 9, 1914—S HOPKINS 18.38 E 14th Ave SE 67.16 W 32.75 NW 64.24 NE 23.4 SE 18.38, Okd. John P Maxwell vs Perry Baird and W A Walker

Nov. 7, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Haines, Jones & Cadbury Co vs J C and Helena Kathryn Bowman, Oscar Sellers and Bay City Bldg Co

Nov. 7, 1915—NE TWENTY-SECOND and Filbert, Okd. Pacific Fuel & Bldg Material Co vs Union Ice Co and Andrew Wilkie Co

Nov. 12, 1914—LOT 25 North Christiania Tract, Albany. John P Maxwell vs W A Walker, William C Leverich and Mary W Norton

Nov. 13, 1914—W BROADWAY 100 N 20th N 50xW 100, Okd. F G Jones vs R J McMillen, Henry Hauschildt and E L Mathewson

SAN JOSE AND THE SANTA CLARA VALLEY.

BULKHEAD—Reinforced concrete and earth. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. For the second time no bid was offered for constructing the earth and concrete bulkhead along Coyote Creek at 17th street. What action will be taken by the Board of Supervisors has not been decided. Probably the work will be carried out by Day Labor.

GARDEN WORK—Concrete, \$10,000. Burlingame, San Mateo Co., Cal. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, Mr. Newhall. This work will consist of constructing formal gardens and a large concrete fountain. Plans are complete and the work will be done by Day Labor. Materials are now being purchased under the direction of the architect.

MAUSOLEUM—1 story, reinforced concrete and granite, \$5,000. Holy Cross Cemetery, San Mateo Co., Cal. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building will be designed in the classic style and will contain six receptacles. Interior will be finished in marble and tile. Ornamental bronze and iron will be used. Art glass windows are also specified. Exterior of the building will be faced with granite. Plans are nearly complete and figures will be called for shortly.

ROAD WORK AND STREET WORK—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. At the regular meeting of the Board of Supervisors of San Mateo County County Surveyor Neuman presented a map and specifications for grading and macadamizing the new portion of the road leading from Menlo Park to Portola. Same were accepted on motion and the Clerk was directed to publish a notice calling for bids on the work. The Surveyor presented a map and specifications for building what is known as the Meyn road at Lobitos in the Fourth township, which was adopted. The Surveyor presented a map and specifications for the construction of Kelly

venue in Halfmoon Bay, which were adopted. The Clerk being instructed to advertise for bids.

JETTY WORK—Rock and concrete, cost not stated. Salinas, Monterey Co., Cal. Engineer, County Surveyor Hare, Salinas. Owners, Monterey County. County Surveyor Hare's plans for petty rotation work at King City bridge have been adopted by the Supervisors. Bids on the work will soon be called for.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

COTTAGE AND GARAGE
NO. 250 S-THIRTEENTH ST., San Jose
Six-room cottage and garage.
Owner.....H. M. Nelson.
Architect...None.
Day's work. COST, \$2500

COTTAGE
NO. 744 N-FOURTEENTH ST., San Jose. Five-room cottage.
Owner.....V. Gimestra, Premises.
Architect...None.
Day's work. COST, \$1600

COTTAGE
NO. 65 N-TENTH ST., San Jose. Five-room cottage.
Owner.....T. M. O'Neal, Premises.
Architect...None.
Contractor...A. M. Whiteside, 71 S-19th St., San Jose.
COST, \$1000

ALTERATIONS
NO. 660 S-ELEVENTH ST., San Jose. Alterations and repairs.
Owner.....G. B. Hemphill, Premises.
Architect...None.
Day's work. COST, \$750

REMODEL
NO. 212 E-SANTA CLARA ST., San Jose. Remodeling.
Owner.....Mrs. A. J. Latz, 116 S-9th, San Jose.
Architect...None.
Contractor...Louis Yates.
COST, \$750

COTTAGE
SANTA CLARA, bet. 27th and 28th Sts., San Jose. Five-room cottage.
Owner.....Geo. Hamburg, Premises.
Architect...None.
Day's work. COST, \$700

COTTAGE
N-SEVENTEENTH, bet. Taylor and Jackson Sts., San Jose. Four-room cottage.
Owner.....G. Vacchio.
Architect...None.
Contractor...Tony Zarbano, 424 N-21st St., San Jose.
COST, \$500

DWELLING
THIRTY-THIRD, between Chase and Santa Clara, San Jose. Four-room dwelling.
Owner.....C. Teggart, 180 E-Santa Clara, San Jose.
Architect...None.
Day's work. COST, \$400

POST OFFICE
W FIRST near corner of First and Julian Sts., San Jose. All work for business building to be used as post office station "A."

BUILDING AND INDUSTRIAL NEWS.

Owner...Ginice R. Fickel, 60 S 4th St., San Jose
Architect...Wm. Binder, Rex Bldg., San Jose.
Contractor...Morrison Bros., Santa Clara
Filed Nov. 7, '14. Dated Nov. 1, '14.
On 1st and 6th day of each month
Usual 35 days. TOTAL COST, \$4257
Bond, \$1629. Sureties, D. N. Wallace and C. A. Morrison. Limit, 65 days. Forfeit, \$1. Plans and specifications filed.

FRAME BUNGALOW
NEAR COR. NINTH & REED STS., being Lot 8 BLK 5 Range 9 S of base line, San Jose. All work for one-story frame bungalow.
Owner.....W. J. and E. H. Smith, 36 S-Ninth, San Jose.
Designer...The San Jose Contract & Mill & Lumber Co., Inc.
Contractor...The San Jose Contract & Mill & Lumber Co., Inc., 60 Vine St., San Jose.
Filed Nov. 7, '14. Dated Nov. 5, '14.
Frame up\$550
1st coat plaster on550
When completed550
TOTAL COST, \$2200
Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

COTTAGE
S-NINTH NEAR VIRGINIA ST., San Jose. Six-room cottage.
Owner.....S. G. Pelton, 217 S-First St., San Jose.
Architect...None.
Day's work. COST, \$2500

COTTAGE
NW NINTH AND VIRGINIA STS., San Jose. Six-room cottage.
Owner.....S. G. Pelton, 217 S-First St., San Jose.
Architect...None.
Day's work. COST, \$2500

COTTAGE
SIXTEENTH AND JACKSON STS., San Jose. Six-room cottage.
Owner.....C. A. Parlies, 874 S-Ninth St., San Jose.
Architect...None.
Contractor...S. G. Pelton, 445 S-Third, San Jose.
COST, \$1800

DWELLING
NO. 1062 LICK ST., San Jose. Four-room dwelling.
Owner.....Vi Serio, Premises.
Architect...None.
Day's work. COST, \$450

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Oct. 24, 1914—LOT 8 BLK 17, Washington Sub., San Jose. Rose M. Chartier to San Jose Contract Mill & Lumber Co. Oct. 23, 1914
Oct. 30, 1914—NEAR COR. FIFTH & Julian Sts., San Jose. A P Biaggi to A A Church. Oct. 29, 1914
Oct. 30, 1914—N-SEVENTEENTH NO. 453, San Jose. E D Wells to E D Wells. Sept. 29, 1914
Nov. 4, 1914—LOT 15 BLK 50 of Seale Addn, Palo Alto. A H Fleishman to Geo B Moore. Oct. 28, 1914
Nov. 7, 1914—SE BEAN AND TAIT Aves., Los Gatos. The Roman

Architect...Architect...
Builder...Builder...

LIENS FILED.

SANTA CLARA COUNTY.

Architect...Architect...
Builder...Builder...
Range...West in Mar...
San Jose...S H...
1...1...

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—1 story end bay frame \$ 300. Mill Valley, Marin Co., Cal. Architects, Finch & Knoll, Healdsburg, S. F. Owner, W. Reiman. The dwelling has been designed to contain five rooms, bath and sleeping porch. Interior will be finished in pine and redwood throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place with brick mantel. Bath room and kitchen will have the wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster. Plans are complete and figures are being taken.

CHURCH ALTERATION—Frame cost not stated. Pinole, Contra Costa Co., Cal. Architect, John J. Foley, 46 Kearny street, S. F. Owners, St. Joseph's Church of Pinole. This work will consist of the addition of a new tower of galvanized iron and frame, some new interior finish and ornamental plaster. Bids will be called for as soon as working drawings can be completed.

FIRE HOUSE—1 story, brick, \$2,500. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, Richmond. Owners, City of Richmond. Plans have been completed for the new fire station to be erected at the corner of Barrett and 19th streets. Bids will be called for on approval of the plans and specifications. The building will contain quarters for engine company. Interior will be finished in pine throughout. There will be a hot water system and modern plumbing. Exterior will be faced with pressed brick. Plans are complete.

HOSPITAL PAVILIONS—Frame construction. Cost not stated. Mare Island, Cal. Architect, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. A complete list of the general figures and all alternate propositions for these buildings will be found under the heading of San Francisco in this issue.

HOSPITAL—1 and 2 story and base. Class A construction. Cost not stated. Spokane, Wash. Architect, Archibald Rigg, Spokane. Owners, Spokane County. Plans for this building, which has been mentioned here before, have received the approval of the County Supervisors and the State Department of Public Health. The buildings have been designed for a Tuberculosis Hospital and will be located in the Spokane Valley. Bids will be called for shortly.

SCHOOL—2 story and base, brick, \$50,000. Richmond, Contra Costa Co., Cal. Architects, Stone & Wall, Stockton. Owners, Richmond Board of Education. The Richmond Board of Education has called for plans for the

school designed by Architects Stone & Wright. The Board decided upon certain minor changes in the plans. The building is estimated to cost \$50,000.

INCINERATOR—Reinforced concrete. Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. A resolution has been adopted by the City Council authorized the City Clerk to call for bids on the construction of the incinerator plant to be erected here. The construction will be of brick and concrete. The plant is to be a complete garbage and refuse incinerator with all equipment, containing furnaces, building and driveways or approaches from the surface grade to the dumping floor. Bids will be opened between 10 and 11 o'clock Wednesday morning, November 25th.

ROAD FENCING—Cost not stated. Fairfield, Solano Co., Cal. Engineer, County Surveyor, Fairfield. Owners, Solano County. Plans are complete and figures are now being taken for constructing 3,500 rods of fence along the new State Highway in Solano County. Bids will be opened on December 7th. Plans and specifications can be secured from the County Surveyor.

ROAD WORK WIDENING, ETC.—Cost not stated. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. The Board of Supervisors has ordered the County Engineer to prepare plans and specifications for widening the county road between Lagunitas bridge and the Tocaloma bridge and to make a report at the next meeting. The County Engineer was also given instructions by the Board to prepare plans and specifications for the cost of rebuilding the county road across the marsh from the bottom of the hill at Chicken Point to the McNear brickyard.

Contracts Awarded.

SEWER WORK—\$71,536.30. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractors, Chambers & Healy, Richmond and San Francisco. Contract price, \$71,536.30.

BULKHEAD WHARVES—Timber construction, \$60,000. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owners, Ellis Landing Co. Contractors, Pacific Construction Co., 16 California street, S. F. Contract price, \$60,000.

RELEASE OF LIENS.

MARIN COUNTY.

RECORDED	AMOUNT
Nov. 7, 1914—SAN RAFAEL, Marin to Arthur W. Biggers and John McLaughlin	\$826.25

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Oct. 24, 1914—W ½ LOT 6 BLK 53, City of Pittsburg. Antioch Lumber Co. (by H. F. Beede, Vice-President and Manager) vs Maria Peraino and Rocco Costanza.....	\$398.46
Nov. 2, 1914—LOTS 1, 2, 3 BLK 6, Amended Map of Richmond. C. H. Johnston vs E. F. Rolfe.....	\$1440.38

Nov. 1, 1914—PTN LOTS 1, 2, 3 BLK 6, Amended Map No. 1, Richmond. C. W. McMaster, \$132.20; F. A. Zimmerman, \$26.45 vs Lawrence H. and Sophia Transue.....	
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COMPLETION NOTICES.

MARIN COUNTY.

RECORDED	ACCEPTED
Nov. 10, 1914—SAN RAFAEL. Chas. Musante to L. L. Jessup and B. Kessler	Nov. 2, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGE—Reinforced concrete, \$5,000. Fresno, Fresno Co., Cal. Engineer, City Engineer Bert Cronkhite, Fresno. Owners, City of Fresno. Plans are complete for a new bridge to be erected over Dry Creek at Van Ness avenue. Bids will be called for on approval of the plans and specifications by the City Council. At the next meeting of the Council the City Engineer will recommend that a similar bridge be constructed over Dry Creek at Coast avenue.

BRIDGE—Reinforced concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, City Engineer, Modesto. Owners, City of Modesto. A suggestion has been made that a new bridge be constructed over Lateral No. 4 at the intersection of Laurel and Washington streets. The matter will be considered at the next meeting of the City Council. If a favorable decision is reached the City Engineer will at once prepare plans for this work.

BRIDGE—Reinforced concrete. Cost not stated. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. The Board of Supervisors of Kings County is advertising for bids for the construction of a bridge across Cross Creek in accordance with plans and specifications which may be obtained from the County Surveyor.

LODGE HALL AND STORES—2 story and base. Class C construction, \$70,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkin & Swartz, Lowell Bldg., Fresno. Owner, F. M. Roessler. The building will be erected at the corner of L and Tulare streets, covering an area of 75 by 175 feet. There will be several stores on the first floor, while the entire second floor has been leased to the Fresno Lodge of Elks and will be fitted up for handsome lodge rooms, living apartments, social rooms and billiard hall. Interior finish will be of pine and hardwoods. Hardwood floors will be used. There will be steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will be called for shortly. A contract for the excavating has already been let.

SCHOOL AUDITORIUM—1 story and base, frame. Cost not stated. Hughson, Stanislaus Co., Cal. Architect, none. Owners, Hughson School District. Plans and specifications for a large frame auditorium have been completed and figures for the construction are now being taken. Basement of the building will be arranged for dressing rooms and showers for

the gymnasium. Interior finish will be of pine and redwood. Special plumbing fixtures will be installed. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of F. Nickle, Clerk of the School Board. Hughson. Bids will be opened on November 20th.

ELECTROLIERS—Cost not stated. Tulare, Tulare Co., Cal. Owners, City of Tulare. Plans for an elaborate system of electroliers have been presented to the City Council by a committee from the Merchants' Association, and the City Attorney was requested to draw up a resolution of intention for carrying them out. The plans call for 50 lights in the business section of the city and the laying about 9,000 feet of conduit.

DRAINAGE DITCH—Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Preliminary plans have been submitted by the Engineering Department of the Supervisors of Stanislaus County for the proposed Cavill drain ditch, which is to run from the Cavill ranch westward to connect with the district main drainage canal at Carver road.

BRIDGES AND SYPHON—Reinforced concrete, \$4,935.34. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contractor, R. M. Simon, Modesto. Contract price, \$4,935.

LIBRARY—1 story and base, reinforced concrete, \$10,000. Vacaville, Solano Co., Cal. Architect, L. M. Tutton, Napa. Owners, Town of Vacaville. The building has been designed in the classic style and will contain one large reading room, stack room and office for the librarian. Interior will be finished in pine with maple floor in the reading room. A warm air system heating will be installed. Metal book stacks are specified. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the Library Trustees who are now taking figures. Bids will be opened on December 1st. Plans are complete information can be secured from George H. Sharpe, Secretary, Vacaville.

Contracts Awarded.

ROAD WORK—\$4,700. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, C. M. Baker, Fresno. Contract price, \$4,700.

BRIDGES—3, reinforced concrete, \$4,453.67. Merced, Merced Co., Cal. Engineer, County Surveyor, Merced. Owners, Merced County. Contractors, Thompson Bros., Fresno. Contract price, \$4,453.67.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED	ACCEPTED
Nov. 4, 1914—LOTS 1, 2, 3, 4 BLK 14, Biola. Biola School District to Richard Hill	Oct. 29, 1914

LIENS FILED.

FRESNO COUNTY.

RECORDED	AMOUNT
Nov. 4, 1914—S ½ OF LOTS 28, 29, 30 BLK 1, Arlington Heights Tract, Fresno. W. S. Ford vs A. Foresters	\$60

E. H. Williams Chalmer Munday

Munday & Williams

Attorneys-at-Law

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SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGE—Trestle construction. Cost not stated. Colusa, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. Bids opened by the Supervisors for the construction of a trestle bridge over the Moulton break show the following bids and their bids:

Albert O. Dokken	\$3,610.50
J. R. Sehmel	4,198.00
J. R. Sehmel	4,198.00
Edward Tolson	3,680.00
J. M. Peart	3,685.00

The letting of the contract will be considered at the next meeting of the Board.

ROAD IMPROVEMENT—\$10,000. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Resolutions have been passed by the Supervisors ordering the Red Bluff-Sosaville and Red Bluff-Harrison Gulch roads improved. The improvements will cost approximately \$10,000, and bids will be called immediately, which will insure an early start toward their completion.

SCHOOL—1 and 2 story and base, brick and concrete, \$50,000. Winters, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Winters Union High School District. The building will cover a considerable ground area and has been designed to contain eight class rooms, an assembly hall, principal's office and departments for manual training and domestic science. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, an oil burning system, vacuum cleaning and program clocks. Slate blackboards will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

BRIDGES—8, reinforced concrete, \$21,723. Red Bluff, Tehama Co., Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractor, C. E. Cotton, S. F. Contract price, \$24,725. Other bidders were: Wm. Stephens, \$28,350; Chico Construction Co., \$25,985; Walcott & Brunk, \$27,984; and R. W. Moller, \$25,500. McCarthy & Haskell were given the contract for the construction of the Salt Creek bridge, east of Red Bluff. Their bid was \$2,674.

BUILDING CONTRACTS. SACRAMENTO COUNTY.

NO. 1100 K ST., on N $\frac{1}{2}$ Lot 1, K, L, 11th and 12th Sts., Sacramento.

Wybro

Veneered Panels that
ARE good---order
today from

White Brothers

5th and Brannan Streets

San Francisco

Panels of proven Quality-- Wybro

WYBRO Panels have been tried and tested time and again. They are now of proven quality.

Facts have proven to themselves that there are no better Panels made than the WYBRO that is why WYBRO Panels are great repeaters.

Wooden floor over concrete slate on 1th floor and marble counter slab. Owner.....Pacific Gas & Electric Co., 1100 K St., Sacramento. Architect...None.

Contractor...Murrell & Haley, 2nd and V Sts., Sacramento.

COST, \$600

ALTERATIONS

NO. 2417 M ST., W 50 feet Lot 6, $\frac{1}{2}$ M, 24th and 25th Sts., Sacramento. Erect sleeping porch and breakfast porch. Owner.....Bloomberg Bros., Premises. Architect...None.

Contractor...Chas. Vanina, 2022 M St., Sacramento.

COST, \$300

T ST. COURT 33 AND 34 on Lot 36, Mier and Sowell High School Tct., Sacramento. Five-room dwelling. Owner.....Mier & Sowell, 1023 5th St., Sacramento.

Architect...None.

Contractor...Chatterton Bros., 2112 28th St., Sacramento.

COST, \$2500

ALTERATIONS

NO. 1531 FOURTH, S $\frac{1}{2}$ Lot 8, O, P, 4, Sacramento. Place concrete floor, new felt and gravel roof, plaster walls, etc.

Owner.....Alvie I. Barber, 1322 E St., Sacramento.

Architect...None.

Contractor...A. W. Norris, 409 21st St., Sacramento.

COST, \$550

ALTERATIONS

NO. 1424 TENTH, on N 20 ft of S $\frac{1}{2}$ Lot 5, N, O, 9th and 10th Sts., Sacramento. Remodel dwelling and build six-room dwelling.

Owner.....Mrs. Henry Cart, Premises. Architect...None.

Contractor...Sliler Bros., 1100 P St., Sacramento.

COST, \$1800

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owner's name withheld. The building will be erected at the corner of Jefferson and Vermont streets, covering an area of 30 by 85 feet. There will be two stores on the ground floor. Upper floor will be arranged for six suites of two, three and four rooms. Interior will be finished in pine and elm panels. Plans provide for a hot water system, wall beds and private baths. There will be patent store fronts. Bath rooms will have

tile wainscot and composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

DAIRY BUILDINGS—5, 1 story, reinforced concrete. Cost not stated. Whittier, Los Angeles Co., Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, A. V. Handorf, Glendale. Contractor, Frank L. Spaulding, 1160 Dana street, L. A. Contract has been taken on a percentage basis and no amount is given.

HOTEL AND STORES—2 story and base, brick, \$25,000. Banning, Riverside Co., Cal. Architect, C. H. Russell, Story Bldg., L. A. Owner, Charles Dreyer. The building will be erected on San Geronimo avenue at the corner of Ramsey. The building will cover a ground area of 50 by 100 feet. There will be two stores besides the hotel office and dining room on the first floor. Upper floor will be divided into twenty guest rooms and a number of public and private baths. A one-story open-air addition containing sleeping rooms will also be constructed. Interior finish will be of pine throughout. Bath rooms will be finished in tile. Plans provide for steam heat and a hot water system. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL AND STORES—11 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, John J. Fluenfelder, Story Bldg., L. A. Owner, H. O. Thompson. The building will be erected on the east side of 5th street near Los Angeles, and will have a frontage of 50 feet and a depth of 150 feet. There will be a complete steel frame, brick exterior walls, concrete floors and hollow tile interior partitions. There will be several stores on the ground floor besides the hotel lobby and office. Upper floors will contain a total of 242 rooms, a large percentage of which will have private baths. Interior trim will be of hardwood. Bath rooms will be finished in tile, ornamental plaster, marble and tile will be used in the lobby. Plans provide for two passenger elevators, one freight elevator, steam heat, vacuum cleaning and a hot water supply. Exterior of the building will be faced with enameled brick. Plans will be complete and figures called for about December 1st.

RAILROAD CONSTRUCTION—Cost not stated. Corona, Riverside Co., Cal. Engineer, Engineering Department Pacific Electric Co., L. A. Owners, Pacific Electric Co. Around work on the electric car line to the Pacific Electric

trick Railway between Arlington and Corona has been started by Shearer & Co., contractors, of Los Angeles. There are eight miles of road to be built and it is expected to have the road completed by January, 1915.

EXPRESS DEPOT—1 and 2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, James B. Humphreys, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Express Co. The building will be erected at the corner of 3rd and Central avenue, covering an area of 100 by 200 feet. Construction will be partly of the Class A type and partly of the Class C. The one-story section of the building will house an automobile unloading platform. Interior finish will be of pine. Cement floors will be used. There will be steel roof trusses and metal window sash and frames. Steel rolling doors will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base, hollow tile. Cost not stated. Holtville, Imperial Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Holtville Grammar School District. The building will contain twelve class rooms, principal's office and lavatories. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, modern school plumbing and a system of ventilating and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Bids will be opened on December 3rd. Plans and specifications can be secured from the architects.

SCHOOL—1 story and base, hollow tile, \$25,000. Whittier, Los Angeles Co., Cal. Architects, Tuttle & Angel, Delta Bldg., L. A. Owners, Whittier School District. The building will be designed to contain six class rooms, principal's office and an assembly hall. Interior will be finished in pine. Maple floors will be used in the class rooms. There will be steam heat and a modern system of ventilation. Exterior of the building will be covered with cement plaster. Plans are now being prepared. Figures will not be taken until bonds have been voted. Further mention will be made of the work.

SEWER WORK—COST not stated. Holtville, Imperial Co., Cal. Engineer, City Engineer, Holtville. Owners, City of Holtville. The Trustees have passed resolutions ordering that bids be called on Tuesday, November 24th, for the construction of both the sewer outfall system and the Vrooman act sewer Work.

Contracts Awarded,

BRIDGE—Reinforced concrete, \$7,900. San Luis Obispo, San Luis Obispo Co., Cal. Engineer, County Surveyor, San Luis Obispo. Owners, San Luis Obispo Co. Contractor, Paul H. Ehlers, 5615 Harold Way, L. A. Contract price, \$7,300. Other bids received for this work were as follows: Mercereau Bridge and Construction Co., \$10,085 and \$9,783; Guttelben Bros., \$10,465 and \$9,927; Boardman Construction Co., \$11,448 and \$11,228; S. M. Kerns, \$11,857.75 and \$11,235.75; Mesmer & Rice, \$13,742 and \$13,442.

SCHOOL GROUP—Brick and hollow tile construction, \$240,000. San Bernardino, San Bernardino Co., Cal. Ar-

chitect, Norman F. Marsh, 212 Broadway, L. A. Owners, Polytechnic High School District. Contractors, Cresmer Mfg. Co., Riverside, general construction of science, classics and home economics buildings at \$82,991. Subcontract on above, electric wiring to F. O. Engstrom Co., L. A., \$6,727.90. Painting administration building to Leon Mazy at \$1,348. Painting on science building to G. C. Hewitt at \$1,125; Painting on classics, home economics and mechanics buildings to Wormell & Drawbaugh, Pasadena, at \$3,120. Plumbing on home economics to Cooney & Winterbottom, Alhambra, at \$3,120, and all other buildings to Munger & Munger, Pasadena, at \$17,321. Action on the program clocks, heating and ventilating have been deferred.

PORTLAND AND OREGON.

CHURCH—2 story and base. Class A construction. Cost not stated. Portland, Ore. Architect not selected. Owner, Archbishop Christie, Portland. Archbishop Christie, acting for the Roman Catholic Church, has purchased a lot 260 feet on Laddington street and 249 feet on 49th street in the Laurelhurst District of Portland. A new building will be erected on the site shortly. Further mention will be made of the work when an architect is selected.

Contracts Awarded.

SCHOOL—2 and 3 story and base. Class A construction, \$160,000. Portland, Ore. Architect's name not given. Owners, City of Portland. Contractors, Olson & Johnson, Missoula, Mont., general construction, \$111,485. Alaska Plumbing Co., 423 Belmont street, Portland, heating, \$28,858, and Sturges & Sturges, 472½ Hawthorne street, Portland, plumbing, \$10,542.

SCHOOL—2 story and base, brick, \$25,600. Athena, Ore. Architects, Tourtelotte & Hummel, Rothchild Bldg., Portland. Owners, Athena School District. Contractors, Zeph Bros., La Grande, general construction at \$22,475; G. H. Sunderland, Walla Walla, Wash., plumbing, at \$1,435, and J. C. Bayer, Portland, heating and ventilating at \$1,300.

SEATTLE AND WASHINGTON.

DRAW BRIDGE—Timber construction, \$10,000. Seattle, Wash. Engineer, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. Preliminary plans have been completed by City Engineer A. H. Dimock for the construction of a timber drawbridge over the Duwamish River at 8th avenue So., which will cost about \$20,000. The bridge will be 30 feet wide and about 200 feet long. Permission has been asked of the U. S. Government for the construction of this bridge and for the approval of the location.

UNIVERSITY BUILDINGS—Class A construction, \$300,000. Seattle, Wash. Architect not selected. Owners, University of Washington. The Regents of the University of Washington have determined to petition the State Legislature, which meets in January, for an appropriation of \$300,000 to cover the cost of constructing two new buildings in this city. The buildings proposed are a woman's building costing \$150,000, and a new building to replace the several buildings now being used as recitation halls. This is es-

timated to cost about \$100,000, additional \$50,000 will be used in cellaneous building repairs. He T. Condon, Bursar, has heretofore handled the architectural work of university buildings.

DOCK—2 story, frame and coated iron, \$75,000. Seattle, Wash. Engineers, Webster & Ford, Bldg., Seattle. Owners, Grand Trunk Pacific Railroad Co. Plans and specifications will be complete and ready for figures in about six weeks. Construction of a two-story frame for the Grand Trunk Railway Company at the foot of Marion street, construction throughout will be of coated metal and heavy timbers.

BENEFIT OF ROADS TO NON-PAID PROPERTY OWNERS.

WASHINGTON, D. C., Nov. 7, 1914. The road building specialties of Department of Agriculture, in Bulletin No. 136, entitled "Highway Bonds," have the following to say about the benefit of a well constructed highway to property owners whose property is not directly on the road to be improved:

In planning the highway system of the main market roads, it will be found necessary to omit many roads the improvement of which is greatly desired by abutting landowners. The fact that such property holders must pay a surcharge for the bond issue is only an apparent injustice, for if the highway system were well planned the entire country would feel the benefits of the improvement. As a rule, main market roads receive the majority of producing areas, and when they are improved all values tend to increase.

The fact that cities and larger towns are frequently taxed for bond issues to build highways outside of their limits is sometimes made a point of debate in bond elections. It is argued that because a large part of the country's wealth is within the corporate limits of such cities and towns, highway bonds should also be used to construct their streets. It is even urged that the expenditure should be made proportionate to the assessed valuation within the city limits. If the proceeds of highway bond issues were distributed in this way, their purpose in many cases would be defeated. The primary object of the county highway bond issue is to build county market roads and not to improve city streets, although a high percentage of assessed valuation may be city property. It is now known that the expenditure of city taxes on county roads is a sound principle and that it is one of the best features of State aid highways. In Massachusetts the city of Boston pays possibly 10 per cent of the total State highway fund, but a mile of State-aid highway has been built within its limits. New York City also pays about 60 per cent of the cost of the State highway bonds. So State laws prohibit the expenditure of proceeds of State highway bonds within corporate limits of cities or towns.

The improvement of market roads results in improved marketing conditions which benefit the city. Most cities are essentially dependent upon their surrounding country for their prosperity and development. The development of suburban property for residence purposes is also dependent upon highway conditions and it is becoming

evident yearly that whatever makes for an increase in rural population must be encouraged. Since the introduction of motor traffic, country highways are used to an increasing extent by city residents. In fact, the cost of maintaining many country highways has been greatly increase by the presence of city-owned motor vehicles. The general advance in facilities for doing country business from town headquarters when roads are improved is no inconsiderable factor in the commercial life of the community.

IMPROVING EGYPT.

Egypt has drainage problems as well as irrigation ones. Just at present the Egyptian government is pumping out Lake Mareotis, a sheet of shallow, blackish water in the extreme north of the delta, at the back door of Alexandria. About a million acres of cultivable land will be reclaimed by this work, through not all at the same time. Other drainage projects of equal magnitude will be taken up later.

Here—as in so many other cases, the Anglo-Egyptian government is following in the footsteps of the more enlightened Pharaohs and Ptolemies of ancient days. Lakes were drained in Egypt 3,000 years ago. Where old-time kings used the shadoof and the unpaid labor of fellahin, modern rulers employ steam and machinery; but the end aimed at is the same.

WORK STARTED ON GAS PLANT.

PITTSBURG, Contra Costa Co., Cal.—The work of laying a gas pipe system through Concord, Martinez, Pittsburg and Antioch has been started by the Contra Costa Gas Company. The company will supply gas to all towns throughout Contra Costa County. S. Waldo Coleman is president of the company.

UNCLE SAM, BUILDER.

Every American feels proud when he hears one of the great public works of his country described by a great public servant. The splendid campaign against the desert that is being carried on by the reclamation service is one of these really monumental undertakings that could have been conducted successfully only by the government itself.

The review of the things accomplished, presented to the Knife and Fork Club by Mr. F. H. Newell, director of the service, emphasized once more the devotion and efficiency of the men who are working for Uncle Sam, not for the money reward, but because of the opportunity to do important things on a big scale.

One incident cited by Mr. Newell indicates the spirit of the service. In planning for the great Roosevelt Dam in Arizona the government engineers found that the prices of cement quoted by private manufacturers were exorbitant. So they built their own cement mill, operated it and finally scrapped it, with a saving to the government of \$600,000 over the lowest bid.

The things being done by the government in Panama, in the reclamation service, in the forest service and in other great constructive departments, have shown possibilities of efficient

collective action by the people that are likely to develop conspicuously in the next few years.

BUILDING IN RICHMOND BRICK.

RICHMOND, Contra Costa Co., Cal.—The report of the City Building Inspector of Richmond shows that during the month of October there was thirty-three permits granted to make new improvements about the city. The improvements will cost in the neighborhood of \$25,000.

THE AUTOMATIC FIREMAN.

Most manufacturing establishments, industrial warehouse, and department stores are equipped with an automatic sprinkler apparatus consisting of a system of water pipes fitted at short intervals with sprinkler nozzles which open when the temperature rises much above the ordinary, as in case of an incipient fire. The sprinkler nozzles are closed by plugs of an easily fusible metal alloy which melts at a very low temperature. Cadmium is an essential ingredient of such alloys, other metals used being lead, tin, and bismuth. Cadmium is also used in electrical fuses, which prevent fires and accidents by "burning out" when a dangerously high current is accidentally thrown upon a line.

The principal cadmium-producing country is Germany, which, in the last few years, has had an output between 90,000 and 100,000 pounds annually, sold at 13 to 67 cents a pound. In Germany cadmium is recovered as a by-product in zinc smelting. The United States has annually imported from 4,000 to 14,000 pounds of stick cadmium from Germany, but in 1913 the imports dropped to 1,656 pounds, valued at \$1,232. The United States has produced metallic stick cadmium since 1907 and for several years has produced, also, the pigment cadmium-yellow. There are now three American firms making cadmium in one or both of these forms and another year will probably add one more producer.

It was known as long ago as 1856 that cadmium was present in the flue and bag-house dusts of lead smelters treating ores from Leadville, Colo. This cadmium probably occurred in the zinc ores associated with the lead ores at Leadville, as cadmium is almost universally present in zinc ores. In zinc concentrates from the Joplin region the ratio of cadmium to zinc is 1 to 162. When lead ores containing small quantities of cadmium are smelted in the blast furnace, the cadmium distills over into the bag house, together with arsenic, lead, and antimony. When these dusts from the bag house are charged again into the blast furnace, most of the lead and antimony will be recovered in metallic forms but the arsenic and cadmium will again go over into the bag house. In time the fume will be very much enriched in arsenic and cadmium. This fume is treated for arsenic and the cadmium is recovered from the residue. There is thus a plentiful supply of cadmium in the United States, and only a sufficient demand for the metal is needed for this country to become a great producer.

The United States Geological Survey has just issued a short report upon cadmium which may be had by addressing a request to the Director

Geological Survey, Washington, D. C., MUNICIPAL CAR BARN ADDITION.

The Board of Supervisors has passed an ordinance to print authorizing the Board of Public Works to receive proposals for the construction of the first story of the Seventeenth street car barn of the Municipal Railway system.

IRON AND STEEL GOODS FOR CANADA.

Colonel Felix S. S. Johnson, Kingston, Ontario, October 17.]

With the continuance of the European war the Canadian hardware trade will be very materially affected. Present supplies of iron and steel will last for only a few months. Orders now under contract and to be shipped are sufficient to keep employed the great number of artisans depending on engineering contracts, implement manufacturers, and the other branches of the industry. Local manufacturers will be unable to cope with the demand, owing to their dependence upon imported pig iron.

[Statistical details of Canadian imports of the various lines of hardware and other metal goods will be found in the last volume of Commercial Relations of the United States, for sale at 10 cents per copy by the Superintendent of Documents, Government Printing Office, Washington, D. C.]

MATTERS DISCUSSED AT MEETING OF WORKS BOARD.

At the regular meeting of the Board of Public Works yesterday morning the following matters of importance were discussed:

Board overruled the protest of Pierre Colluc et al on the improvement of fire a street from Mason to Taylor streets.

The Board abandoned public proceedings for the improvement of the crossing at Polk and Francisco Sts.

Board granted permit to City Street Improvement Company to improve crossing at Polk and Francisco.

Board directed the City Engineer to prepare resolutions of expediency for the improvement of De Wolf street, between Lawrence and Sickles avenue, and the completion of the paving of Andover street, between Udden and Hyland avenues.

Board recommends to the Supervisors that the City Attorney be requested to acquire a thirty foot right of way on Skat Boulevard.

Grant permit to F. W. Lurmann to open California street, between Hyde and Leavenworth to install oil tank.

Grant permit to James Morse to construct private sewer in Harry St.

Award contracts to S. F. Johnson Co. to construct sewer in Lundy's Lane between Esmeralda and Bay avenue to G. McGinn & Co. to pave Lyon street, between Greenwich and Filbert streets to N. A. Grody for improvement of 10th avenue between Balboa and Cabrillo to J. N. Franks to construct sewer in 18th avenue, between Balboa and Cabrillo to Robinson N. Gent for protection of Lower Sunset Sewer.

Board rejected all bids formerly submitted to the construction of a sewer in Market street between Park and Silver.

Board proposed the supervisors to

By order of the Buildings and
Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

EXPOSITION NEWS NOTES.

The largest of the many exhibits far received on the grounds of the Panama-Pacific International Exposition is that of the U. S. Steel Products Company. This exhibit has been given three-quarters of an acre of space at the south end of the Palace of Mines and Metallurgy and the work of installation has begun. The exhibit consists in large part of big models of factories and mills properly lighted with modern hygienic appliances. Wax models also will be added to demonstrate proper hygiene and general welfare of workmen.

Louisiana's site on the grounds of the Panama-Pacific International Exposition was dedicated on October 22. Justin F. Denechaud, commissioner of immigration of Louisiana and executive commissioner from that state to the exposition, arrived to represent his state. A luncheon was given in his honor by the President and Directors of the Exposition at the Palace Hotel and this was followed by a review of troops at the Presidio and the ceremonies on the Louisiana site. He said New Orleans and his state were good losers and would support the 1915 exposition in every way.

There are 3,752 men and women actually employed on the work of the Panama-Pacific International Exposition either on the grounds or in the down town office building. There are employed on the exhibit palaces 723; on buildings of the states and nations, 1,026; on concession buildings, 646; building exhibit booths, 138; clearing the grounds, 378; electricians, 112; firemen, 74; guards, 119; sculptors, 40; gardeners, 98, and office employees, 298.

The state buildings now under construction on the grounds of the Panama-Pacific International Exposition represent a cost of \$1,200,000. The cost represented by the foreign pavilions now in course of construction is \$1,000,000. These figures are exclusive of the cost of interior fittings and furnishings, landscape gardening, installing of exhibits and maintenance. The states most recently taking steps to construct buildings are Alabama and Nebraska. The nation starting a pavilion most recently is Switzerland.

Captain Asher Carter Baker, U. S. N. (retired), director of exhibits of the Panama-Pacific International Exposition, has left San Francisco for Europe, where he goes as a special commissioner of the exposition to assist European exhibitors in the final preparation of 1915 exhibits for shipment and display. No nation participating has changed exhibit plans because of the war.

Word has been received from Germany by officials of the Panama-Pacific International Exposition that German exhibitors are preparing exhibits for the 1915 exposition in spite of the war. With the exception of a few manufacturers near the border, there have been no withdrawals on the part of German merchants. German architects are in San Francisco at this time constructing the German sections for exhibits. Germany has established a New York office for exposition activities. One of

Germany's most striking exhibits will be the Lichten Fountain, which will be shown in America for the first time. It is more than a hundred feet high and appears as a great flame, yet the hand can be run through it as safely as through water.

Officials of the Panama-Pacific International Exposition are in receipt of communications from Italy telling of the active preparations that are being made toward the sending of Italian exhibits. Among other exhibits the best section of the Genoa exposition will be brought to San Francisco. Marconi will be among the notables to attend from Italy.

Alvin E. Pope, chief of the department of social economy of the Panama-Pacific International Exposition, has returned from New York where he spent four months conferring with 1915 exhibitors. He reports that the outbreak of European hostilities will not have a bad effect on the department of exhibits on the part of American exhibitors.

The California building will be dedicated on the grounds of the Panama-Pacific International Exposition on November 21. A reception and dance will be given from 4 to 7 o'clock on that afternoon. The California building will be the host building for the exposition and is the largest ever built by any state at any exposition. It is the second largest building on the exposition grounds and when completed and furnished will represent an outlay of \$2,000,000.

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul General R. E. Mansfield, Vancouver, October 8.]

Extensive Harbor Improvements at Vancouver.

The opening of the Panama Canal was an event of special interest to the ocean transportation companies of Vancouver, and preparations are being made to handle the large increase in business anticipated by the opening of the new route. This is especially true in regard to important improvements being made in the harbor and increased facilities for handling extra traffic. One of the most important of these improvements is that now under way in the first narrows, or entrance to the harbor, which is being widened from 400 to 1,450 feet and dredged to a minimum depth of 32 feet, at an approximate cost of \$1,500,000.

Another important work for improvement of the shipping facilities of the port is a Dominion Government dock 800 feet long by 300 feet wide, with concrete walls and piers rock filled, which is being constructed at a cost of \$1,500,000 and will be completed about the middle of next year.

The Canadian Pacific Railway has completed new piers and warehouses this year at a cost of \$750,000 and the Great Northern Railway a new dock at an expense of over half a million dollars. The Canadian Northern Railway is filling in tide flats which will redeem 160 acres to be used for docks, warehouses, and other terminal facilities for handling the traffic entering the port over the company's lines.

In addition to these works is the

construction of a dry dock to be located at a cost of seven hundred dollars a big dry dock and a ship-building plant on the north shore of the harbor, the building of a floating dry dock, partly subsidized by the Dominion Government, at a cost of \$1,000,000, the work on the Fraser River costing \$2,000,000, which is already 50 per cent completed, the ship channel available as far as Pitt River, 20 miles from the sea and barge project, in saving an expense of about \$100,000, for harbor improvements at New Westminster.

These activities and heavy expenditures in the improvement of the principal port of British Columbia indicate the importance placed upon the preparations for handling the heavy ocean carrying trade from the northern Pacific coast by way of the canal. [Consul Samuel C. Reat, Calgary, Alberta, October 8.]

New School Building.

St. Martins Roman Catholic Mission, of Vegreville, Alberta, has just made a contract for the erection of a separate school to cost \$192,723. This does not include heating, plumbing, and ventilating, which when added will probably make the total cost about \$260,000. The building will be of brick and concrete and will be 72 by 80 feet.

Work Progressing on Mormon Temple.

Work on the Latter Day Saints Temple at Cardston, Alberta, is progressing rapidly. Twenty-five men are now employed and more will be needed soon. Granite is being unloaded at the station and the laying of this granite will commence shortly. All the concrete work will be placed underground so that when completed nothing will be visible except the pure glistening granite. [A previous account of this temple appeared in Daily Consular and Trade Reports for May 20, 1914.]

CHILE.

[Review of River Plate, Buenos Aires September 4.]

School Buildings—Railway Contract.

The Minister of Public Instruction has prepared a project of school construction in Chile under which \$1,500,000 (presumably Chilean pesos) would be devoted annually for that object during a term of 33 years.

The Minister of Public Works is reported to have formulated an advertisement contract with the Howard Syndicate, whereby the latter would undertake the exploitation of the Longitudinal Railway for a period of 50 years.

PHILIPPINES.

[J. F. Boomer, correspondent, Manila, September 14.]

Hydroelectric Power Development.

The Manila Power Co., a Connecticut corporation, has just obtained permission to do business in the Philippines. The company is incorporated for \$1,000,000 and is understood to be about to take over the Calayan water right granted by the last legislature to Charles M. Swift. The corporation is authorized to organize and operate hydroelectric power plants, to dispose of electric current, to acquire water rights, and to engage in other similar activities within the Philippine Islands. The incorporation papers were filed in Hartford, Conn., and the incorporators were Arthur L. Shipman.

William Waldo Hyde, and A. W. Hyde.
Construction of New Bridge.

The recent floods in and about Manila have damaged the bridge of Spain over the Pasig River to such an extent that traffic over the structure has been suspended and it will have to be dismantled to some extent, if not almost entirely taken down, to repair the damages. One of the supports near the middle of the stream has sunk perceptibly—to such an extent that it was feared the structure would collapse. The Government has under consideration constructing a new bridge over the Pasig lower downstream at a point opposite the end of Calle Rosario, or Juan Luna as it is now called. It is probable that funds will be found by the next legislature, to build the new bridge. It is not known what will be done with the old bridge of Spain. There is some talk of repairing the bridge and maintaining it temporarily. On the other hand, there is some likelihood that the old bridge may be torn down to facilitate river traffic. The low arches of the old bridge make a great handicap on river traffic. Meanwhile the remaining bridges over the Pasig are not sufficient to accommodate traffic, which impedes business.

NEW LAW IN AID OF SETTLEMENT.

Act of July 17, 1914, Allows Agricultural Entry of Large Areas Withdrawn on Account of Mineral Deposits.

Large areas of public lands heretofore withheld from all forms of entry because of the possible presence of mineral deposits are now open to agricultural settlement under a law which went into effect July 17, 1914. Entry under the new act involves the retention by the Government of title to certain specified minerals believed to underlie the lands. This sort of agricultural entry of coal land has been allowed since June 22, 1910, and of oil land in Utah since August 24, 1912. The present law extends this right of nonmineral entry to all public lands withdrawn, classified, or valuable for phosphate, nitrate, potash, oil, gas, or asphaltic minerals. Any form of nonmineral filing may be made—homestead, desert-land, timber and stone, State selection, or any other—the Government reserving the mineral deposits for which the lands are believed to be valuable and the right to prospect for and mine them. If, for example, a man should make entry in one of the great phosphate fields of Florida, Idaho, Utah, Wyoming, or Montana his patent would give him the right to the surface and to all minerals which might thereafter be found except phosphate. Or if his homestead should be in one of the oil fields of California, Wyoming, Utah, Colorado, or Louisiana, he would receive patent to everything but oil and gas. Before the Government or its assignee comes on his land to prospect for phosphate or for oil, the entryman is secured against any damages which he may sustain in the course of the prospecting or mining.

Will Open Up Dry-Farming Areas.

Inasmuch as large withdrawals of mineral lands have been made in the arid and semiarid Western States, where entries may be made under the

enlarged homestead acts, the recent law will considerably extend the area open to dry farming homesteads. Many applications for the designation of lands as subject to enlarged homestead entry have in the past been refused because the lands were withdrawn, but these applications may now be granted, and those whose applications have been refused on this ground should resubmit them to the Director of the Geological Survey. In this connection the Director reiterates a former statement to the effect that no definite form of petition is required, and that there is no necessity for employing the service of an attorney to draw up petitions. He suggests, however, that the following rules be observed.

Each application should be limited as far as possible to the specific tract desired for entry and should contain the applicant's post-office address and a description, by section, township, and range, of the applicant's original homestead entry and the date of this entry, as well as a description, also by legal subdivisions, of the land desired for additional entry. Information as to the possibility of irrigating the land should also be furnished and should include the distance and direction of the nearest stream or existing or proposed irrigation canal, the elevation of the lowest point of the land above such source of water supply, the depth at which water can be reached by wells sunk on the land, and all available information concerning attempts to obtain water by this method. The general character of the land, both of the homesteader's original entry (if he has made one) and of the land desired for additional entry, should also be described, to aid the Geological Survey in reaching a decision. It should be noted that at present only entrymen who have not made final proof are entitled to make additional entry.

This information should be embodied in a letter sent to the Director, U. S. Geological Survey, Washington, D. C. A formal petition drawn up by a notary will not result in any earlier consideration of the matter than will be given if the applicant writes personally. Action will be taken on each request as promptly as is consistent with a proper regard to other requests that are pending, and the applicant will be immediately notified when a final decision has been reached.

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul General R. E. Mansfield, Vancouver, British Columbia.]
To Connect British Columbia, Yukon, and Alaska.

Dr. Alfred Thompson, member of the Dominion Parliament from the Yukon, who is active in the development of the district which he represents, makes the announcement that railway communication between northern British Columbia, Yukon, and Alaska will follow the completion of the Canadian Northern Pacific and the operation of the Grand Trunk Pacific Railways. It is Dr. Thompson's belief that the next great railway to be constructed in Canada will be from a point on the Grand Trunk in British Columbia through the

northern part of the Province and the Yukon to connect with the system which is to be built by the United States Government in Alaska. This will open up a vast territory in northern British Columbia and southern Yukon, and give railway communication from Sydney to the boundary line of the Yukon on the one hundred and forty-first meridian west, making it possible to take a train in Vancouver and ride to the shores of Bering Sea. This will make an empire tributary to the cities of British Columbia, with Vancouver as the railway and commercial center.

The Yukon has large areas of fine agricultural land, and the gold production of the territory for the last year is estimated at \$6,000,000. The plan of the United States Government to spend \$35,000,000 in railroad construction in Alaska will give impetus to the building of connecting lines in British Columbia and Yukon, and will result in opening and developing much valuable territory rich in natural resources.

TRINIDAD'S OIL INDUSTRY.

The oil industry of Trinidad has reached such a degree of importance that the admiralty has decided to investigate the possibilities of obtaining supplies there. It is reported that Professor Cadman has arrived at Port of Spain with instructions from the admiralty to make a full report on the condition of the industry.

WILL CONSTRUCT DEPOT AND WHARF.

The Shell Oil Company, Kohl Bldg., has applied to the Board of Supervisors for a franchise to lay pipes and conduits in the vicinity of Michigan and Tulare streets, where it will construct a wharf and depot fronting on Islais Channel. The matter will be taken up by the Board at their next meeting.

225 MILLIONS FOR 18,000 MILES OF GOOD ROADS.

ATLANTA, Ga.—Through the government's efforts, 18,000 miles of hard surfaced roads have been built in the United States this year, according to Logan W. Page, director in the United States office of Public Roads and president of the American Highway Association, who addressed the opening session here of the fourth American Road Congress.

Mr. Page estimated that the aggregate expenditure for good roads this year would read two hundred and twenty-five million dollars.

Nearly 700 delegates attended the congress, which was presided over by Austin B. Fletcher of California, president.

Five hundred tons of material for the Japanese pavilion at the Panama-Pacific International Exposition arrived on October 23 from Yokohama. The structure was built in Japan and then "knocked down" to be brought to San Francisco in parts.

The word "brains" is plural when a man has them and uses them. When he has them and don't use them it's singular.

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Fourteenth Year, No. 47

BUILDING AND INDUSTRIAL NEWS

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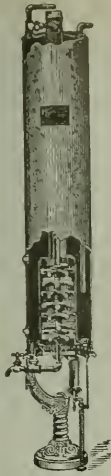
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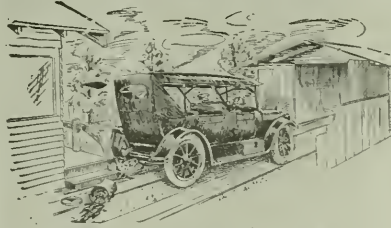
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Editorial Comment.

Building records for the month of October throughout the country show a gain over September although as compared to the same month last year there is a loss of some 20 per cent. Still the general tone is better and while November and December are generally slack in building circles the institution of the new banking system and the loosening up of money generally will in all probability have some effect in putting through many building projects. The record for last months as compared to 1913 is shown in the following table:

	October, 1914	October, 1913
City		
Akron	\$ 304,815	\$ 463,425
Albany	239,225	781,965
Atlanta	215,988	338,340
Baltimore	299,098	697,696
Birmingham	138,373	254,741
Bridgeport	174,437	185,195
Buffalo	604,000	1,347,000
Cedar Rapids	215,000	496,000
Chattanooga	61,872	89,470
Chicago	6,774,200	9,314,050
Cincinnati	402,235	589,345
Cleveland	2,265,685	1,979,075
Columbus	649,220	590,005
Dallas	204,150	519,435
Dayton	36,203	252,225
Denver	157,985	241,703
Des Moines	145,084	123,360
Detroit	1,491,225	3,079,540
Duluth	236,625	212,452
East Orange	122,507	136,966
Evansville	99,850	139,086
Fort Wayne	161,400	173,785
Grand Rapids	152,080	257,565
Harrisburg	57,475	150,615
Hartford	360,135	423,040
Indianapolis	337,689	573,048
Kansas City	533,790	1,540,765
Lincoln	53,800	89,037
Los Angeles	1,573,222	1,701,550
Louisville	327,040	332,580
Manchester	97,499	149,022
Memphis	105,580	196,490
Milwaukee	611,577	1,213,695
Minneapolis	1,064,570	1,240,950
Newark	707,086	675,530
New Haven	211,115	214,785
New Orleans	286,378	208,750
New York City	9,242,638	7,985,108
Manhattan	4,021,152	2,996,843
Bronx	1,292,080	907,397
Brooklyn	2,719,320	2,553,380
Queens	1,076,192	1,333,382
Richmond	131,891	194,206
Oakland	423,355	777,387
Oklahoma	19,975	15,800
Oklahoma	151,675	294,025
Omaha	55,247	174,255
Patterson	165,600	290,000
Portland	2,167,310	2,715,850
Philadelphia	1,082,348	1,262,387
Pittsburg	589,705	681,710
Portland	101,192	735,403
Rochester	107,602	171,390
Salt Lake City		

San Antonio	81,150	248,100
San Diego	115,846	594,779
San Francisco	2,570,911	2,148,990
St. Joseph	25,100	61,124
St. Louis	1,115,874	820,073
St. Paul	1,001,300	804,452
Seranton	306,335	402,251
Seattle	610,660	174,198
Shreveport	77,985	87,445
Sioux City	52,795	366,161
South Bend	25,153	40,250
Spokane	60,050	140,110
Springfield, Ill.	64,325	110,016
Syracuse	293,079	121,305
Tacoma	46,563	138,223
Toledo	104,929	845,360
Topeka	50,565	50,735
Troy	61,178	114,000
Wash., D. C.	407,411	660,392
Wilkes Barre	54,087	206,687
Worcester	550,507	494,044

Total

\$4,151,078 \$3,420,669

Economists' figures show that the war has already cost something like 5 billion dollars in money to the nations involved outside of the destruction of property and the inestimable loss to business and the irreparable loss of life. And this is the legitimate and natural result of militarism. When one nation arms itself and prepares to make war on its neighbors the result is either a world empire or continental wars in which the wealth of the world is wasted and progress is kept back to the standard of military achievement.

The nations of Europe will practically be bankrupt after the war. Where will Germany get the money to pay her debts, pay age insurance and the pensions which such a war will entail upon her? She could only do this by enslaving some other nation. And the enslavement of another nation means a slip backwards toward barbarism, and it necessarily places a burden upon the rest of mankind. If she fails Europe will no doubt exact as heavy toll and the outcome can be nothing else than the common people will have to bear this inconceivable burden that has been heaped upon humanity by supporting a military policy that belongs to the dark ages.

The reserve banks have been inaugurated and the general feeling is that they will help matters in the financial world. It is a long step toward freedom in money matters as the government itself will give to all an equal show independent of the money barons that have so long exacted tribute from every industrial enterprise. And there is every reason to believe that when the system gets into working order that the old tyranny of the Wall Street stock market will be forever broken.

Heavy Oil Engines In Small Units.

By H. P. Shepherd.

[Reprinted from the *Isolated Plant.*]

The circumstances which determined the design of various small gas engine units have undoubtedly exerted much influence on the design of our modern small oil engines. A large part of the factory output of the engine manufacturers producing the smaller sizes of internal combustion engines is sold for service in undertakings where the power cost is but a small fraction of the burden. This power equipment must possess characteristics which cannot be completely expressed by those efficiencies by which the engineer compares his work with the ideal, although such values will most certainly receive due consideration.

Most of the small gas and gasoline engines on the market today employ similar principles in the design of their mechanisms. Improvement or individuality is expressed mostly in constructional details or by the practical or artistic betterment of the design as a whole through a better compromise between the dictates of service and the requirements of the engineer, the foundryman and the machinist.

The fact that this condition has existed for some years cannot be offered as proof of an arrest in development, but rather that one or two more or less definite types have been evolved which are meeting service conditions satisfactorily.

It has been demonstrated from time to time that by certain alterations in the design these engines could be made to show better thermal efficiencies. In most cases these suggestions have not been extensively applied for the simple reason that the thermal gain was offset by the loss of some of those characteristics which make our design so useful a servant to man. We continue to construct along established lines because the present type represents a long sought for, satisfactory relation between first cost, fuel cost, upkeep and depreciation. It represents something even greater and that is reliability in unskilled hands. These engines can be shipped to any part of the globe with a small book of instructions with the assurance that they will do the work without the necessity of exporting an operator with them. They can be entrusted to irrigation duty or fire service, they will light towns and drive factories without cause for mental anguish on the part of owners or builders. They are here and holding their own for the same reason that the locomotive successfully competes with the central power economies, for the same reason that the production of simple slide valve and automatic steam engines for small power continues regardless of the thermal advantages of higher types.

It is reasonable to expect that the history of the small oil engine will parallel that of the small steam and gas engine. The late Dr. Diesel taught us how to build the most efficient

prime mover from thermal considerations and his work for the building of large engines has met world wide appreciation. The mechanism of these engines, although it may be sturdy as built for heavy units, becomes most delicate when an attempt is made to design small sizes, and it will readily be understood that notwithstanding the splendid returns from recent land and marine installations, the type does not accord with the adverse conditions of intermittent and unskilled care and improvised erection under which our small units must operate.

Careful study of tendencies both here and on the other side of the Atlantic seems to indicate that the future small oil engine including engines of 100 H. P. in that class is the hot bulb engine, and judging from the great number of designs emanating from old and established firms, the two-cycle hot bulb engine is receiving special favor. Although this motor is distinctly an American invention and no longer novel here, Denmark and Sweden have done some wonderful work along these lines in the past three years. In Denmark, especially, where engine builders have entered their products for test at various trials during this period, the two-cycle models have been steadily gaining points and the number of entries of four-cycle hot bulb engines has diminished until they are scarcely represented any longer.

The building of oil engines has been of necessity an extensive business in England for many years, most of the models produced having been of the four-cycle, low compression type using internal or external vaporizers. The policy of the technical press in that country toward the newcomer during 1912 seemed to be one of doubt in spite of the growing production of the type. Builders were called to account in editorials for so-called extravagant claims, but interest was shown and many examples of new designs were described. Not until 1913 did this engine really come into its own in that country as a prime mover of real technical interest, for in that year various competitive trials on the continent were published widely, and many engineers representing not the manufacturers, but the owners of numbers of these engines, came forward to champion the cause. Most interesting was the editorial in "Internal Combustion Engineering," of London, at the close of the year, reading in part as follows:

"It can be asserted without fear of contradiction that the greatest feature of internal combustion engineering during 1913 was the wide extension of patronage accorded to the hot bulb engine. Not only have many new manufacturers been convinced of the merits and advantages of this type of motor, but there has been a world wide demand for it. The reasons for this great and growing popularity are not difficult to see. Primarily, this type scores by its economy, but of far

greater benefit is its reliability with different sorts of fuels. Although it is now being manufactured with an output extending to nearly 100 H. P. per cylinder, its greatest application is found in moderate powers where it is rapidly replacing the older form of paraffin engine which at one time held the market to itself. It is inevitable that not every example of the type should attain the high level of excellence which has been set by leading productions, and regret must be expressed that certain manufacturers have obtained neither reliable nor economical results. The appearance of the basic parts of a good hot bulb engine is so simple that it seems to have deceived some engineers into the belief that little is to be done by the study of the thermal conditions and by quality of workmanship. In the majority of designs the two-stroke cycle is evident, this no doubt being due to the fact that absence of valves is not counter balanced by a serious loss of efficiency, as happens with the two-stroke cycle in the older form of engine."

The last statement is indeed true. It would seem that the very features of the two-stroke cycle construction upon which critics have based their reasoning tend either directly or indirectly to improve the combustion of the injection type of hot bulb engine. It is often stated that due to the alleged low volumetric efficiency of the charging arrangements of engines not employing scavenging pumps of greater displacement than the cylinders, imperfect combustion will result due to imperfect scavenging. In the light of present day knowledge, we know that within certain limits the presence of neutral gases results only in the necessity of designing for somewhat lower M. E. P., and while a reduction of M. E. P. would have some disadvantage of four-cycle construction, it does not put the two-cycle motor out of running for the reason that every revolution gives a power stroke per cylinder and the motor can still be kept well within the usual weight limits. It might be remarked in passing that the M. E. P. upon which these engines are usually rated is not by any means the maximum possible, but that at which the greatest economy of fuel is attained. A well designed engine of this type, like a diesel engine will carry extreme overloads, 50 per cent being not an uncommon figure, although at this load the combustion due to the very small excess of air presence will not be all that would be desired. Upon these grounds it will be understood that should the air charge be diminished either as an inherent feature of the design or deliberately to a greater extent than normal, no manufacturing or operating ills are brought about and a little further thought will make plain a real advantage. The admixture of the fresh charge with the high temperature neutrals left behind, together with the heat absorbed during

the scavenging process, will result in an initial temperature before compression considerably higher than the atmospheric temperature. In view of this fact data can be offered which would go to prove the temperature before the explosion at full load to be never less than 850 degrees Fahr. with but 180 degrees of compression resulting in a high final temperature, approximating Diesel temperatures after combustion and consequent good consumption of residues with enhanced economy. With the object of reducing the necessary compression it has been proposed repeatedly by engineers of standing to preheat the air charge of four-stroke cycle Diesel engine. Naturally the scheme has not found favor because of the increased cylinder size necessitated. That this same object can be accomplished without additional mechanism and due to what has been characterized as an imperfection of type and without any other disadvantage is most fortunate.

Of twelve well known motors of this type, disinterested tests of which were made and reported during 1910 and 1911 but one was equipped with a stepped piston and receiver to insure a volume of scavenging air greater than the power piston displacement. With one exception, that of a motor with a most efficient form of combustion chamber, this engine gave the worst consumption figures of all tested, the fuel requirement being 505 grams per metric horsepower hour, equivalent to about 1.15 pounds per English horsepower hour, the fuel being light and of the best quality.

The practice of feeding water with the air charge has been often criticized as one which could not but result in a great thermal loss due to the latent heat of the water which is lost in the exhaust. Still it is known that due to some action, chemical or physical, as yet a subject of much debate, the water feed results in better combustion. There is ample proof that with a proper rate of feed the water is completely vaporized by contact with the piston, cylinder walls and exhaust gasses before the beginning of the compression stroke, and is carried as superheated steam through the cycle. What effect is exercised over temperatures occurs through a change in the initial temperature before compression only. The latent heat which is, of course, lost, is that which would be lost to the jackets and exhaust normally, the actual jacket loss, when internal water injection is employed, falling as low as 3½ per cent and very seldom exceeding 10 per cent in comparison to the usual jacket loss of other types which varies from 20 to 30 per cent. Mechanically the extraction of the heat directly from the piston itself and from the interior of the cylinder walls has great advantages in the way of permitting good lubrication and of reducing expansion stresses in castings.

Frequent reference has been made in this paper to a properly designed engine. This applies chiefly to the combustion chamber, the requirements of which are rigid in direct contrast to gas engine work and to the fuel pump system and injectors. Improper design of these details is solely responsible for those engines which emit tar from the exhaust and

for those which carbonize rapidly. Poor design of these parts will result in heavy pre-matures rising to really dangerous pressures, almost beyond control, and in a limited fuel range, while with good design, audible pre-matures with or without water feed are unknown and the fuel range is all that could be wished for.

Too little space has been allowed in order that we might all talk to give time for discussion of the fuel range of these engines. It might be said that short of California and Mexican crudes or residuals testing high in coke, it embraces practically all petroleum fuels offered for engine use that are heavier than the naphthas—such as many crudes, residuals and fuel oils, all gas oils, distillates and kerosenes. Alcohol is also a good fuel. Further, it is found that the base of the fuel, whether or not it be cracked in production, is not of the least importance, there being no tendency to form carbon as long as the coke residue is within the 4 per cent limit usually prescribed for Diesel engine fuels. If the engine is given the necessary attention, fuels showing coke up to 9 per cent may be used with good results.

The full load fuel economy will vary with the size, running from 0.60 pounds for large cylinder engines and somewhat better for twin-cylinder engines to 0.85 pounds for the smaller sizes. The economy varies but little for a wide range of fuels, and is also approximately the same from three-fourths to full load and less than 15 per cent more fuel per unit is required at half load. At the present prices of fuel, this offers power at a most acceptable rate.

For generator drive the speed possibilities of the two-stroke cycle high-compression type of engine are most favorable. Due to the fact that there is compression every revolution to cushion the parts over the in-center, any lost motion in bearings is harmless, as the reciprocating parts never leave their journals, there being no reversal of pressure and no stress whatever on the connecting rod bolts.

Considerable criticism has been directed against the two-stroke cycle engine for the reason that crankcase compression has caused various ills. It might be remarked that by the use of a cross head and closed cylinder end such troubles are entirely avoided and the life of the engine much increased.

Most remarkable are the results obtained at light loads with a well-designed engine. The cards are much superior as to the combustion line to those taken from a throttling gas engine under light loads and the regularity of running without the air of torches leaves nothing to be desired, a point which is not often attained in oil-engine work.

THE PROBLEM OF DURABLE FLOORING FOR COUNTRY BRIDGES.

In very many cases the condition of bridges on state and county highways is not at all in keeping with the character of the highway. In the case of new construction, so far as possible, new bridges should be provided, which will be of a character corresponding to the highway improved. In cases where

this is impossible existing plank floors should be replaced with some form of improved flooring, either concrete, if the structure is of sufficient strength to carry it, or crueted blocks. This will in the end be found to be an economical measure as the increase in travel induced by the improvement to a highway subjects old bridges to an additional strain which many of them are not calculated to withstand. If such bridges were removed to some location where traffic is not so trying, and a modern bridge built at the point of improvement, both structures would last for many years.

The matter of providing satisfactory floors for those bridges which are not of sufficient strength to carry a concrete floor in addition to the live loads which they may be called on to carry, is a very serious problem. The annual cost of renewing ordinary plank floors is very great and is constantly increasing. Also it is yearly growing more and more difficult to get plank which will make a satisfactory floor. The loose, warped and twisted floors, which are getting to be so common, are a source of great annoyance to travelers and a big expense to the towns which have to maintain them. Treated wood blocks are recommended, for these may be used on many bridges whose strength will not permit the use of concrete, and when once properly laid are very high indestructible.

On those ridges where the cost of wood blocks is too great, a very satisfactory flooring may be made by 2x4-inch scantling set on edge, spiked together one by one as they are laid, and finished with a surface coat of hot tar and sand, fine gravel or stone screenings. This makes a smooth, noiseless and durable floor and is very much cheaper than plank laid in the ordinary way.—New York State Highway News, July, 1914.

GRAIN DOCKS AND FLOATING ELEVATORS AT ANTWERP.

The "dock of concentration" at Antwerp was, by the action of the city authorities just prior to the declaration of war, to have been a reality in 1916. The plan, conceived ten years ago, is to concentrate at one great dock all the grain barges which serve as warehouses, and the floating elevators which furnish the business to Antwerp's 300 grain houses. These elevators, with eight new ones voted last year, are twelve in number and are owned by the municipality. They are pneumatic with a lift of 100 feet and one car for a cargo of 5,000 tons in about three days which formerly detained a vessel there for fourteen days when hand labor was employed. While hostilities may perhaps set the work back another decade, hope may be derived by Antwerp and other stricken cities by remembering how calamity often has a most stimulating effect upon industry—as in such notable cases as San Francisco, Baltimore, etc.—Scientific American

WHEN OLD NOAH MET ON THE ELECTION.

Old Noah crawled into the bay.
He knew he'd win his bet
He looked out of the Ark next day
And said "The state's gone wet!"
—Fort Smith (Ark.) American.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$60,000. Architect, G. A. Applegarth, Call Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of California and Stockton streets, covering a large ground area. Upper floors will contain suites of two, three and four rooms. The main floor will be given over to a large lobby, office and social hall. Interior of the building will be finished in pine and hardwood with hardwood floors in the living rooms, lobby and social hall. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Marble and tile will be used in the entrance. Exterior of the building will be faced with cement plaster or pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of California and Stockton streets, and will contain a number of two, three and four room suites. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, William Menzior. The building will be erected at the southwest corner of California and Laguna streets, covering an area of 27½ by 96¼ feet, and has been designed to contain six suites of three and four rooms. There will be private garage space and a social hall in the basement. Interior finish will be of pine and blue gum. Hardwood floors will be used in the living and dining rooms. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. All apartments will have wall beds. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

OAKLAND, CAL. Apartment house, 2 story and base, frame. Cost not stated. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Hugh O'Kane. The building will be erected at the corner of College avenue and Taft street, and will contain a store on the first floor and small apart-

ments on the second floor. Interiors will be finished in pine and redwood. Wall beds and private baths will be used. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, Class C construction, \$45,000. Architect, Frederick H. Meyers, Bankers' Investment Bldg., S. F. Owner's name withheld. The building will be erected on Post street near Larkin and has been designed to contain thirty suites of two and three rooms. All apartments will have private baths and wall beds. Interior will be finished in pine and elm. Hardwood floors will be used in the living rooms and lobby. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Marble and tile wainscot will be used in the entrance. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$14,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building will be erected on the north side of California street 25 west of Leavenworth, having a frontage of 25 feet and a depth of 70 feet. The building will contain six suites of three and four rooms with private baths and wall beds. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat, oil burning system and a hot water system. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

VISALIA, TULARE CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architects, Bowen & Davis, Fresno. Owner, L. Lucier. The building has been designed to contain four suites of three and four rooms. Each apartment will have wall beds and private bath room. Interior finish will be of pine, redwood and elm with some hardwood floors. There will be a central heating system and hot water supply. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

BATH HOUSES.

SAN RAFAEL, MARIN CO., CAL.—Municipal bath house completion. Cost not stated. Architect, Thomas O'Connor, San Rafael. Owners, Town of San Rafael. Bids have been received for completing the second floor of the Municipal Baths. The bids of the two lowest men were taken under advise-

ment, these bids being as follows: J. A. Kappenmann, \$2,968, and Philip Le Cornec, \$3,172.50.

BONDS.

GRASS VALLEY, NEVADA CO., CAL.—Eight Nevada County rural districts—Chicago Park, Forest Springs, Lime Kiln, Indian Springs, Cottage Hill, Pleasant Ridge, Clear Creek and Markwell—will immediately take steps to form irrigation districts under the law of 1913 for the purpose of voting bonds for the construction of a system of water distribution to irrigate the area of farm lands below this city.

Action was taken at a meeting held in this city by forty representative agriculturists and landowners at which time the Nevada County Water Consumers' Association was reorganized on a permanent basis.

WINCHESTER, RIVERSIDE CO., CAL.—The Winchester School District bonds in the sum of \$4,000 have been sold to the Security Investment Company for par and accrued interest.

TEMECULA SCHOOL DISTRICT, RIVERSIDE CO., CAL.—A defect in the \$10,000 bonds of the Temecula School District will necessitate the calling of another election.

A date for the new election will be set in the near future.

TUCSON, ARIZ.—An election will be held in this city on December 14th for the purpose of voting bonds in the sum of \$14,000 for the erection of an armory building; \$50,000 for a city hall, and \$20,000 for additional fire equipment.

PHOENIX, ARIZ.—J. W. Thompson has purchased \$20,000 of bonds of school district No. 3, at par and accrued interest. The funds will be used in the construction of a new school building.

WOODLAND, YOLO CO., CAL.—A bond election held in Woodland to vote bonds in the sum of \$100,000 carried by a large majority.

The proceeds of the issue will be used in the construction and repairing of the school buildings.

SEATTLE, WASH.—At the regular meeting of the School Board of Seattle it was definitely decided that the question of issuing bonds in the sum of \$500,000 for the construction of new school buildings would not be submitted to the voters at the special school election this year.

The matter will be taken up again by the board in the early part of 1915.

UPLAND, SAN BERNARDINO CO., CAL.—The \$25,000 bond issue voted for the purpose of improving the city streets and purchasing new fire apparatus has been sold to the First National Bank of Upland at a premium of \$229.

CARTHERS, FRESNO CO., CAL.—The proposed bond issue in the sum of \$70,000 for the erection of a new school building failed to carry at the special election held here.

GRANDVIEW, WASH.—The second

bond issue for \$10,000 will be submitted to provide for the construction of a pumping plant.

WALLACE, IDA.—Special bond election will be held to submit question of bonds for construction of 20 blocks of paving together with intersecting streets and alleys, construction to be taken up in the spring.

McMINNVILLE, ORE.—The bond issue voted upon recently carried. The funds will be used for the purchase of fire apparatus.

KLAMATH FALLS, ORE.—Two bids were received by the City Council for the \$25,021.15 bonds to pay for the Eighth street improvement.

The bid of J. H. Garrett, who made the improvement, was accepted. Garrett bid par value and accrued interest.

The Hackett Bond Company of Chicago bid par, and asked the city to pay \$1,117 for legal services in the company's investigation into the legality of the bond issue.

SEATTLE, WASH.—The issue of \$829,500 in bonds the proceeds of which will be used in the construction of steel and concrete bridges across the Lake Washington Canal, has been sold by the city at par and accrued interest.

Plans are now being prepared in the office of City Engineer A. H. Dimock and will be ready so that work may be started in the early spring.

ASHLAND, ORE.—The proposed charter amendment empowering the Common Council to issue additional bonds for water and light purposes was carried by 967 majority.

Specifically this validates the issue of \$175,000 mineral springs project bonds.

RICHMOND, CONTRA COSTA CO., CAL.—By a unanimous vote the Board of Supervisors has decided to purchase for the county the last half of the \$150,000 school bonds voted in Richmond last January.

The bonds drew no bidders when advertised, and to make it possible for the construction of school buildings, the Supervisors have ordered the bonds purchased.

CHATSWORTH PARK SCHOOL DISTRICT, LOS ANGELES CO., CAL.—An election will be held on December 5th to vote bonds of \$34,000 for the construction of new school buildings and equipment. F. Metzloff and Mrs. Emma Johnson are members of the school board.

SAN FERNANDO, LOS ANGELES CO., CAL.—By a vote of 199 to 9 bonds of the Morningside School District carried. The bonds were for \$55,000, the proceeds of the sale to be used in the construction of new school buildings.

PHOENIX, ARIZ.—Sealed bids will be received by the Board of Supervisors of Maricopa County in the city of Phoenix until December 7th for the purchase of 30 District No. 1 school bonds.

James Miller, Jr., is the Clerk of the Board.

TUCSON, ARIZ.—An ordinance ordering an election to be held in Tucson December 14th, to vote on the question of issuing bonds as follows: \$50,000 for a city hall, \$20,000 for better fire equipment, \$15,000 for construction of the Congress bridge, \$35,000 for street lighting bonds, \$50,000 for sewers and \$14,000 for funding bonds, has been passed.

L. O. Cowan is the City Clerk.

CAMULOS SCHOOL DISTRICT, VENTURA CO., CAL.—Bids will be re-

ceived by the Clerk of the Board of Supervisors for the purchase of the Camulos School District bonds in the sum of \$15,000.

Proceeds of the sale will be used in the construction of a new school building.

J. B. McCloskey is the Clerk of the Board of Supervisors.

SUSANVILLE, LASSEN CO., CAL.—The proposal to bond Susanville for a new water system is now under discussion by the Susanville Chamber of Commerce.

It is thought that a date for the election will be set in the near future.

SAN FRANCISCO, CAL.—The Southern Pacific Company has filed application with the Railroad Commission to issue bonds in the sum of \$1,500,000, the proceeds of which will be used in the purchasing of new equipment consisting of cars and trackage.

VISALIA, TULARE CO., CAL.—The bond election held in Visalia on November 17th failed to carry. The amount of the issue was \$83,000.

Bonds of \$12,000 for the bettering of the fire department carried.

The bonds which were defeated were for a new sewer system.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Bridge, steel cantilever type, \$50,000. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. A meeting of the Board of Public Works and the Street Committee has been arranged at which the question of erecting a new bridge over the Channel at Fourth street will be considered. The old Fourth street bridge, erected over 45 years ago, has at last given away and will have to be closed to all traffic. The United Railroad cars and all heavy trucking will be routed over the Third street bridge during the construction of a new steel structure of the cantilever type. Plans for this structure will be prepared at once by the City Engineer.

SALINAS, MONTEREY CO., CAL.—Bridge, reinforced concrete, \$5,000. Engineer, County Surveyor, Salinas. Owners, Monterey County. W. L. Gilham of San Jose was the only bidder on the construction of the tri-county bridge over the Pajaro River near Aromas. His bid was \$9,000, or \$4,700 more than the County Surveyor's estimate. The bid was rejected. It is probable that new bids will be called.

FRESNO, FRESNO CO., CAL.—Bridge, reinforced concrete, \$2,000. Engineers, Federal Engineering Co., L. A. Owners, Fresno County. The Supervisors have authorized the Federal Engineering Company of Los Angeles to prepare plans and specifications for the construction of a bridge across the Kings River above Sanger on the new Fred Turner road. The structure will be of concrete construction, 100 feet long. On approval of the plans bids will be called.

TULARE, TULARE CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Tulare. Owners, Tulare County. Plans and specifications for a reinforced concrete bridge to be erected over Cottonwood Creek in the Fourth Road District have been completed and approved. Bids are now being taken and will be opened by the Supervisors on December 7th. Plans and specifications

will be available from the County Engineer at Tulare. A bid filed at Tulare, Cal., for a reinforced concrete bridge, 100 feet long, 12 feet wide, over Cottonwood Creek in the Fourth Road District, Tulare County, filed opened by the Supervisors for the construction of eight concrete or steel bridges on the west side of the State Highway, are as follows:

	Concrete	Steel
Wm. Stephens	\$1,500	\$1,100
Chico Const. Co.	1,500	1,100
Walcott & Brunk	1,500	1,100
H. C. Cameron	1,500	1,100
Pacific Bridge Co.	1,500	1,100
Fritz & Horn	1,500	1,100
E. K. Cotton	1,500	1,100
R. W. Moller, S. F.	1,500	1,100

The bids were laid over for consideration. An award will be made at an early date.

RED BLUFF, TEHAMA CO., CAL.—Bridge, steel. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. County Surveyor Lanning has been instructed by the Supervisors to revise the plans and specifications for the steel bridge across South Fork of Cottonwood Creek. The revised plans will be submitted to the Board at the earliest possible date, when it is thought that bids will be taken.

RED BLUFF, TEHAMA CO., CAL.—Bridge, steel, \$2,500. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Bids opened for the construction of a steel bridge across Salt Creek in Road District No. 4 are as follows: McCartney & Haskell, \$2,674; R. W. Moller, \$3,184; Wm. Stephens, \$3,155; Walcott & Brunk, \$3,042.

Awarding of the contract was held over until the next meeting of the Board.

SAN FRANCISCO—Bridge repairs. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Engineer Hunt, of the City Department of Engineering, states that it has been decided to repair the Fourth street bridge for the present and that a new structure will not be erected until additional funds can be provided for by the Supervisors. It is also the intention to enlarge the Third street bridge so that the Fourth street cars can be routed via Third street until repairs have been made.

SAN FRANCISCO—Wharf, pile and timber construction. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The new structure will be known as Pier No. 34, and will be 800 feet long, 17 feet wide. There will be a one-story timber shed covering the entire pier with passenger galleries on two sides. An extension of the Belt Line Railroad will be constructed on the north side of the pier. Construction will be of cross-tied piles and heavy timber. Bids will be called for in about a month.

SEATTLE, WASH.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. Plans for a new bridge over the Duwamish River in the city of Seattle will be completed in early spring. The issue of \$800,000 in bonds made it possible for the bridges to be erected. The structures will be of concrete con-

struction and will be erected across the Lake Washington Canal.

Contracts Awarded.

SAN FRANCISCO—Ferry building extension, 2 story. Class A construction, \$37,100. Architect, State Architect George B. McDougall. Sacramento, Owners, State of California. Contractors, Construction and Engineering Co., 561 Eddy street, S. F. Contract price, \$37,100.

CHURCHES.

CENTERVILLE, ALAMEDA CO., CAL.—Church alteration, frame construction. Cost not stated. Architect, John J. Foley, 46 Kearny street, S. F. Owners, Holy Ghost Catholic Church. The main auditorium will be enlarged and entirely refinished. Work will require new interior finish, plastering, electric work and art glass. No exterior alterations will be made. Plans are being prepared.

DINUBA, TULARE CO., CAL.—Church, 1 or 2 story and base, frame. Cost not stated. Architect not selected. Owners, German Congregational Church of Dinuba. Articles of Incorporation have been filed with the County Clerk by the German Congregational Church of Dinuba. It is said the new church will occupy a prominent corner in Dinuba, but the exact location has not been decided upon, as there are two lots being considered.

LOS ANGELES, CAL.—Church, 1 story, gallery and base, frame and plaster. Cost not stated. Architect, Robert H. Orr, Van Nuys Bldg., L. A. Owners, South Park Christian Church. The style of architecture will be modified Lombardic. The building will be 100 by 86 feet, with a basement 68 by 46 feet. The first story will contain a main auditorium, 56 by 45 feet; Sunday school room, 24 by 40 feet; primary room, 22 by 24 feet; 10 class rooms, parlor, pastor's study and choir room. There will be five large and five small class rooms in the gallery. The basement will contain a banquet room, 68 by 46 feet; kitchen, two class rooms, and furnace room. The building will be of frame construction with concrete foundation, tapestry brick veneer on the exterior, red tile and composition roofing, pine interior trim and floors, art glass windows and interior domes, tile mantel, heating system. Plans are nearly complete and the work will be done by subcontract and Day Labor. **RIVERSIDE, RIVERSIDE CO., CAL.**—Church, 1 story and base, brick, \$25,000. Architect, Thomas H. Power, Higgins Bldg., L. A. Owners, Roman Catholic Church. The building has been designed in the classic style and will cover an area of 50 by 150 feet. There will be a main auditorium, Sunday school rooms and study. Interior will be finished in pine and ornamental plaster. A central heating system will be installed. Marble, tile and art glass are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken for the foundation work. Other contracts will be let shortly.

COURT HOUSES.

SACRAMENTO, CAL.—Court house, 2 and 4 story and base. Class A construction. Cost not stated. Architect not selected. Owners, Sacramento

County. By resolution, the Board of Supervisors accepted the bid of the City of Sacramento of \$16,000 for the purchase of the northwest corner of the court house lot, which is to be used as a site for the City Hall of Justice.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Laundry building, 2 story and base, reinforced concrete, \$15,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on the south side of California street west of Lyons, and will have a frontage of 25 feet and a depth of 175 feet. Interior will be finished in pine and redwood. Special laundry machinery and boilers will be installed under separate contract. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Express depot, 1 and 2 story, heavy timber. Cost not stated. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California, leased to Wells-Fargo Co. The building will occupy the southern most dolphin used by the ferry boats. The main floor will be 110 by 430 feet while the two-story portion will be 110 by 200 feet. Interior will be finished in pine throughout. Special equipment will be installed by the Wells-Fargo Co. Plans have been approved by the State Harbor Commissioners and figures will be called for shortly.

MARE ISLAND, CAL.—Refrigerating plant, 1 story, reinforced concrete. Cost not stated. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. The time for opening bids on the refrigerating plant at Mare Island has been extended until December 5th. Bids were to have been opened on November 21st.

Contracts Awarded.

SEATTLE, WASH.—Warehouse, 9 and 16 story and base, reinforced concrete and steel, \$640,000. Architect, George C. Nimmons, People's Gas Bldg., Chicago. Owners, Sears-Roebuck Co. Contractors, Grant, Smith & Co., Henry Bldg., Seattle. Contract price, \$640,000.

FLATS.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$4,000 each. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two buildings will be erected on adjoining property on the east side of 20th avenue north of California street. Each building will have a 25-foot frontage and be 60 feet deep. Interiors will be arranged for two flats of six rooms each. Pine and redwood with some elm panels will be used for interior finish. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, L. Traverso, 354 Union street, S. F. Owner, Amedeo Dondero. The building will be erected on Winter street east of Mason, and has been designed to con-

tain two modern flats of five rooms each. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and the work will be done by Day Labor under the direction of the architect.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Algot Nelson, 4333 19th street, S. F. The building will be erected on the west side of 11th avenue north of Fulton street, and has been designed to contain two modern six-room flats. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Tile wainscot and automatic water heaters will be used in the bath rooms. Entrance will be finished in marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,300. Architect, C. Fantoni, 916 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Pacific street east of Jones and has been designed to contain one six-room and one seven-room flat. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be large open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete and steel, \$20,000. Architect, C. F. Gottschalk, Phelan Bldg., S. F. Owners, William Curless Estate. The building will be erected on Green street near Pierce and has been designed for a modern commercial garage and will be of fire-proof construction. There will be reinforced concrete walls, floor and steel roof trusses. Interior will be finished in pine. Special gasoline storage tanks will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for shortly.

GOVERNMENT WORK & SUPPLIES.

Grand Valley Project.

The Secretary of the Interior has authorized the Reclamation Service to accept the proposal of Thorn & Whiting, of Springville, Utah, for earthwork on the Main Canal Grand Valley project, Colorado, whose bid of \$9,180 was the lowest received.

Military Motor Tractors.

The conclusion has been reached by the War Department, at the instance of the Army board of ordnance and fortifications, that it would be advisable to have a comparative test of types of motor tractors, with a view of

HOSPITALS.

SAN FRANCISCO—Hospital elevator work. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being called for by the Board of Public Works for changing the elevator control in the main group of buildings in the City and County Hospital. Bids will be opened on November 25th. Plans and specifications can be secured from the City Department of Architecture.

SAN FRANCISCO—Hospital ward building and garage, 2 story and base, brick and steel, \$73,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Formal approval has been given plans and specifications for the construction of the Pathological Ward and garage building to be erected at the City and County Hospital. Plans were prepared by Architects Righetti & Headman. Money in the amount of \$73,000 is now available for construction. Plans have also been approved by the Board of Public Works for the installation of fire escapes and vacuum cleaning system at the City and County Hospital.

HOTELS.

OAKLAND, CAL.—Hotel and stores, 7 story and base, Class A construction, \$104,000. Architect, William Wilde, 1735 Broadway, Oakland. Owner, O. J. Mead. The building will be erected at the southeast corner of 10th and City streets, covering a considerable ground area. Plans provide for several stores besides the hotel office and lobby on the ground floor. Upper floors will be divided into 108 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood. Tile floor and ornamental plaster will be used in the lobby and office. There will be steam heat, elevator service, hollow tile interior partitions, a hot water supply and vacuum cleaning system. Metal window sash and frames and patent store fronts will be used. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will be called for shortly.

FRESNO, FRESNO CO., CAL.—Hotel and store, 2 story and base, brick and steel, \$20,000. Architects, Bowen & Davis, Fresno. Owner, W. Jarmigan. The building will be erected on I street between Inyo and Kern. There will be two stores besides the hotel lobby on the first floor. Upper floor will be arranged for a total of 32 rooms and several public baths. Interior finish will be of pine and redwood. Tile wainscot will be used in the baths. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LIBRARIES.

SAN FRANCISCO—Library, 2 story and base, Class A construction, \$60,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Working drawings will be completed within three weeks for the Mission Branch

Library, which is to be erected at the corner of 21th and Bartlett streets. The building has been designed in the classic style and will have a complete steel frame with terra cotta facing. Interior will provide two large public reading rooms besides children's department, work space and stack rooms, office and toilets. Interior will be finished in pine and hardwood with metal stacks, metal window sash and frames and hollow tile partitions. Bids will be called for by the Library Trustees. Further mention will be made of the work.

OAKLAND, CAL.—Library, 1 and 2 story and base, brick and steel, \$30,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Oakland. Preliminary plans have been started for the first of three branch libraries to be erected in Oakland. The first building will be erected in the Fremont School District and will be in the classic style. There will be two main reading rooms, stack rooms, work space and office for the librarian. Pine and hardwood interior trim will be used. There will be a central heating system, oil burning plant and vacuum cleaning. Exterior of the building will be faced with cement plaster or pressed brick and terra cotta. Plans are being prepared.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Lunch rooms, 2 story, frame and plaster, \$10,000. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, San Francisco Dairy Lunch. The building will be erected on the Zone and will contain two large dining rooms, kitchen and dressing rooms. Interior will be finished in pine throughout. Considerable tile will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Pipe line system. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are being taken for constructing a pipe line system for the auxiliary water supply. Bids will be opened on November 27th. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN DIEGO, CAL.—County exhibit buildings. Cost not stated. Architect, none. Owners, Santa Clara and Alameda Counties. Plans and specifications for fitting up the Santa Clara and Alameda Counties building at the San Diego Exposition have been adopted and the Clerk has been ordered to call for bids. Bids will be received until December 21st at 11 a. m. Plans and specifications together with full information may be had from the Clerk of the Supervisors, San Jose.

SAN FRANCISCO—Exhibit work. Cost not stated. Architect, James Narbett, Richmond. Owners, Contra Costa County. Architect Narbett has been chosen by the Contra Costa County Commissioners, J. Sweeney and John Birmingham, to design the exhibit for a space of 4,000 square feet in the California Building. The working drawings will be started immediately.

Contracts Awarded.

SAN FRANCISCO—State exhibit building, 1 and 2 story, frame and plaster, \$25,000. Architects, Averstreet Spencer & Payne, Jackson, Miss. Owners, State of Mississippi. Contractors Foster-Vogt Co., Sharon Bldg., S. F. Contract price not stated.

SAN FRANCISCO—Booth display frame construction. Cost not stated. Architect, none. Owners, George Russell Reed Co., 341 Clay street, S. F. Contractors, Fink & Schindler Co., 226 13th street, S. F. Contract price not stated.

POST OFFICES.

THE DALLES, ORE.—Post office, 1 story and base, brick and steel. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington D. C. Owners, United States Government. Bids opened for this work show Geo. Jackson, 1013 Irving street, Portland, Ore., low man. His bid was \$73,978 for sandstone and \$76,000 for lime stone. The contract will include the completed structure, including mechanical equipment, interior lighting fixtures and approaches.

RAILROAD CONSTRUCTION AND EQUIPMENT.

THE DALLES, ORE.—Round house, story, reinforced concrete, \$140,000. Engineer, Engineering Department Oregon-Washington Railroad and Navigation Co., Portland. Owners, Oregon Washington Railroad and Navigation Co. The company will expend about \$140,000 in the construction of a 30 stall roundhouse of concrete construction, with a complete new layout of switching tracks and several small buildings.

SAN FRANCISCO—Car barns, 1 and 2 story and base, reinforced concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and figures are now being taken for the first story of the new Potrero Car Barns, which will be erected on the block bounded by 18th Hampshire, York and Mariposa streets. Construction will be of reinforced concrete with steel roof trusses, metal window sash and frames and a cement floor. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Special machinery equipment will be let under another contract. Bids will be opened by the Board of Public Works on December 2nd. Plans and specifications can be secured from the City Department of Architecture.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken by the Board of Public Works for the construction of the California street extension of the Municipal Railroads. Bids are to be opened by the Board of Public Works on December 2nd. Plans and specifications can be secured from the City Engineer. An official proposal appears in another column of this issue.

Contracts Awarded.

LOS ANGELES, CAL.—Freight shed 1 and 2 story and base, reinforced concrete.

crete. Cost not stated. Engineer, Engineering Department Santa Fe R. R. Co., Kershoff Bldg., L. A. Owners, Santa Fe Railroad Co. Contractors, William Simpson Co., San Diego Contract price not stated.

RESIDENCES.

SAN FRANCISCO—Residence, 2, 2 story and base, frame, \$3,000. Architect, none. Owner, L. Arthur, 1230 Arguello Blvd., S. F. These two houses will be erected on the west side of 25th avenue south of Lincoln Way, and each has been designed for a seven-room house with bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. The dwelling has been designed for a six-room house with bath and will be erected on the west side of 11th avenue north of Balboa street. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$8,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John L. Little. The dwelling has been designed for an eight-room house with two baths, sleeping porch and garage, and will be erected on the west side of 11th avenue between Anza and Balboa streets. Interior of the main floor will be finished in blue gum while the upper floor will be finished in pine and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Oscar Heyman & Bro., 742 Market street, S. F. The dwelling has been designed for a six-room house and will be erected on the east side of Mission street south of Santa Marina. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room with the mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owners

who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, H. B. and L. D. Allen. The dwelling will be erected on the east side of 9th avenue north of Moraga, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and jessero with white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have tile wainscot and floor and will be equipped with shower. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owners, Price Bros., 5631 Shafter avenue, Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch and will be erected on Lake Shore avenue. Interior will be finished in pine and redwood with some hardwood veneer and white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$12,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. A. Miller. The dwelling will be erected in the Claremont Tract and has been designed to contain ten rooms, three baths and sleeping porches. A garage will be erected in the rear of the property. Interior of the house will be finished in pine, hardwood veneer and white enamel. Hardwood floors will be used throughout except in the bath rooms. Plans provide for a central heating system, probably hot water. Open fire places and tile mantels are also specified. Bath rooms will be finished in tile and equipped with showers. Exterior of both house and garage will be covered with cement plaster on metal lath. Plans are being figured.

OAKLAND, CAL.—Residence, 2, 1 story and base, frame, \$2,500 each. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Charleston. These houses will be erected at the corner of 55th and Grove streets and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood with some hardwood floors. Each living room will have and open fire place with tile mantel. Bath rooms will be finished in tile. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2, 1 story and base,

frame, \$3,000 and \$4,000. Architect, Ralph P. Morrell, 444 Fellows Bldg., Stockton. Owners, Totten, Geo. and Shepherd, 102 Main street, Stockton. These houses will contain six rooms each. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath rooms will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architects, Hodge & Mitchell, Bankers' Investment Bldg., S. F. Owner, W. E. Palmer. The dwelling has been designed for a twelve-room house with three baths and sleeping porches. Interior will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: H. M. Nelsen, 250 South 13th street, 1 story frame dwelling and garage, \$2,500; V. Giestra, 744 North 14th street, 1 story and base, frame cottage, \$1,600, and George Hamburg, Santa Clara between 27th and 28th streets, 1 story frame cottage, \$1,500. Materials are now being purchased.

SAN FRANCISCO—Residence alterations, 2 story, frame, \$4,400. Architects, O'Brien Bros., Clunie Bldg., S. F. The dwelling located at 3014 Clay street will undergo extensive alterations. The building contains sixteen rooms. New interior finish will be installed, hardwood floors, plastering, papering, electric work, plumbing and a steam heating system are included in the work. A garage will also be built in the basement. Plans are now being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Phillip Thayer. The dwelling will be erected on Mountain avenue and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine, redwood, hardwood veneer and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

LOS ANGELES, CAL.—Residence, 2 story and base, brick. Cost not stated. Architect, J. Merlyn Brooks, Van Ness Bldg., L. A. Owner, James G. On. The dwelling has been designed for a twelve-room house with four baths, sleeping porches and a garage, and

will be erected on Gresham Blvd. Interior will be finished in pine and hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the dwelling will be faced with pressed brick. Plans are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Cottage, 1 story and base, frame, \$2,500. Architect, none. Owner, C. A. Gould, 662 North 15th street, San Jose. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine and redwood. There will be an open fire place and have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day labor.

MADERA, MADERA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Coates & Traver, Head Bldg., S. P. Owner, A. J. Menasse. The building has been designed to contain seven rooms with bath. Interior will be finished in pine with some elm panels. There will be furnace heat and open fire places. Brick or tile mantels will be specified. Tile wainscot will be used in the bath. Exterior of the dwelling will be faced with cement plaster. The plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. The building will contain in the neighborhood of five rooms and one bath. Interior of the dwelling will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. There will be tile mantels. A hot water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the building will be faced with cement plaster. Plans are now being completed.

WASCO, KERN CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owner, Dr. E. S. Fogg. The dwelling has been designed to contain five rooms and an office. Interior of the dwelling will be finished with pine and some redwood. A brick or tile mantel will be installed. There will be furnace heat and open fire be covered with cement plaster and shiplap. The plans are now being completed.

SCHOOLS.

OAKLAND, CAL.—School, 1 story and base, brick and plaster, \$35,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The building will be erected on the old Tompkins School site and will replace the building recently destroyed by fire. There will be eight class rooms, teachers' rooms, assembly hall and principal's office. Interior will be finished in pine with some maple floors. A central heating system, probably steam heat will be installed. There will be modern school plumbing. Exterior of the building will be covered with cement plaster. Plans are now

being prepared. Further mention will be made of the work.

OAKLAND, CAL.—School retaining wall, concrete. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Nissen Bros. of Oakland presented the lowest bid for constructing the concrete retaining wall at the Lockwood school at \$7,818 and will probably be awarded the contract. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

OAKLAND, CAL.—School, 1 and 2 story and base, reinforced concrete, \$165,000. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The building will be erected at the corner of 32nd and Magnolia streets. The building has been designed for a fourteen-room school with a large auditorium, principal's office, departments of domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, a modern system of ventilating, school plumbing and vacuum cleaning. Program clocks will be installed. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being completed and will be out for figures in three weeks.

SEWERS, STREET WORK & WATER SYSTEMS.

FRESNO, FRESNO CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Resolutions for the paving of K street from Inyo to Isabella have been passed by the Supervisors. Bids will soon be called for on the work.

ETNA, SISKIYOU CO., CAL.—Sewer system and garbage disposal plant. Cost not stated. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owner, Town of Etna. Plans have been completed for a complete sewer system and a garbage disposal plant. Vitrified ironstone pipe will be used. The garbage plant will be of reinforced concrete. Plans and specifications can be secured from the engineers. Bids are now being taken and will be opened on November 28th at 7 p. m.

SANTA ROSA, SONOMA CO., CAL.—Street cleaning machines. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Bids for three street cleaning machines have been submitted to the City Council and were taken under advisement. The bids of Edward R. Bacon and Parrott & So. of San Francisco were taken under advisement.

CALIFORNIA—Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Plans are complete and figures will be opened on December 14th for the following work: Siskiyou County, 16.9 miles to be graded; Sutter County, 11.7 miles of Portland cement concrete; Los Angeles County, 14.5 miles to be graded, and Orange County, 5.5 miles of Portland cement concrete. Plans and specifications can be secured from the State Highway Commission at Sacramento.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer work. Cost not stated.

Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans and estimates for the lateral sewers to be laid in the Bay View Park addition have been approved by the City Council. Bids for the \$30,000 sewer system in the Hermann addition will be opened by the Council on November 30th.

Contracts Awarded.

RIVERSIDE, RIVERSIDE CO., CAL.—Street paving, \$32,000. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson-Shea Co., L. A. Contract price, \$32,000.

LODI, SAN JOAQUIN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Lodi. Owners, City of Lodi. Contractors, Clark & Hener, Sacramento. Contract price, grading 3c per square foot; pavement, 20c per square foot; curbs 40c per lineal foot and gutters, 25c per lineal foot.

MARTINEZ, CONTRA COSTA CO., CAL.—Earth embankment, \$18,500. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Contractors, Delta Dredging Co., Antioch. Contract price, \$18,500.

SANTA ANA, ORANGE CO., CAL.—Ornamental lighting system, \$17,750. Engineer, City Engineer, Santa Ana. Owners, City of Santa Ana. Contractors, F. O. Engstrom Co., Los Angeles. Contract price, \$17,750.

SANTA ANA, ORANGE CO., CAL.—Road construction, \$23,036.26. Engineer, County Surveyor, Santa Ana. Owners, Orange County. Contractor, George Wiegand, Santa Ana. Contract price, \$23,036.26.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base, frame, \$5,000. Architect, William Knowles, Hearst Bldg., S. F. Owner, Mrs. Clara L. Bennett. The building will be erected at the northwest corner of Bryant and 5th streets, covering an area of 62½ by 82½ feet. There will be two stores. Interiors will be finished in pine. Exterior will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of the architect, who is now purchasing all materials.

SAN FRANCISCO—Waterproofing, brick buildings. Cost not stated. Architect, none. Owner, Mr. Kitterman, 1325 Stockton street, S. F. The owner is now taking figures for waterproofing three large brick buildings located on Stockton street.

SACRAMENTO, CAL.—Market building, 1 story and base, brick. Cost not stated. Architect, none. Owner, Grant Black, Sacramento. Grant Black, who owns the 80 by 160 foot southeast corner of Seventh and M streets, is considering plans for the erection of a market building similar to the one at Oakland. If the plans are carried out there will be more than 100 booths in the structure, and they will be grouped about a cold storage plant.

SEALED PROPOSALS.

PROPOSALS FOR METAL WORK. METAL WORK—Sealed proposals will be received at the bureau of light houses, Washington, D. C., until 1 o'clock p. m. December 10, 1914, and then opened for furnishing cast iron and bronze metal work, etc., for Cape St. Elias Light Station, Alaska. Bids and proposals and particulars may be obtained by addressing the COMMISSIONER OF LIGHT HOUSES, WASHINGTON, D. C.

SIGNER OF LIGHT HOUSES, Washington, D. C.

PROPOSALS FOR BUILDING CAR BARN.

OFFICE OF THE BOARD OF PUBLIC WORKS, of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of December, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of the first story of the Seventeenth Street Car Barn, Contract No. 27, Section "A."

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days from the date of the contract to be made and entered into, and completed within the time limits set forth in said specifications.

The amount of bond for faithful performance of contract has been fixed at \$100,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. December 8, 1914, for the construction of a portion of the Fishkun Reservoir Supply Canal, involving about 68,000 cubic yards of excavation, 1,600 cubic yards of concrete, the placing of about 24,000 pounds of reinforcing steel and the placing in wooden structures of about 28,000 B. M. of lumber. The work is situated on the south side of the Sun River, about 9 miles west of Clark County, Montana, about 20 miles northeast of Gilman, the terminus of the Sun River Branch of the Great Northern Railway. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR CANAL WORK.

CANAL WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, St. Ignace, Mont., until 3 o'clock p. m. December 15, 1914, for the construction of about 35 miles of canals and laterals, involving the excavation of about 106,000 cubic yards of material. The work is situated on the east side of the Flathead River, about 15 miles southwest of Polson, Mont., and 9 miles west of Ronen, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignace, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR STEEL TANKS.

STEEL TANKS.—Sealed proposals, indorsed "Proposals for Fuel-Oil Tanks," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. December 12, 1914, and then and there publicly opened for nine (9) o'clock a. m. December 13, 1914, at the navy yards, Puget Sound, Wash., Mare Island, Cal., and Norfolk, Va., and naval coal depots, San Diego, Cal., and Mobile, Ala. Plans and specifications on application to the bureau.

R. STANDFORD, chief of bureau.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS, of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 25th day of November, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

Changing the system of Elevator Control in the Main Group of buildings of the San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, in which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within forty-five (45) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

OFFICE OF THE NORWEGIAN-AMERICAN ALLIANCE OF THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

340 Sansome Street, San Francisco, Cal.
November 17, 1914.

SEALED PROPOSALS will be received at this office and opened in public at 1 o'clock P. M. on the 23rd day of November, 1914, for furnishing all Materials and Labor Necessary for the Erection and Completion of the SAN PAXION, in accordance with plans and specifications prepared for same. Full particulars regarding these bids, as well as plans and specifications, can be had at this office.

H. S. SWENSON, General Secretary. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., November 17th, 1914.—SEALED PROPOSALS, in triplicate, for dredging around Transport and Harbors at Fort Mason, Cal. will be received here until 11 A. M. December 1, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit \$10,000 required for return of plans, etc. Proposals to be enclosed in sealed envelopes and addressed GEO. McK WILLIAMSON, Lt. Col., Q. M. Corps. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room "12, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9:00 A. M. Friday, November 27, 1914, for installing Pipe Line System for Auxiliary Water Supply in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International

Exposition Company in the sum of ten (10) per cent of the amount of the bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that bid which the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the bid with the contract in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract. The successful bidder must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payment will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. And persons making out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

Order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER, Chairman. (*)

SEALED PROPOSALS.

PROPOSALS FOR CANAL WORK.

CANAL WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, St. Ignace, Mont., until 3 o'clock p. m. December 15, 1914, for the construction of about 35 miles of canals and laterals, involving the excavation of about 106,000 cubic yards of material. The work is situated on the east side of the Flathead River about 15 miles southwest of Polson, Mont., and 9 miles west of Ronen, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignace, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. December 15, 1914, for the construction of a portion of the Fishkun reservoir supply canal, involving about 68,000 cubic yards of excavation, 1,600 cubic yards of concrete, the placing of about 24,000 pounds of reinforcing steel and the placing in wooden structures of about 28,000 feet B. M. of lumber. The work is situated on the south side of the Sun River, in Lewis and Clark County, Mont., about 20 miles northwest of Gilman, the terminus of the Sun River branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR BUILDING.

BUILDING.—Sealed proposals will be received at the office of the commissioner of Fisheries, Washington, D. C., until 2 o'clock p. m. November 27, 1914, and then opened, for constructing a hatchery building, a superintendent's residence, and a fish culturist's cottage at the Saratoga, Wyo. Fisheries Station. Blank proposals, specifications, etc., may be obtained on application to the above office.

PROPOSALS FOR BRIDGES.

BRIDGES.—Sealed proposals for light steel swing bridges for Dulles, Va., will be received at the office of the U. S. Army, at 11 o'clock a. m. December 7, 1914, and then publicly opened. Information on application. JAY L. MORROW, major engineers.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 877—Proposals for Electric Incandescent Lamps.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 1030 a. m. November 27, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Plans and general information relating to this circular (No. 877) may be obtained from this office or the office of the assistant purchasing agent, 1085 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR PAINTING PLASTERING.

PAINTING PLASTERING—Office of the Custodian of the Public Building Alameda, Cal.—Sealed proposals will be received here until 3 p. m. November 30, 1914, for painting plastering. For further information address T. C. STODDARD, postmaster.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition company at Room 213 in the Service Building, Fillmore and Chestnut streets, San Francisco, at 9:30 A. M., Friday, November 27, 1914, for the construction of Band Stand in Music Concourse. In accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to award contracts to defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

INVITATION FOR PROPOSALS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 17, 1914.—SEALED PROPOSALS will be opened in this office at 3:30 P. M., January 4, 1915, for the construction complete (including mechanical equipment, interior lighting fixtures, etc., approved) on the United States Post Office at La Junta, Colorado. The building is two stories and basement, with a ground area of approximately 3,240 square feet; stone, stucco, and terra cotta facing; tile roof; first floor only of fireproof construction. Drawings and specifications may be obtained from the Custodian of site at La Junta, Colorado, or at this office, in the discretion of the Supervising Architect. O. WENDE-ROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., November 23, 1914.—SEALED PROPOSALS in triplicate for constructing a Rostrum for National Cemetery, Presidio of San Francisco, Cal., will be received here until 11:00 A. M., December 8th, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposal to be enclosed in sealed envelopes and addressed: GEO. WILLIAMSON, Lt. Col., Q. M. C. (*)

Soil is not a dead, inert substance, as many suppose. It is an active, virile force, full of energy and power and the farmer should know his soil if he would maintain its productivity.

Agriculture is recognized as the greatest of all industries and a prosperous, progressive and enlightened agricultural population is the surest safeguard of civilization.

ERRORS IN MAIL FOR HAWAIIAN ISLANDS.

The Bureau of Foreign and Domestic Commerce is in receipt of a letter from a Honolulu firm, calling attention to errors made by correspondents in the United States. The letter reads, in part:

It would seem worthy of notice in Daily Consular and Trade Reports that erroneously addressed letters soliciting business frequently come to Honolulu from the United States. The proper address for mail for this city is "Honolulu, T. H." or "Honolulu, Territory of Hawaii." Many letters, too, are written in Spanish, which is not generally understood here, English being the official language. Hawaiian, Japanese, and Chinese are used by some of the population, but no business is conducted in Spanish.

Mention might also be made of the fact that circulars containing special offers having a time limit often reach Honolulu after the time limit has expired.

THE ORGANIC SENSE.

We justly decry the notion of extremists that society is an organism as a human body is. Few of us believe that the individual is as a cell merely, and that the race is everything. But our poetry, our science, our thought and feeling as permeated with the organic sense—the sense of racial interdependence, with "racial" implying the human race.

And surely our experiences and the facts of our lives bear out this consciousness. War brings it home to us most. How we accept a civilization, an institution, a home, a life that other lives save to us. But in the ways of peace we are no less dependent. We touch a button for light, when for all that most of us know of electricity we should have to make our own tallow dips. So overwhelming is the debt that to pick one instance of it seems absurd.

Is not this organic feeling the feeling that a cathedral stirs, the feeling that the destruction of a cathedral saddens? Does it not condone our greater shock at the injury to the cathedral of Reims than at the injuries to the defenders of Reims? Is not this organic sense in us patriotism and is it not love of antiquity and desire to project ourselves into the future?

"I am a part of all that I have met," says Tennyson's Ulysses. All of us have at least moments of feeling that we are parts of all that has been and is and is to be.—Kansas City Star.

CORONER OPENS NEW HEADQUARTERS.

Coroner Leland Will Have New Headquarters Open to Public Inspection on November 25th in County Jail Building.

Coroner Leland's new quarters, located in what is known as the County Jail Building in Merchant street between Kearny and Montgomery streets, will be ready for occupancy on Saturday, November 25th. At that time Coroner Leland intends to throw open the new department for the inspection of the public. The basement and first and second floors of the south wing of the building will be devoted to this branch of the city government. This department will be equipped with the most modern appliances and conducted in the most up-to-date manner of any

similar institution in the United States. For this the public is indebted to the painstaking efforts and long experience of Coroner Leland as the head of this branch of the city government.

In planning the details of the proper equipment and management of this department, Coroner Leland was actuated by the desire to relieve the place of all greswome features, out of respect for the dead as well as out of consideration for the feelings of their bereaved relatives and friends.

Under Coroner Leland's directions all cases brought to the Coroner's office will receive equal consideration and attention from the attaches of the office, and will be treated with every mark of respect. A separate department has been arranged for the remains of women and children, where they will be secure from the gaze of the morbidly curious. Only the relatives and intimate friends of deceased persons will be permitted to view their bodies when brought to the Coroner's office.

On the basement floor will be installed the most modern means for the preservation of the remains of unidentified persons, where they may be kept until positively identified or until the probability of identification ceases. This floor is provided with the indirect lighting system, is finished in white and will be maintained in a strictly sanitary and wholesome condition.

On the first floor will be located the autopsy room, the autopsy surgeon's office, the sterilizing room and the viewing room, all finished in white tile, so as to insure perfect sanitation.

The viewing room is a model of neatness and orderly arrangement, with high ceilings, tile floor, with large windows on three sides and thoroughly ventilated with the latest and most approved ventilating system available. This room is modeled along the lines of the most modern undertaking parlors, and is so furnished as to relieve the place of the atmosphere that usually surrounds city mortuaries.

On the second floor are located the main offices and the inquest room. The offices are arranged with a view to providing the most efficient service to the public by the office staff. Under the directions of Coroner Leland and a Deputy Coroner and Assistant Deputy are on duty at all times of the day and night, in order to obviate any necessary delay in removing bodies to the Coroner's office. The inquest room is neatly and plainly furnished and is planned to seat the witnesses and spectators interested in the cases inquested. It is so arranged that the testimony of the witnesses may be taken with dispatch. Off the inquest room is a jury room, appropriately furnished, where the juries will retire to deliberate upon their verdicts. Nothing has been left undone to make this department a credit to the City of San Francisco. In fact, so well has this work been planned and executed that already many inquiries have come to Coroner Leland from eastern cities relative to the details of construction and equipment, to be used as a guide for the creation of similar establishments in the respective cities. The entire arrangement of the Coroner's department is a tribute to the thoroughness and efficiency of Coroner Leland.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—5 story and base, Class C construction, \$60,000. San Francisco. Architect, G. J. Applegarth, Call Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of California and Stockton streets, covering a large ground area. Upper floors will contain suites of two, three and four rooms. The main floor will be given over to a large lobby, office and social hall. Interior of the building will be finished in pine and hardwood with hardwood floors in the living rooms, lobby and social hall. Plans provide for steam heat, elevator service, a hot water supply and vacuum cleaning. All suites will have wall beds and private bath rooms. Bath rooms will be finished in tile. Marble and tile will be used in the entrance. Exterior of the building will be faced with cement plaster or pressed brick. Plans are nearly complete and figures will be called for shortly.

LUNCH ROOMS—2 story, frame and plaster, \$10,000. San Francisco. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, San Francisco Dairy Lunch. The building will be erected on the Zone and will contain two large dining rooms, kitchen and dressing rooms. Interior will be finished in pine throughout. Considerable tile will be used. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

PIPE LINE SYSTEM—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are being taken for constructing a pipe line system for the auxiliary water supply. Bids will be opened on November 27. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southeast corner of Stockton and California streets and will contain a number of two, three and four room suites. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and reception halls. There will be steam heat and a hot water system. All apartments will have wall beds and private bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, William Mensor. The building will be erected at the southwest corner of California and Laguna streets, covering an area of 27½ by 96½ feet, and has been de-

signed to contain six suites of three and four rooms. There will be private garage space and a social hall in the basement. Interior finish will be of pine and blue gum. Hardwood floors will be used in the living and dining rooms. Plans provide for steam heat and a hot water supply. Bath rooms will have tile wainscot and composition floors. All apartments will have wall beds. Marble and tile will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

BRIDGE—Steel cantilever type, \$50,000. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. A meeting of the Board of Public Works and the Street Committee has been arranged at which the question of erecting a new bridge over the Channel at Fourth street will be considered. The old Fourth street bridge, erected over 45 years ago, has at last given away and will have to be closed to all traffic. The United Railroad cars and all heavy trucking using this bridge will be routed over the Third street bridge during the construction of a new steel structure of the cantilever type. Plans for this structure will be prepared a once by the City Engineer.

LAUNDRY BUILDING—2 story and base, reinforced concrete, \$15,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected on the south side of California street west of Lyons, and will have a frontage of 25 feet and a depth of 175 feet. Interior will be finished in pine and redwood. Special laundry machinery and boilers will be installed under separate contract. Exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

EXPRESS DEPOT—1 and 2 story, heavy timber. Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California, leased to Wells-Fargo Co. The building will occupy the southern most dolphin used by the ferry boats. The main floor will be 110 by 40 feet, while the two-story portion will be 110 by 200 feet. Interior will be finished in pine throughout. Special equipment will be installed by the Wells-Fargo Co. Plans have been approved by the State Harbor Commissioners and figures will be called for shortly.

FLATS—2, 3 story and base, frame, \$14,000 each. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Central avenue, S. F. These two buildings will be erected on adjacent property on the east side of 20th avenue north of California street. Each building will have a 75-foot frontage and be 60 feet deep. Interiors will be arranged for two flats of six rooms each. Pine and redwood with

tile wainscot will be used and the kitchen and bath floors will be finished in tile. The main floor will be open fire place and floor brick mantels. Bath rooms and kitchen will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect, L. Traverso, 521 Union street, S. F. Owner, Anselmo Bonderi. The building will be erected on Winter street east of Mason and has been designed to contain two modern flats of five rooms each. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of the architect.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Algot Nelson, 1125 19th street, S. F. The building will be erected on the west side of 11th avenue north of Fulton street, and has been designed to contain two modern flats. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Tile wainscot and automatic water heaters will be used in the bath rooms. Entrance will be finished in marble. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$4,500. San Francisco. Architect, C. Fantoni, 916 Kearny street, S. F. Owner's name withheld. The building will be erected on the north side of Pacific street east of Jones and has been designed to contain one six-room and one seven-room flat. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be large open fire places and tile or brick mantels. Bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are now being prepared.

DRILLING—Cost not stated. San Francisco. Engineer, Constructing Quartermaster, United States Army. The United States Government has decided to erect a building for the Constructing Quartermaster at the Presidio. Bids will be opened on December 1st at 11 a. m. An official proposal appears in another column of this issue.

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CLUB HOUSE ADDITION—2 story and base. Class A construction. Cost not stated. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, Concordia Club. Contracts for the large addition to the Concordia Club will be made the latter part of this week. The building is located at the southeast corner of Post and Van Ness avenue. Plans have been out for figures for some time.

LIBRARY—2 story and base. Class A construction, \$60,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Working drawings will be completed within three weeks for the Mission Branch Library, which is to be erected at the corner of 24th and Bartlett streets. The building has been designed in the classic style, and will have a complete steel frame with terra cotta facing. Interior will provide two large public reading rooms besides children's department, work space and stack rooms, office and toilets. Interior will be finished in pine and hardwood, with metal stacks, metal window sash and frames and hollow tile partitions. Bids will be called for by the Library Trustees. Further mention will be made of the work.

CAR BARN—1 and 2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and figures are now being taken for the first story of the new Potrero Car Barns, which will be erected on the block bounded by 18th, Hampshire, York and Mariposa streets. Construction will be of reinforced concrete with steel roof trusses, metal window sash and frames and cement floor. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Special machinery equipment will be let under another contract. Bids will be opened by the Board of Public Works on December 2nd. Plans and specifications can be secured from the City Department of Architecture.

RESIDENCES—2, 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, L. Arthur, 1230 Arguello Blvd., S. F. These two houses will be erected on the west side of 25th avenue south of Lincoln Way, and each has been designed for a seven-room house with bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. The dwelling has been designed for a six-room house with bath and will be erected on the west side of 11th avenue north of Balboa street. Interior will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$8,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, John Little. The dwelling has been designed for an eight-room house with two baths, sleeping porch and garage, and will be erected on the west side of 11th avenue between Anza and Balboa streets. Interior of the main floor will be finished in blue gum, while the upper floor will be finished in pine and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Oscar Heyman & Brother, 742 Market street, S. F. The dwelling has been designed for a six-room house and will be erected on the east side of Mission south of Santa Marina. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room with tile mantel. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, H. B. and L. D. Allen. The dwelling will be erected on the east side of 9th avenue north of Moraga, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and jenesero, with white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have tile wainscot and floor and will be equipped with shower. An automatic water heater will be installed. Exterior of the dwelling will be covered

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with cement plaster on metal lath. Plans are nearly complete and the work will be done by Day Labor.

STORES—1 story and base, frame, \$5,000. San Francisco. Architect, William Knowles, Hearst Bldg., S. F. Owner, Mrs. Clara L. Bennett. The building will be erected at the northwest corner of Bryant and 5 streets, covering an area of 62½ by 82½ feet. There will be two stores. Interiors will be finished in pine. Exterior will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of the architect who is now purchasing all materials.

WATERPROOFING—3 brick buildings. Cost not stated. San Francisco. Architect, none. Owner, Mr. Kitterman, 1325 Stockton street, S. F. The owner is now taking figures for waterproofing three large brick buildings located on Stockton street.

RESIDENCE ALTERATIONS—2 story, frame, \$4,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, L. Cohn. The dwelling located at 304 Clay street will undergo extensive alterations. The building contains sixteen rooms. New interior finish will be installed, hardwood floors, plastering, papering, electric work, plumbing and a steam heating system are included in the work. A garage will also be built in the basement. Plans are now being prepared.

EXHIBIT WORK—Cost not stated. San Francisco. Architect, James Narbett, Richmond. Owners, Town of Richmond. Architect James Narbett has been chosen by the Contra Costa County Commissioners, J. Sweeney and John Birmingham, to design the ex-

hibit for Contra Costa County, which will cover a space of 1,000 square feet in the California Building. The working drawings will be started immediately.

APARTMENT HOUSE—3 story and base. Class C construction, \$15,000. San Francisco. Architect, Frederick H. Myers, Bankers' Investment Bldg., S. F. Owner's name withheld. The building will be erected on Post street near Larkin, and has been designed to contain thirty suites of two and three rooms. All apartments will have private baths and wall beds. Interior will be finished in pine and elm. Hardwood floors will be used in the living rooms and lobby. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning. Marble and tile wainscot will be used in the entrance. Bath rooms will be finished in tile and will have composition floors. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building will be erected on the north side of California street, 25 west of Leavenworth, having a frontage of 25 feet and a depth of 70 feet. The building will contain six suites of three and four rooms with private baths and wall beds. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be steam heat, oil burning system and a hot water system. Bath rooms will be finished in tile with composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BRIDGE REPAIRS—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Engineer Hunt, of the City Department of Engineering, states that it has been decided to repair the Fourth street bridge for the present and that a new structure will not be erected until additional funds can be provided for by the Supervisors. It is also the intention to enlarge the Third street bridge so that the Fourth street cars can be routed by Third street until repairs have been made.

WHARF—Pile and Timber construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The new structure will be known as Pier No. 24, and will be 806 feet long, 127 feet wide. There will be a one-story timber shed covering the entire pier with passenger galleries on two sides. An extension of the Belt Line Railroad will be constructed on the north side of the pier. Construction will be of crescent piles and heavy timber. Bids will be called for in about a month.

GARAGE—1 story and base, reinforced concrete and steel, \$20,000. San Francisco. Architect, C. E. Gottschalk, Phelan Bldg., S. F. Owners, William Curlett Estate. The building will be erected on Green street near Pierce and has been designed for a modern commercial garage and will be of fire-

proof construction. There will be reinforced concrete walls, floor and steel roof trusses. Interior will be finished in pine. Special gasoline storage tanks will be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared and figures will be called for shortly.

HOSPITAL ELEVATOR WORK—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being called for by the Board of Public Works for changing the elevator control in the main group of buildings in the City and County Hospital. Bids will be opened on November 25th. Plans and specifications can be secured from the City Department of Architecture.

HOSPITAL WARD BUILDING AND GARAGE—2 story and base, brick and steel, \$73,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Formal approval has been given plans and specifications for the construction of the Pathological Ward and garage building to be erected at the City and County Hospital. Plans were prepared by Architects Righetti & Headman. Money in the amount of \$73,000 is now available for construction. Plans have also been approved by the Board of Public Works for the installation of fire escapes and a vacuum cleaning system at the City and County Hospital.

RAILROAD CONSTRUCTION—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken by the Board of Public Works for the construction of the California street extension of the Municipal Railroads. Bids are to be opened by the Board of Public Works on December 2nd. Plans and specifications can be secured from the City Engineer. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 39 Presidio Terrace, S. F. The building will contain seven rooms and bath. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Baths will have tile wainscot and composition floors. There will be furnace heat and open fire places. Tile mantels will be used. Exterior of the building will be faced with cement plaster on metal lath. The work will be done by Day Labor. Materials are now being purchased.

Contracts Awarded.

STATE EXHIBIT BUILDING—1 and 2 story, frame and plaster, \$23,000. San Francisco. Architects, Aversstreet, Spencer & Payne, Jackson, Miss. Owners, State of Mississippi. Contractors, Foster-Vogt Co., Sharon Bldg., S. F. Contract price not stated.

BOOTH DISPLAY—Frame construction. Cost not stated. San Francisco. Architect, none. Owners, George Russell Reed Co., 341 Clay street, S. F. Contractors, Fink & Schindler Co., 226 13th street, S. F. Contract price not stated.

FERRY BUILDING EXTENSION—2 story, Class A construction, \$37,400.

NEW BRIDGE FOR FOURTH STREET.
The old Fourth Street bridge has at last given away and has been closed to traffic until steps can be taken to replace the present structure with a suitable steel bridge of the cantilever type. The Fourth Street bridge was erected about 45 years ago and has been in constant use by the heaviest of San Francisco's trucking during that time. In 1904 the present Third Street bridge was erected and since has carried for considerable of the traffic that formerly used Fourth street as a way into the warehouse district.

New Bridge For Fourth Street.

Structure Which Has Done Service For Forty Years to be Replaced With Modern Steel Bridge.

For some time the city has maintained an officer at the Fourth Street bridge and has caused arrests of numerous teamsters for driving faster than a walk. Yesterday, after an examination of the bridge, it was found that the steel plate girders were in such a state that nails could be driven through them. Today the Board of Public Works and the Street Committee will meet to devise ways and means for replacing the old structure with a new bridge.

Present plans are to route all United Railroad cars and all trucking via Third Street bridge into the warehouse district. This will mean a considerable loss of time as the Third Street bridge is much narrower and will afford but poor accommodations to the added trucking and car service.

WANT TANK PERMIT.

The Pacific Telephone & Telegraph Company has filed application with the Supervisors for permission to maintain and install a 1500-gallon oil storage tank in the rear of the building at 825 Howard Street.

HOTEL BUILDING DESTROYED BY FIRE.

REDJONG, Shasta Co., Cal.—Fire completely destroyed the Hotel Idanha last Tuesday morning causing a loss of \$20,000. The building was erected ten years ago by J. C. Clinkhorne of Oakland and later sold to John Nicholas of Redding. Nicholas has made a statement as to rebuilding on the property.

GIGANTIC GAS TANK.

The largest of the kind in existence is to be completed in 1916 for the Newtown Gas Company, borough of Queens, New York City. The tower will be 125 feet high and 275 feet in diameter. It is the height of this structure that is a familiar landmark for many miles around New York City.

Chapter Meeting.

Architects Entertain Local and Visiting
Painters and Sculptors.

The best attended and most successful meeting of the San Francisco Chapter of the American Institute of Architects held recently was held last Thursday night in one of the prominent down town cafes, when the local colony of painters and sculptors were the guests of the Chapter of Architects.

W. B. Paville presided and called upon the Dean of Architects, Clinton Day, to toast the guests of the evening.

Willis Polk in his effervescent and humorous style welcomed the guests. In his remarks he emphasized the close relationship of the Painter, the Sculptor and the Architect.

T. Patterson Ross' illustrated Scotch stories were gems of poetry and motion.

After a beautiful sentiment to the ladies by Mr. Merrit J. Reid, the Toast Master called attention to the old Proverb handed down from the sand-script that for each enjoyment in the arms of love with the mistress of your heart the penalty shall be the loss of one hair from your head, and called particular attention to Mr. Reid's luxuriant locks.

The Close Harmony Club composed of Messrs. Bliss, Applegarth, Allen and Larsen rendered the following songs:

Tune: Too Much Mustard

Artists are a funny bunch but they certainly have the punch, if you don't think this is so, to the Fair go

Pictures big and statues tall, some wear clothes, some none at all, When the leaves begin to fall, that is Art, you know!

Architects are fussy men, still you like them now and then, Beards the Hon in his den, you will find a lamb;

They adore the form divine, they will take a glass of wine, They know where to draw the line, they don't give a damn!

Tune: It's a Long Way to Tipperary

It's a hard thing to get your money, It's a hard thing you know, It's a hard thing to tell your honey When the payments come too slow, Good bye old Bohemia Good bye Madison Square It's a hard, hard thing to get your money But artists don't care!

The gates of Hell go ting a ling a ling, To you but not for me, I'll hear the Angels sing a ling a ling Through all eternity, O, death where is they sting a ling a ling

Where grave thy victory No sting a ling a ling No ting a ling a ling Just sing a ling a ling for me.

Mr. B. J. S. Cahill's paper, as follows, was listened to with marked attention.

Gentlemen:

Our president, Mr. Paville, has asked me to read a short paper for to-night and in casting about for a subject that would provoke suitable discussion, I wrote to Mr. C. H. Whitaker, the Editor of the "Journal of the Institute". Mr. Whitaker, (you will remember he was here, present at the last meeting), wrote me from Washington at some length. Among other things, after ex-

pressing a wish that I would write something about the Exposition for the Journal, he concluded as follows:

"At the same time, how I wish you could elaborate upon certain points in your review of the work of Mr. Bliss, and sweep the horizon clear of all the trivialities that beset the practice of Architecture of today. Now I wish you could give Architects some back ground from which to survey their Art. We seem lost in a maze of petty detail and I feel that the younger men who are entering the profession are doing so with scarcely an idea of what is before them."

"Have you no message of that kind? I am sure that you have. I am sure that it is sadly needed, even though you might say that it would do no good. But there I could disagree with you, for one of the inspiring things I find in my journeys among the Chaplains of the number of quiet, earnest, Men who go without work and endure the hardest sort of trials rather than lower their standard. There are more of them than one thinks. There are to me the elect of the profession."

You will not fail to note the fine spirit of this letter. It is suggestive of course, disclaiming anything so pretentious to deliver as a message with a capital "M." I shall try my best will set you thinking and perhaps talking.

First of all I mean to say something about Peace and Harmony among our Sculptors, Artists, Architects, Brothers all in the fine work our hands are trained to do.

Then I want to add a word about final meaning to us whose work seems so remote from anything so awful.

I speak of peace and harmony in an intimate and somewhat personal sense. Many years ago I acquired the habit of fleeing and following their work and entering into their problems to a degree unusual among the men I visited, so that in some respects I held a position in a star-shaped jail can set each aware of its neighbors. I found that their brother Architects know of course naturally followed, they failed to appreciate each other's work and suspicion and dislike, so that they were hurtful rather than helpful to each other. I say "instead of helpful" though assuming that we should be helpful. And this is a fact that we all of us agreed as to the absolute perfection of Classic Art. The very idea of perfection which is enduring and which survives all the vagaries of fashion. One of the profoundest critics of Greek Sculpture assures us that Greek Art was not only produced by groups and companies of men but that every model was freely criticized as it grew under the Sculptor's hand.

The Athenians who lived in the open air were forever taking exercise in groups and always discussing and criticising. Art was not produced by a sickly recluse in a garret or a closet. It was wrought in a community spirit, argument, banter, cheer and ridicule. No bohemian could grow out of conditions such as these. Moreover the Painters and Sculptors of the time and designers did not work out their thoughts in a different world with the Gods and Heroes men and maidens depicted were in every particular iden-

tical with the people on the scene at the time, as they appeared in the life of the period.

The modern estrangement of Art and Life is largely due to this extreme sequestration of the Artist and Crafts man.

I realize that the schools do something to offset this and in Paris particularly a community spirit is common. It should be maintained through life. Nothing could be more wholesome than a closer intimacy among us in our work. When one or two of us can drop into the office or studio of a third and look freely over his output, you may be sure that all is well.

If sketch plans, model and all, can be freely mailed about or cartoons and better still—but best of all if efforts to know our verdict, and one of without fear, "I think its rotten."

"I think in this sort of atmosphere great things can be done. It is all very fine to read and review the works of the big men across the continent, we can get but a faint glow of their enthusiasm at this distance. What is far better is the contagion from the big man being the contagion. There is no such stimulus to fine effort as that which exudes from an enthusiast, and it can only be effective at first hand. I, myself can recall visits to room, whose talents and capacity have set me in a glow of enthusiasm, much as you charge a storage battery. It has set me going with new ideas, fresh energy and larger ambition. If I have benefited by such association I am sure others have too. But what has been intermittent and occasional might be continuous and general like clouds watch close together, but grow cold and black when scattered."

This is my plea for peace and harmony in our intimate association at home.

Of the great war abroad I must speak in larger terms. It is very difficult to believe that any one here assembled to-night can be indifferent, can be anything but deeply stirred by the tremendous contest of arms going on over there in Europe. To us who are Artists and Architects, Europe is closer by its very nature than even the plains and foothills of our own land. To prove how we in the terms of our trade and in the forms and colors of our craft go out there to North Beach. In the gorgeous group, Panama-Pacific Exhibition, we shall recognize every moulding and detail done as a memory of Greece and Italy. Wherever we look we see souvenirs of France and Spain. Every something done long ago in old Europe touches the Artists of Europe, it surely touches the Artists of America.

Now many obvious things have been said and are being said today being destructive of monuments and the burning of the country side generally. I shall not unduly astonish or shock you when I confess that the enormities and the slaughter, the agonies and tragedies of this war, inconceivably appalling as they are, fail to impress me as does the flaming and the burning of the nations at war and the amazing faith of those who are fighting. For, after all, those who are fighting and bloodily are but a fraction of those who are ready to fall. And the to get to the front of those clamouring a fraction of those applying for enlistment and I think I can go further and say that even these lies a still larger reserve of those who are desirous and willing to go to war, but for various reasons are unable to do so. Finally it may be safely said that the great rending of the people at war including women and children (by very

adorned with our inventions, trophies, allegories, literature, poetry—all of that world of thought that is our living own. All these the sculptor stands ready to supply—only you must know him, discover him, sympathize with him. He is the high priest of form, perhaps too often engrossed in technical problems, which after all must be his first care, to quickly see his opportunity to apply his methods to architecture, perhaps disdaining to apply it at all since sculpture is so beautiful in itself and museums are still collecting.

The realm of the ideal must always be the most attractive to the artist—without it he would soon cease to be any sculpture—the restless desire to embody our thoughts exists as a kind of superior instinct for visual beauty—ever searching for the divine calm that life itself is denied. Art seeks to set up her lovely idols of consolation. This most precious quality is far removed from practical life. Yet it is just this quality that is also valuable to architecture. If it has no spark of it, it is a dead and useless thing.

I am here, as you perceive, pleading for a degree of freedom in design founded on purpose. Once that is established, much becomes possible. Purposes beget motives. New motives replace old ones. Visions never before seen, but not therefore impossible, loom up. New channels for old impulses are found and that is the necessity to all Art is assured. Let us think it worth while to get some touch of that mysterious magic that is neither workmanship nor design, yet is embodied in these in many haunting forms of high romance. Sentiment rules the world, and sculpture is embodied sentiment.

A set of complete plumbing specifications were read by Mr. Fairweather. Architects' troubles with plumbers are guaranteed to vanish when these specifications are used.

STANDARD SPECIFICATIONS FOR PERFECT PLUMBING.

General:
The plans and specifications are to be taken together. Anything shown on the plans and not mentioned in the specifications and anything mentioned in the specifications and not shown on the plans, is to be considered as both shown and specified; and anything wanted by the Architect or any of his friends, or by anybody else (except by plumber) shall be considered as shown, specified, implied and required, and shall be provided by the plumber without expense to anybody but himself.

If he can do the work without expense to himself the work shall be taken down and done over again, until the expense is satisfactory to the Architect.

Architect:
The term "Architect" herein appearing, shall be understood to mean the Architect or any uncivil and insatiable engineer that he foolishly but courteously employs to assist in making trouble for the plumber.

Plans:
The plans are to be considered diagrammatic, and disagreeing and are to be followed only where space conditions make it possible to avoid so doing. Coincidents between the plans and executed work shall be considered a claim for extra compensation. The Architect is not required to recognize coincidences.

Anything that is right on the plans is to be considered right, anything that is wrong on the plans shall be discovered by the plumber and shall be made right without telling on the Architect or on the owner.

Anything that is forgotten or missed out of the plans and specifications, but which is necessary and required for the comfort and convenience of the owner, whether he thought of it before or after the execution of the contract, shall be provided by the plumber to the satisfaction of everybody (but the plumber) and in full accord with the evident intent and meaning of the specifications, without extra cost to anybody but the plumber.

Rules not to be Violated:
The rules throughout shall comply with all rules, regulations, caprices and whims of all City, County, State, National and International Departments, Bureaus and Officials having or not

having jurisdiction.

"Tammany Hall shall be considered an official department having jurisdiction."

Materials:
All materials shall be the best of their several kinds, the contractor is expected to know and provide the best irrespective of what is specified in detail.

The Architect reserves the right to change his mind about what is the best, and changes necessary to make the work and material fit to the mind of the Architect shall be made by the Contractor without extra cost.

Permits:
The Contractor shall obtain all permits and shall pay all fees, annual dues, assessments and subscriptions to all masked balls, organizations, outings and hat checks.

Scope of Work:
It is the purpose of this contract to connect with the main of the Department of Water Supply, to provide perfectly pure, clean, wholesome and colorless water, of any and all temperature at any place anyone wants to complete, take away, and remove the water, both worked and unworked, or whether introduced or made on the premises, after it has been soiled, drunk or otherwise misused. Chasers shall be provided by the contractor as required by the Architect.

Incidentally anything that goes into the work shall be incidentally removed, including bricks, lime, cement, mortar or other rubbish. All machines, apparatus, appliances and fixtures shall be arranged and designed to fulfill the purpose of this contract complete in every particular, ready for penal service.

Damage:
Any damage done by the water shall be paid for by the Contractor as liquidated damages and not as a penalty.

Guarantee:
The Contractor shall guarantee and hereby does guarantee that he will keep in complete and perfect working order anything that the Architect asked him to attend to, so long as there is more work in sight in the Architects office.

Arbitrator:
In case of any dispute arising as to the nature, character or extent of work shown, specified or implied, the matter shall be decided by referendum and recall; after which the decision shall be set aside and reversed by the Architect and designed in chief of the National Government.

Payments:
Payments, if any, shall be made only on the Architect's certificate. Architect's Certificates shall not be considered negotiable nor are they legal tender. When once issued, the Architect assumes no responsibility for their further usefulness.

Partial payments shall be made, as the work progresses in the amount of 85% of the value of the work done, as judged by the Architects.

In no case shall the judgment of the Architect covy more than enough to pay the journey men and helpers every Saturday night. The material man must take the customary chances.

The final payment (if any) shall be made only when everybody is satisfied (but the plumber).

Any evidence of satisfaction on the part of the plumber shall be considered a just cause for withholding final payment.

Plumber shall accept, and hereby does accept, the conditions hereinbefore appearing for himself, his ancestors and progenitors, his family, his heirs, executors, his ox, his assignee and stranger that is within his gates.

A movement was launched to induce the Supervisors to appropriate \$5000 each year for the purpose of decorating some public building.

E. J. Molera spoke about the high standard of the Arts in Barcelona and the way in which that city encouraged young artists by giving them free instructions and offering yearly prizes for best products of the painter, sculptor and architect.

Advanced students were given money to go to Rome to perfect their studies. Thus Barcelona is now a recognized Art center.

Among those present were:

CHAPTER MEMBERS PRESENT.

Allen, H.	McDougall, C. C.
Appelgarth, G. A.	McDougall, G. S.
Bakewell, Jno Jr.	Mitchell, E. J.
Boese, F. D.	Molera, E. J.
Bliss, W. D.	Mooser, Wm.
Blohme, J. Harry	Newman, Wm. A.
Brown, E. J.	O'Brien, Matthew
Cabill, B. J. S.	Polk, Willis
Coffey, A. I.	Ross, T. P.
Crim, W. H., Jr.	Reid, Jas. W.
Fay, Clinton	Stefanian, A. G.
Dolliver, D. W.	Schnaitacher, S.
Faville, W. B.	Smith, H. C.
Hatch, J. D.	Schulze, H. A.
Headman, A. G.	Vogel, E. J.
Joseph, E. J.	Ward, C. R.
Lichtenstein, M.	Welsh, T. J.
Mathews, E. A.	Wright, G. A.

INVITED GUESTS PRESENT.

Bateman, John	Moretti, A.
Bonestell, C. K.	Mora, A. J.
Burgiere, F. J.	Nahl, Perham
Burgdorf, F.	Neuhaus, E.
Cadenasso, G.	Stefanian, Haig
Calder, A. S.	Perers, C. R.
Crenier, H. J.	Piazzoni, G.
Cummings, Earl	Porter, Bruce
Dickmeyer, C. J.	Tutman, Arthur
Deneville, Paul	Redmond, Owen
Dixon, Maynard	Roth, F. G. R.
Sherhardt, R. G.	Simpson, H. C.
Ellingwood, F. L.	Sparks, Will
Fairweather, Ralph	Stearns, H. C.
Guerin, Jules	Swain, Clarkson
Jaegers, Walter	Tilden, Douglas
Leulin, A.	Edgar, Edgar
Levin, L. A.	Werner, Albert
Matimer, P.	Whelan, Edgar
Lawrence, H. J.	Wores, Theodore
Manatt, A. F.	Van Solun, F.
Matinez, Xavier	
Mathews, Arthur	

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.
3850	Schmidt	Dowling	1250
3860	Davis	Johnson	1200
3861	Stojkovich	Stojkovich	1250
3862	Don Carlos	Born	5750
3863	Hygienic	Hygienic	3000
3864	Monahan	Demmon	1275
3865	Hygienic	Rednal	6150
3866	Peterson	Haldstrom	1075
3867	Schoensteln	Mager	3195
3868	Anyark	Anyark	2100
3869	Hanify	Spargo	11750
3870	Same	Dyer	6550
3871	Westgate Pk. City St. Imp		
3872	Arthur	Arthur	3000
3873	Nelson	Nelson	3000
3874	Arthur	Arthur	3000
3875	Mihan	McCarthy	400
3876	Peterson	Peterson	1800
3877	Hulse	Garsna	400
3878	Houston	Chase	450
3879	Keenan	Keenan	4000
3880	Same	Same	4000
3881	Westgate Pk. City St. Imp		
3882	Traders Rlty.		
3883	3rd Ch Electric	Central	5595
3884	Hanify	Kiernan	1694
3885	Same	Stockholm	9838
3886	Same	Paul	4407
3887	Same	Paul	1864
3888	Same	Knowles	7615
3889	Same	Guilfoxy	2730
3890	Same	Turner	1870
3891	Same	Chalmers	1616
3892	Inside Inn		
3893	Invension Constr.	Owner	400
3894	Dunn	Bovyer	430
3895	Nelson	Morris	2150
3896	Dalkey	Nelson	400
3897	Clark	Simmon	500
3898	Turner	Novelty	500
3899	Nance	Nance	450
3900	Schmicksen	Gutner	1000
3901	Gutner	Gutner	1000
3902	Anderson	Anderson	1500
3903	Fredrickson	Owner	1500
3904	Collins	Collins	400
3905	Mitchell	Cox	400
3906	Allred	Allred	1950
3907	Same	Same	1950
3908	Same	Same	1950
3909	Heysman	Heysman	2500
3910	Homstead	Grahn	1500
3911	Perry Impt	Brandt	8550
3912	Phelan	Central	2860
3913	Wing	McGinn	400
3914	Thompson	Dowling	500
3915	Donato	Baron	600
3916	Williams	Williams	500
3917	Lyon	Lyon	2750

Wednesday, Nov. 14, 1914

BUILDING AND INDUSTRIAL NEWS

(18) Cardashian, North Con 1
(19) Luderman, Sandberg 10.00
(20) Am T & T, Strehlow 128.40
(21) Buch, Duffer 25.50
(22) Phelan, Scott 22.48
(23) Same, Butte 23.99
(24) Inside Inn, Phillips 40.25

EDITION

(839) NO. 426 TENTH AVE. Raise and add 4 rooms.
Owner, Henry Schmidt, 440 10th Ave., San Francisco.
Architect, None.
Contractor, J. C. Dowlin, 122 4th Ave., San Francisco.
COST, \$1250

FRAME DWELLING

(860) W GATES 250 N Eugenia. One story and basement frame dwelling.
Owner, Mary Davis, 14 Chenery, San Francisco.
Architect, None.
Contractor, Chas. Johnson, 2704 Fulton, San Francisco.
COST, \$1260

FRAME DWELLING

(861) E LOWELL 260 S Brunswick. One-story and basement frame dwlg.
Owner, Lavo M. Stojkovich, 1033 Pacific, San Francisco.
Architect, None.
Day's work.
COST, \$1250

FRAME DWELLING

(862) LOT 4 Ashbury Terrace. Two-story and basement frame dwlg.
Owner, M. S. Don Carlos.
Architect, Ed. Bolles, 660 Market, San Francisco.
Contractor, S. A. Born Bldg. Co., 660 Market, San Francisco.
COST, \$5750

BAKE OVEN

(863) NW ARGUELLO BLVD AND Geary. Construct bake oven.
Owner, Hygienic Baking Co., 506 French Bank Bldg., S. F.
Architect, C. W. Ayer, 1644 Washington, San Francisco.
Day's work.
COST, \$5000

EDITION

(864) W PENNSYLVANIA 150 N 19th. Raise and add to dwelling.
Owner, H. Monohan, 324 Pennsylvania, San Francisco.
Architect, None.
Contractor, B. W. Demarais, 732 Page, San Francisco.
COST, \$1375

FRAME DWELLING

(865) W DIVISADERO 25 S Filbert. Two-story and basement frame dwlg.
Owner, W. A. Morris, 2652 Broderick, San Francisco.
Architect, None.
Contractor, W. W. Rednall, 2500 Filbert, San Francisco.
COST, \$6150

REPAIRS

(866) SE DIVISADERO & LOMBARD. Repair dance hall.
Owner, Mrs. Ida Peterson, 3146 Divisadero, San Francisco.
Architect, None.
Contractor, Arthur Halstrom, 3125 Divisadero, S. F.
COST, \$1075

FRAME COTTAGE

(867) W RHODE ISLAND 400 S 22nd & 33rd W 100. All work except electric light fixtures, shades, wall paper and

floor hardware for new cottage.
Basement frame cottage.
Owner, Louis J. Schoenheit, 25 Bryant, San Francisco.
Architect, Albert Schaeffer, 18 Post, San Francisco.
Contractor, Mager Bros., 10 Janes, San Francisco.
Filed Nov. 16, '14. Dated Nov. 11, '14.
Frame up.
Brown coated.
Completed and accepted.
Final 35 days.
TOTAL COST, \$1800.
Bond, \$1600. Sureties, German and Sovereign Mager, Limit, 75 days. Forfeit, none. Plans and specifications filed.

APARTMENT BUILDING

(3868) SW SACRAMENTO & Webster W 82xS 36. All work for three-story and basement frame apartment building.
Owner, Maud D. Warwick, 3369 Jackson, San Francisco.
Architect, Chas. Skidmore, 68 Post, San Francisco.
Contractor, Harry C. Warwick, Hearst Bldg., San Francisco.
Filed Nov. 16, '14. Dated Nov. 11, '14.
On 1st of each month.
Usual 35 days.
TOTAL COST, \$21,000.
Bond, \$10,300. Surety, The Aetna Accident & Liability Co. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

NOTE:—1st report Nov. 7th, No. 3722.

CLASS "A" THEATRE

(3869) NW EDDY AND FILLMORE W 137-6xN 137-6 W A 361. Excavation and concrete work for Class "A" theatre and store building.
Owner, J. R. Hanify, 24 Market, San Francisco.
Architect, Reid Bros., Cal-Pacific Bldg., San Francisco.
Contractor, J. Spargo, 926 Presidio Ave., San Francisco.
Filed Nov. 16, '14. Dated Nov. 11, '14.
On 1th of each month.
Usual 35 days.
TOTAL COST, \$11,750.
Bond, \$6000. Sureties, Edw. P. Shortall and Jos. Mulvihill. Limit, 60 days. Forfeit, \$25. Plans and specifications filed.

(3870) FABRICATION, DELIVERY & erection of structural steel and iron work on above.

Contractor, Dyer Bros. Golden West Iron Works, Inc., 17th and Kansas, San Francisco.
Filed Nov. 16, '14. Dated Nov. 11, '14.
Payments same as above.
TOTAL COST, \$6550.
Bond, \$3500. Sureties, Wm. Witney & J. O'Shea. Limit, 25 days. Forfeit \$25. Plans and specifications filed.

PAVEMENT, ETC.

(3871) JUNIPERA SERRA BLVD, bet Monterey Blvd and St. Francis Blvd. Pavement and improving street.
Owner, Westgate Park Co., 58 Post, San Francisco.
Architect, None.
Contractor, City Street Improvement Co., 168 Geary, S. F.
Filed Nov. 16, '14. Dated Nov. 16, '14.
On completion, 16¢ per sq. ft.
TOTAL COST, 16¢ per sq. ft.
Bond, \$1200. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days from Dec.

FILED NOV. 16, 1914. DATED NOV. 11, 1914.
On 1st of each month.
Usual 35 days.
TOTAL COST, \$1800.
Bond, \$1600. Sureties, German and Sovereign Mager, Limit, 75 days. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE

(868) W GATES 250 N Eugenia. One story and basement frame dwelling.
Owner, Mary Davis, 14 Chenery, San Francisco.
Architect, None.
Contractor, Chas. Johnson, 2704 Fulton, San Francisco.
COST, \$1260

FRAME DWELLING

(869) E TWENTY-FIFTH AVE 270. One-story and basement frame dwelling.
Owner, Lavo M. Stojkovich, 1033 Pacific, San Francisco.
Architect, None.
Contractor, J. C. Dowlin, 122 4th Ave., San Francisco.
COST, \$1250

FRAME DWELLING

(870) NE 10 VICKSBURG. Finish interior of dwelling.
Owner, Mrs. Mihan, Premises.
Architect, None.
Contractor, James F. McCarthy, 43, Bureka, San Francisco.
COST, \$400

FRAME DWELLING

(871) E DANVERS 100 N 18th. One story and basement frame dwelling.
Owner, Einar Peterson, 3320 23rd, San Francisco.
Architect, Ernest Essmann, 24th and Church, San Francisco.
Day's work.
COST, \$1800

ALTERATIONS

(872) E HATTIE 75 N 18th. Repair and alter dwelling.
Owner, J. B. Dallas, Premises.
Architect, None.
Contractor, E. F. Carson, 43-3 13th, San Francisco.
COST, \$400

ALTERATIONS

(873) N. 1111 CLAY. Alterations.
Owner, M. J. Houston, Premises.
Architect, None.
Contractor, A. B. Chase.
COST, \$450

FRAME COTTAGE

(874) E TWENTIETH AVE 75 N 18th. One story and basement frame dwelling.
Owner, C. J. and W. J. Keenan, Hayes and Central Ave., San Francisco.
Architect, None.
Contractor, J. C. Dowlin, 122 4th Ave., San Francisco.
COST, \$1250

FRAME COTTAGE

(875) E TWENTIETH AVE 75 N 18th. One story and basement frame dwelling.
Owner, C. J. and W. J. Keenan, Hayes and Central Ave., San Francisco.
Architect, None.
Contractor, J. C. Dowlin, 122 4th Ave., San Francisco.
COST, \$1250

FRAME FLATS

(3881) W LARKIN 35 — S 38-6XW 22-11 (Specifications read W Larkin 51-9 S North Point). All work except foundations, cement floors, gas and electric fixtures, mantels, and shades for two-story and basement frame flats.

Owner.....Jno. H. Brickwedel, 901 North Point, S. F.
 Architect...Paul F. De Martini, 2123 Powell, San Francisco.
 Contractor...E. J. Montgomery, 1318 Broadway, San Francisco.
 Filed Nov. 17, '14. Dated Nov. 14, '14.
 Finished roof on.....\$730
 Brown coated.....730
 Completed and accepted.....730
 Usual 35 days.....740

TOTAL COST, \$2930

Bond, \$1500. Sureties, Wm. Niemann and Chas. Schlesinger. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS

(3882) S ELLIS 137-6 W Jones W 52-6 XS 137-6. Spencer turbine cleaner in six-story and basement brick and steel apartment building.

Owner.....Traders Realty Co., 905 National Bank Bldg., S. F.
 Architect...None.
 Contractor...Hughson & Merton, 530 Golden Gate Ave., S. F.
 Filed Nov. 17, '14. Dated Nov. 6, '14.
 Roughing in of piping done. 20% 30 days after.....Balance

TOTAL COST, \$516

Bond, \$516. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit, none. Plans and specifications filed.

NOTE—Architect J. R. Miller, Lick Building.

CHURCH BUILDING

(3883) N HAIGHT 137-6 E Central Ave E 75XN 137-6. Structural steel and cast iron work for church bldg. Owner.....Third Church of Christ Scientist in San Francisco
 Architect...Edgar A. Mathews, Phelan Bldg., S. F.

Contractor...Central Iron Works, 651 Florida, San Francisco.
 Filed Nov. 16, '14. Dated Nov. 10, '14.
 35 days from Nov. 10, 1914....\$2695
 72 days from Nov. 10, 1914....1500
 35 days after completed and accepted.....1400

TOTAL COST, \$5595

Bond, \$2500. Surety, New Amsterdam Casualty Co. Limit, 72 days. Forfeit, none. Plans and specifications filed.

CLASS "A" THEATRE

(3884) NW EDDY AND FILLMORE W 137-6XN 137-6 W A 361. Plumbing for Class "A" theatre and store building.

Owner.....J. R. Hanify, 24 Market, San Francisco.
 Architect...Reid Bros., Cal-Pacific Bldg., San Francisco.
 Contractor...Kiernan & O'Brien, 1754 Mission, San Francisco.
 Filed Nov. 18, '14. Dated Nov. 11, '14.
 On 7th of each month.....75%
 Usual 35 days.....25%

TOTAL COST, \$1694

Bond, \$850. Sureties, Chas. Lauffer and Jas. H. Pinkerton. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(3885) CARPENTRY, HARDWARE, glass, painting and ornamental iron work on above.

Contractor...Charles Stockholm and E. C. Allyn (as Stockholm & Allyn), 110 Jessie, S. F.
 Filed Nov. 18, '14. Dated Nov. 11, '14.

Payments same as above.....

TOTAL COST, \$9858

Bond, \$5000. Surety, The Aetna Accident & Liability Co. Limit, Jan. 10, 1915. Forfeit, none. Plans and specifications filed.

(3886) BRICK WORK ON ABOVE.

Contractor...Farrell & Reed, M. A. Gunst Bldg., S. F.
 Filed Nov. 18, '14. Dated Nov. 11, '14.

Payments same as above.....

TOTAL COST, \$4407

Bond, \$2300. Surety, The Aetna Accident & Liability Co. Limit, as required. Forfeit, \$25. Plans and specifications filed.

(3887) ELECTRIC WORK ON ABOVE

Contractor...Butte Eng. & Elec. Co., 685 Howard, San Francisco.
 Filed Nov. 18, '14. Dated Nov. 11, '14.

Payments same as above.....

TOTAL COST, \$1866

Bond, \$950. Surety, National Surety Co. Limit, as required. Forfeit, \$25. Plans and specifications filed.

(3888) FIREPROOF PARTITIONS,

furring, lath and plaster on above.
 Contractor...A. Knowles, 985 Folsom, San Francisco.

Filed Nov. 18, '14. Dated Nov. 11, '14.

Payments same as above.....

TOTAL COST, \$7615

Bond, \$4000. Surety, Maryland Casualty Co. Limit, as required. Forfeit, \$25. Plans and specifications filed.

(3889) GALVANIZED IRON WORK

on above.
 Contractor...Guilfooy Cornice Works, 209 8th, San Francisco.

Filed Nov. 18, '14. Dated Nov. 11, '14.

Payments same as above.....

TOTAL COST, \$2720

Bond, \$1400. Surety, Fidelity & Deposit Co. of Maryland. Limit, 15 days after brick work done. Forfeit, none. Plans and specifications filed.

(3890) HEATING AND VENTILATING

on above.
 Contractor...The Turner Co., 278 Natoma, San Francisco.

Filed Nov. 18, '14. Dated Nov. 11, '14.

On completion.....75%

Usual 35 days.....25%

TOTAL COST, \$1870

Bond, \$950. Surety, The Aetna Accident & Liability Co. Limit, as required. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3891) N HARRISON, bet. 3rd and 4th No. 776 Harrison. All work for alterations and repairs to frame bldg.
 Owner.....Hulse Bradford Co., 990 Mission, San Francisco.

Architect...None.

Contractor...Fred C. Jones, Lick Bldg., San Francisco.
 Filed Nov. 18, '14. Dated Nov. 16, '14.

75% of work performed.....

Balance.....

TOTAL COST, \$1616

Bond, \$800. Sureties, Richard C. Jones and Hugh M. Handley. Limit, 30 days after Nov. 18. Forfeit, none. Plans and specifications, none.

NOTE—1st report Nov. 13th No. 3802

HOTEL

(3892) EXPOSITION SITE. Lath and plaster work for Inside Inn Hotel. Owner.....Inside Inn Hotel Co.
 Architect...Edw. T. Foulkes, Crocker Bldg., San Francisco.

Contractor...H. A. Chalmers, Inc., Kearny, San Francisco.

Filed Nov. 18, '14. Dated Nov. 13, '14.

Payments weekly as work progresses of.....10

10% of actual cost to be added.

COST, 20c per sq yd for lime mortar.

Travertine, 30 c per sq yd; Han-

wall (2 coats), 30c per sq yd; li-

mortar and cement (2 coats), 4

per sq yd; Hyrib metal lath plast-

70c per sq yd; metal beads, 5c p-

lineal foot; fireproofing metal la-

lime mortar, 55c per sq yd; fireproo-

ing metal lath, 11 per sq yd.

Bond, \$10,000. Surety, Pacific Co-

Casualty Co. Limit, 35 days af-

commencement. Forfeit, none. Pla-

and specifications filed.

FRAME SHOP

(3893) W MISSION 230 N Mohaw

One-story frame shop.

Owner.....The Invention Constr. Co.,

141 Tiffany Ave., S. F.

Architect...None.

Day's work.....

COST, \$

ADDITION

(3894) NO. 1709 GOUGH. Add o

room.

Owner.....Judge Dunn, Premises.

Architect...None.

Contractor...Bovyer & Sons, 2407 Ch-

ifornia, San Francisco.

COST, \$

FRAME DWELLING

(3895) W ELEVENTH AVE 200

Balboa. Two-story and baseme-

frame dwelling.

Owner.....A. T. Morris, 501 11th Av

San Francisco.

Architect...None.

Day's work.....

COST, \$21

FRAME DWELLING

(3896) N DUNCAN 155 W Diamon

One-story and basement frame dw

Owner.....Otto Dalkey.

Architect...None.

Contractor...Kenyon-Pacific Co., Ma-

ket near Franklin, S. F.

COST, \$4

FRAME SHED

(3897) GORE BRANNAN, TENTH

Division. Erect frame shed.

Owner.....N. Clark & Sons, 116 N

toma, San Francisco.

Architect...None.

Contractor...Simmon Bros.

COST, \$5

FRAMES FOR SIGNS

(3898) NO. 66 EDDY. Erect fram

for electric signs.

Owner.....Turner & Dahnen, 9

Market, San Francisco.

Architect...None.

Contractor...Novelty Elec. Sign Co., 1

Eddy, San Francisco.

COST, \$5

ALTERATIONS

(3899) S GEARY 91 E 26th Av

Alter for laundry.

Owner.....C. A. Nance, 1541 Sanch

San Francisco.

Architect...None.

Day's work.....

COST, \$4

REPAIRS

(3900) NO. 583 MARKET. Repair fire damage.
Owner.....Louis S. Steniksen, 443 1st St., San Jose.
Architect...None.
Contractor...J. Trounson.
COST, \$1000

FRAME DWELLING

(3901) S WILDE 23 W Rutland. One story and basement frame dwelling.
Owner.....Franklin Guttner, 415 Wilde, San Francisco.
Architect...None.
Day's work.....COST, \$1000

FRAME DWELLING

(3902) E ELLSWORTH 121-10 N Crescent Ave. One and one-half-story and basement frame dwelling.
Owner.....C. W. Anderson, 661 Ellsworth, San Francisco.
Architect...None.
Day's work.....COST, \$1500

ALTERATIONS

(3903) W FILLMORE 35 S Filbert. Alter store and flats.
Owner.....Theo. Frederickson, 3011 Fillmore, S. F.
Architect...None.
Day's work.....COST, \$1500

ALTERATIONS

(3904) W ELEVENTH 145 N Folsom. Remodel old building.
Owner.....Mr. Bowman, 120 Chronicle Bldg., San Francisco.
Architect...None.
Contractor...J. Collins, 581 Waller, San Francisco.
COST, \$400

ALTERATIONS

(3905) W BAKER 120 N Greenwich. Alter stores.
Owner.....C. V. Mitchell, 2907 Baker, San Francisco.
Architect...None.
Contractor...M. Cox, 2727 Lombard, San Francisco.
COST, \$400

FRAME DWELLING

(3906) W EDNA 55 N Havelock. One story and basement frame dwlg.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1950

FRAME DWELLING

(3907) W EDNA 25 N Havelock. One story and basement frame dwlg.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1950

FRAME DWELLING

(3908) W EDNA 50 N Havelock. One story and basement frame dwlg.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1950

FRAME DWELLING

(3909) E MISSION 100 S Santa Marina. Two-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work.....COST, 2500

FRAME DWELLING

(3910) N BURROWS 200 W Somerset.

One story and basement frame dwlg.
Owner.....Homstead Realty Co., 704 Market, San Francisco.
Architect...None.
Contractor...Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1500

CLASS "C" BUILDING

(3911) W TIME EMBARCADEIRO 137-6 S Market S 91-8xW 80. All work except concrete, cement and painting for one-story Class "C" brick building.
Owner.....Ferry Improvement Co., 204 California, S. F.
Architect...O'Brien Brus., Clunle Bldg San Francisco.
Contractor...Brandt & Stevens, 110 Jessie, San Francisco.
Filed Nov. 19, '14. Dated Nov. 18, '14.
Ready for ceiling joists.....\$1603
Roof on and plumbing roughed in 1603
Building plastered 1603
Completed and accepted..... 1603
Usual 35 days..... 2138
TOTAL COST, \$8550
Bond, \$4275. Sureties, D. B. Macdonald and N. Capurro. Limit, 40 days after November 20. Forfeit, \$125. Plans and specifications filed.

(3912) N WASHINGTON 137-6 W Octavia W 137-6xN 235-4x. Structural steel work, including erection of same, columns, beams, girders, lintels and marquise, riveting and painting of same for two-story basement and attic Class "C" residence.
Owner.....Mary Louise Phelan, 1810 California, San Francisco.
Architect...Charles Peter Weeks, Mutual Bank Bldg., S. F.
Contractor...Central Iron Works, 651 Florida, San Francisco.
Filed Nov. 19, '14. Dated Nov. 17, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2860
Bond, \$1430. Surety, The Aetna Accident & Liability Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3913) NO. 826 GRANT AVE. Alter store.
Owner...Wing On Co., Premises.
Architect...None.
Contractor...McMullin-Von Voorhies Co., 1290 12th Ave., S. F.
CST, \$400

ALTERATIONS

(3914) NO. 1013 CLEMENT. Alter for market.
Owner.....Walter G. Thompson, Merchants' Exchange Bldg., San Francisco.
Architect...None.
Contractor...J. C. Dowlin, 122 4th Ave., San Francisco.
COST, \$500

FRAME STORE

(3915) W BERLIN 50 S Wilde. One-story frame store.
Owner.....Lorenzo Donato.
Architect...None.
Contractor...S. V. Baron, 1340 Berlin, San Francisco.
COST, \$600

GARAGE

(3916) NO. 41 FIFTH AVE. Garage in basement.

Owner...Chas. H. Wilkison, Trem
Architect...None.
Day's work.....COST, \$400

FRAME RESIDENCE

(3917) E BELLEVUE 77-1/2x2 1/2th. Two-story and basement frame residence.
Owner...Harrison & Lyon, 100 Liberty, San Francisco.
Architect...None.
Contractor...Andrew Lyon, 182 Liberty, San Francisco.
COST, \$1,700

RESTAURANT

(3918) EXPOSITION SITE. All work for restaurant and cafe building.
Owner...V. Cardashian.
Architect...G. A. Applegrath, Chas. Spreckels Bldg., S. F.
Contractor...Northwest Constr. Co. Merchants' Exchange Bldg. San Francisco.
Filed Nov. 20, '14. Dated Nov. 16, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4850
Bond, none. none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(CORRECTION)

CLASS "C" APARTMENTS
(3919) N O'FARRELL 71 W Larkin W 63-6xN 120. Concrete work for four-story Class "C" apartment bldg.
Owner.....Maria Schumacher, H. W. Ludemann and Herman Ludemann, 1081 Park Ave., Alameda by Richard Sinnott, 1323 Guerrero, S. F.
Architect...Wm. Wilde, 1725 Broadway, Oakland.
Contractor...A. Sundberg, 410 Jessie, San Francisco.
Filed Nov. 20, '14. Dated Nov. 11, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,500
Bond, \$5250. Surety, Pacific Coast Casualty Co. Limit, 45 days. Forfeit, none. Plans and specifications, none.

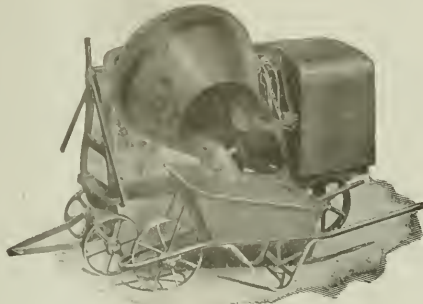
EXHIBITION BUILDING

(3920) EXPOSITION SITE. All work except lighting fixtures and finish hardware for exhibition building.
Owner.....American Telephone & Telegraph Company.
Architect...W. W. Bosworth.
Contractor...Strehlow, Freese & Peterson, Exposition Site, S. F.
Filed Nov. 21, '14. Dated Nov. 21, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$15,400
Bond, \$6920. Surety, Pacific Coast Casualty Co. Limit, Jan. 1, 1915. Forfeit, \$20. Plans and specifications filed.

FRAME RESIDENCE

(3921) W PARIS 150 N Geneva 27x30 Lot 23 Bk 2 Sub. No. 1. All work for five-room and basement frame residence.
Owner.....Fred Huehn, 377 London, San Francisco.
Architect...None.
Contractor...W. F. Duffer, 519 14th Ave. San Francisco.
Filed Nov. 21, '14. Dated Nov. 21, '14.
Roof rafters on \$6,000
Brown coated 4,000
Completed and accepted 4,000
Usual 35 days 60,000
TOTAL COST, \$40,000
Bond, \$15,000. Sureties, Mary A. Duffer

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HARRISON ST.,
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San Francisco

Telephone Market 337

and Roy Slocumb. Limit, 90 days after Nov. 23. Forfeit, none. Plans and specifications filed.

CLASS "C" RESIDENCE

(3922) N WASHINGTON 137-6 W Octavia W 137-6XN 255-4½ W A 195, Steam heating and oil burning systems and kitchen range for two-story basement and attic Class "C" residence.

Owner.....Mary L. Phelan, 1540 California, San Francisco.
Architect...Chas. P. Weeks, Mutual Bank Bldg., S. F.

Contractor...Scott Co., 243 Minna, S. F. Filed Nov. 21, '14. Dated Nov. 19, '14.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2248

Bond, \$1124. Surety, Maryland Casualty Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(3923) ELECTRICAL INSTALLATION on above

Contractor...Butte Elec. & Elec. Co., 685 Howard, San Francisco.
Filed Nov. 21, '14. Dated Nov. 20, '14.

Payments same as above.....

TOTAL COST, \$2399

Bond, \$1200. Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

INCORPORATIONS

Western States Magazine Co. Capital Stock, \$20,000; shares \$1 each; subscribed, \$4. Directors—J. E. Grey, T. C. Wood, Elias Jacobsohn and C. C. Struve, 1 share each. Place of business, San Francisco.

J. & G. Investment Co. Capital Stock, \$25,000; shares, \$10 each; subscribed, \$30. Directors—J. E. Bien, A. M. Marks and L. L. Jacobs, 1 share each. Place of business, San Francisco.

The Ramona Candy Co. Capital Stock, \$100,000; shares, \$100 each; subscribed, \$500. Directors—F. H. Schwarz, H. S. Crane, M. C. Kelso, H. G. Martens and R. Heffernan, 1 share each. Place of business, S. F.

The Pike Farms Co. Capital Stock, \$50,000; shares, \$100 each; subscribed, \$500. Directors—R. G. Hamilton, Jr.,

G. Sheridan, T. F. Hope, C. B. St. and L. A. Williamson, 1 share each. Place of business, San Francisco.

Gun Sales Corp., certified copy articles.

American Centrifugal Crusher Capital Stock, \$1,000,000; shares, each; subscribed, \$500. Directors—Hineshaw, J. Treanor, M. H. Metcal, B. Gould and H. Chickering, 1 share each. Place of business, S. F.

Harry R. Loves, Burr S. Love Frederick C. Haun as G. A. Love Place of business, San Francisco.

Charles A. Gwynn, Daniel E. W. man and Charles H. Collier as tillate Economizer Co.

NOTICE OF NON-RESPONSIBILITY

Nov. 18, 1914—LOT 10 BLK 1, Oscar Heyman & Bro Sub West End M. No. 1. Oscar Heyman & Bro as improvements on leased property

NOTICE OF NON-LIABILITY.

Nov. 19, 1914—SE NAPLES 125 M Italy Ave NE 25XE 100 Ptn I 4 Blk 58 Excel Hd; also known Lot 19 Blk 58, Levy Tct. Lou Levy as to improvements on leased property

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMO

Nov. 13, 1914—N SACRAMENTO E Front E 40 N 60 W 20 N 50 W 20 S 119-6. Wm F Barton Jno Spargo.....Oct. 29,

Nov. 13, 1914—SW GEARY & LARK W 76XS 120. P J Gartland to Pa

1 Karib.....Nov. 7,

Nov. 13, 1914—NE BERNARD A Leavenworth 20X68. Julie Paul

to Steur & Bury.....Nov. 13,

Nov. 13, 1914—SUTTER ST. (Gro Hotel). M D Grosh, E G Larzle

and Louise M Sage to Gas & El

Appliance Co.....Nov. 11,

Nov. 14, 1914—E SEVENTEENTH Ave 150 S Lincoln Way S 25XE 1

William H Kohler to whom it m

Nov. 14, 1914—S CALIFORNIA, Montgomery and Sansome (Me

chants' Exchange Bldg). The

F Commercial Club to Fred L Pre

ting, Nov. 7, 1914; D J Dolan Wrec

ing & Constr Co.....Nov. 7,

Nov. 14, 1914—S TWENTY-FIR Ave 150 S Geary S 50XE 120. Joh

son & Johnson and Axel E Johns

to whom it may concern.....Nov. 14

Nov. 16, 1914—S O'FARRELL 22-11 Leavenworth E 38-9½ S 68-9

38-9½ N 68-9½. Christoph

Anna J von Staden to whom it m

concern.....Nov. 14,

Nov. 16, 1914—E LAPIDGE 145 18th S 25XE 80. F J Clark to

Schroder and W McIntosh.....

.....Nov. 11,

Nov. 16, 1914—W TWENTY-THIR Ave 100 S Lake; No. 119 23rd Av

James H and Amelia V Anders

to W F Duifer.....Nov. 16,

Nov. 16, 1914—NE CABRILLO AN 5th Ave N 25XE 95. John M

Cormick to L C Woodbridge.....

.....Nov. 9,

Nov. 16, 1914—N EIGHTEENTH Av 225 N Balboa N 25XW 120. John

Purcell to whom it may concern

.....Nov. 16,

Nov. 16, 1914—S ARMY 187-6 W D

mond W 27-6X8 114. Henry H and Georgia A Jones to Mager Bros., Nov. 16, 1914—E POWELL, bet. California and Sacramento; No. 830 Powell. Mrs M T Borque to D J & T Sullivan, Inc., Nov. 6, 1914 Nov. 17, 1914—S JESSIE AND NEW Montgomery SW 263-1 to NE Annie SE 68 NE parallel with Jessie 262-4 NW 68. Macdonald & Kahn to C C Morehouse, Nov. 13, 1914 Nov. 17, 1914—NW JACKSON AND Scott N 127-8 1/2xW 137-6. Academy of the Sacred Heart to A Knowles, Nov. 16; Wm Camp and Chas A Carillon (Camp & Carillon), Nov. 14, 1914 Nov. 17, 1914—S O'FARRELL 70 E Hyde E 40X8 77-6. Fred H Green to whom it may concern, Nov. 17, '14 Nov. 17, 1914—SE SANSOME AND Union 177-6x120. National Ice & Cold Storage Co of Cal. to Vulcan Iron Works, Nov. 8, 1914 Nov. 17, 1914—S EIGHTEENTH AVE 209-4 S from Lake 30-8x120. Thomas or Thos Vadden & Son to Thos Vadden & Son, Nov. 14, 1914 Nov. 18, 1914—S PACIFIC 25 E Auburn E 25X8 68-9. August Lamerdin to L Segale and F De Martini, Nov. 10, 1914 Nov. 18, 1914—SE SANSOME AND Union 177-6x120. National Ice & Cold Storage Co to Brandon & Lawson, Nov. 14, 1914 Nov. 18, 1914—SCOTT NO. 2900. Mary Anne Rethers to Swenson Franzen, Nov. 13, 1914 Nov. 18, 1914—NW ATHENS 175 NE Brazil Ave N E 25xNW 100; Pin Lot 6 Bldg 65, Excel Hd. Gottfried Hillblom and Carl A Johnson to whom it may concern, Nov. 17, 1914 Nov. 18, 1914—NE FREDERICK & Delmar 120 on Frederick by 118-9. Eugene N Fritz to Davis Elec Co., Nov. 12, 1914 Nov. 19, 1914—NW JACKSON AND Scott N 127-8 1/2xW 137-6. Academy of the Sacred Heart to Ferdinand Wagner, Nov. 17, 1914 Nov. 19, 1914—E TWENTYETH AVE 125 N Clement N 25X8 120. E Coleman to whom it may concern, Nov. 19, 1914 Nov. 19, 1914—FRANKLIN NO. 1255. The Century Club of California to Wm L Boldt, Nov. 9, 1914 Nov. 19, 1914—W EMBARCADERO 137-6 S Market — 91-8 W 80 N 91-8 E 80. Ferry Imp Co (Lessee) to Nilson & Arras, Nov. 18, 1914 Nov. 20, 1914—LOT 75 SUB NO. 1. Seaciff Add'n. E P Halsted to S A Born Bldg Co., Nov. 15, 1914 Nov. 20, 1914—SUTTER (Grosch Hotel) M D Grosch, E G Larzelere and Louise M Sage to Brode Iron Wks, Nov. 9; United States Metal Products Co., Nov. 19, 1914 Nov. 20, 1914—EXPOSITION SITE. J R Katherns, Manager, to J W Bender Roofing & Paving Co., Nov. 14, 1914 Nov. 20, 1914—S CALIFORNIA, bet. Montgomery and Sansome in Merchants' Exchange Bldg. The S F Commercial Club to Berkeley Steel Co., Nov. 14, 1914 Nov. 20, 1914—W THIRTY-SIXTH Ave 50 S Balboa S 25xW 95. W R Kenny to whom it may concern, Nov. 20, 1914 Nov. 20, 1914—E FRANKLIN 77-8 1/2 S Clay S 20XE 85. Theo E Bulfs to whom it may concern, Nov. 19, 1914

Nov. 20, 1914 W TAYLOR 100 S Sutter S 37-6x137-6. B J Wyman to whom it may concern, Nov. 20, 1914 Nov. 20, 1914—E FRANKLIN 67 8 1/2 S Clay S 20XE 85. Hauss Oetzel to whom it may concern, Nov. 19, 1914 Nov. 20, 1914 NW TUIK AND Leavenworth W 37-6XN 57-6. W F Rueter to G P W Jensen, Nov. 18, 1914 Nov. 20, 1914—SW GEARY & LAITKIN W 76X8 120. P J Gartland to Frank J Kluhn, Nov. 18, 1914 Nov. 20, 1914—SE EIGHTEENTH & Kansas E 37X8 22-6. Mra D or Maria and Demetrios Corcolotes and Mrs Mary Millas or Mary F Miller and Jhon Miller to whom it may concern, Nov. 19, 1914 Nov. 20, 1914—E TWENTY-FOURTH Ave 100 S Anza S 25XE 120. Geo P Cleece to whom it may concern, Nov. 18, 1914 Nov. 20, 1914—S SUTTER 87-6 E Montgomery S 124-9 to beg of lot S 52-7 W 25 S 83.11%, th along Market 92-5 S N 92-6 W 50. Hobart Estate Co to Mangrum & Otter, Nov. 19, 1914 Nov. 20, 1914—S BEACH 55 E Broderick S 687.5XW 535.27; S Tonquin 55 E Broderick S 687.5XW 535.27; S Beach 55 E Broderick E 886.87X8 618.75; S Tonquin 55 E Broderick E 886.87X8 687.5; S Beach 90 W Steiner S 618.75XW 838.12; S Beach 90 W Steiner E 571.25XN 687.5. Panama-Pacific International Exposition Co to Progressive Printing Co., Nov. 16, 1914 Nov. 20, 1914—S BEACH 55 E Broderick S 687.5XW 535.27; S Tonquin 55 E Broderick S 687.5XW 535.27; S Beach 55 E Broderick E 886.87X8 618.75; S Tonquin 55 E Broderick E 886.87X8 687.5; S Beach 90 W Steiner S 618.75XW 838.12; S Tonquin 90 W Steiner S 687.5XW 535.27; S Tonquin 90 W Steiner E 571.25XN 687.5; S Beach 90 W Steiner E 571.25XN 687.5. Panama-Pacific International Exposition Co to The Turner Co., Nov. 12, 1914

LIENS FILED

SAN FRANCISCO COUNTY.

Nov. 12, 1914—N SUTTER 100 W Powell 37-6x137-6 (Grosch Hotel) James L Brown, Inc vs M D Grosch, E G Larzelere and Louise M Sage \$10,734.51 Nov. 12, 1914—N SUTTER 100 W Powell 37-6XN 137-6. Hooper Lumber Co vs M D Grosch, Louise M Sage, E G Larzelere and Jas L Brown \$536.31 Nov. 14, 1914—E UTAH 150 S 24th S 25x100. George Ryan vs Margaret Mullin and Thos F Mitchell \$485.66 Nov. 16, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. San Francisco Drayage Co vs M D Grosch, E G Larzelere and Louis M Sage, \$194 Nov. 16, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. Joseph Deasy vs James L Brown, Inc, M D Grosch, Louise M Sage and E G Larzelere \$33.20 Nov. 16, 1914—SW BROADWAY AND Powell S 83-6XW 100. Holden-Deuprey Co vs Geo J Panario, Kate Grim, Kate Wetmore and Geo J Panario \$525 Nov. 18, 1914—NE CLAY & LEAVENWORTH N 30XE 91. C Carnevali Marble & Mosaic Co vs John R

Schroeder \$400 Nov. 18, 1914—N MIAMI N 1-1/4 W 25xN 7-1-1/4XN 6. Under & Hamilton vs Neil A McLean and Taitbot Invt Co \$19,000 Nov. 19, 1914—SE EIGHTEENTH & Kansas E 37X8 22-6. C Carnevali Marble & Mosaic Co vs D Carnevali and Mrs D Carnevali, John and Mary Millosa or Millosa and Margio Kolen and F A Hannon \$75

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—1 story and base, frame. Cost not stated. Oakland, Cal. Architect, C W Buckley. Central Bank Bldg. Oakland owner, Hugh O'Kane. The building will be erected at the corner of College avenue and Tait street, and will contain a store on the first floor and small apartments on the second floor. Interiors will be finished in pine and red wood. Wall beds and private bath will be used. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

CHURCH ALTERATION—Frame construction. Cost not stated. Centerville, Alameda Co., Cal. Architect, John J. Foley, 16 Kearny street. S. F. Owners, Holy Ghost Catholic Church. The main auditorium will be enlarged and entirely refinished. Work will require new interior finish, plastering, electric work and art glass. No exterior alterations will be made. Plans are being prepared.

HOTEL AND STORES—7 story and base. Class A construction, \$101,000. Oakland, Cal. Architect, William Wilde, 1735 Broadway, Oakland. Owner, O. J. Mead. The building will be erected at the southeast corner of 10th and Clay streets, covering a considerable ground area. Plans provide for several stores besides the hotel office and lobby on the ground floor. Upper floors will be divided into 108 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood. Tile floor and ornamental plaster will be used in the lobby and office. There will be steam heat, elevator service, hollow tile interior partitions, a hot water supply and vacuum cleaning system. Metal window sash and frames and patent store fronts will be used. Exterior of the building will be faced with pressed brick and terra cotta. Working drawings are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$2,500. Oakland, Cal. Architect, none. Owners, Price Bros., 2533 Shafter avenue, Oakland. The dwelling has been designed for a seven room house with bath and sleeping porch, and will be erected on Lake Shore avenue. Interior will be finished in pine and redwood with some hard wood veneer and white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$12,000. Berkeley, Alameda Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. A. Miller. The dwelling will be erected in the Claremont Tract, and has been designed to contain ten rooms, three baths and sleeping porches. A garage will be erected in the rear of the property. Interior of the house will be finished in pine, hardwood veneer and white enamel. Hardwood floors will be used throughout except in the bath rooms. Plans provide for a central heating system, probably hot water. Open fire places and tile mantels are also specified. Bath rooms will be finished in tile and equipped with showers. Exterior of both house and garage will be covered with cement plaster on metal lath. Plans are being figured.

RESIDENCES—2, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, Mr. Charleston. These houses will be erected at the corner of 55th and Grove streets and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood with some hardwood floors. Each living room will have an open fire place with tile mantel. Bath room will be finished in tile. Exterior of the houses will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

SCHOOL—1 story and base, brick and plaster, \$35,000. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The building will be erected on the old Tompkins School site and will replace the building recently destroyed by fire. There will be eight class rooms, teachers' rooms, assembly hall, and principal's office. Interior will be finished in pine with some maple floors. A central heating system, probably steam heat will be installed. There will be modern school plumbing. Exterior of the building will be covered with cement plaster. Plans are now being prepared. Further mention will be made of the work.

SCHOOL RETAINING WALL—Concrete. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Nissen Bros. of Oakland presented the lowest bid for constructing the concrete retaining wall at the lockwood School at \$7,818 and will probably be awarded the contract. A complete list of the bids will be found under the heading of Oakland and Alameda County in this issue.

RESIDENCE—2 story and base, frame. Cost not stated. Piedmont, Alameda Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Phillip Thayer. The dwelling will be erected on Mountain avenue and has been designed to contain eight rooms, two baths and sleeping porch. Interior will be finished in pine, redwood, hardwood veneer and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete

and figures are being taken by the architect.

SCHOOL—1 and 2 story and base, reinforced concrete, \$165,000. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The building will be erected at the corner of 32nd and Magnolia streets. The building has been designed for a fourteen-room school with a large auditorium, principal's office, departments of domestic science and manual training. Interior will be finished in pine with maple floors in the class rooms. Plans provide for steam heat, a modern system of ventilating, school plumbing and vacuum cleaning. Program clocks will be installed. Exterior of the building will be faced with cement plaster and pressed brick. Plans are being completed and will be out for figures in three weeks.

LIBRARY—1 and 2 story and base, brick and steel, \$50,000. Oakland, Cal. Architect, W. H. Weeks, 75 Post street, S. E. Owners, City of Oakland. Preliminary plans have been started for the first of three branch libraries to be erected in Oakland. The first building will be erected in the Fremont School District, and will be in the classic style. There will be two main reading rooms, stack rooms, work space and office for the librarian. Pine and hardwood interior trim will be used. There will be a central heating system, oil burning plant and vacuum cleaning. Exterior of the building will be faced with cement plaster or pressed brick and terra cotta. Plans are being prepared.

Building Contracts Awarded. Oakland.

No.	Owner	Contractor	Am't
2753	Oates	Oates	2300
2756	Hewitt	Greuner	500
2757	Woodward	McPhee	500
2758	1st Svngs Bk.	Schnebly	500
2759	E&G Brewing	Kennedy	400
2760	Valasco	Corbett	400
2761	Selby	Corbett	450
2762	Goranson	Owner	2500
2764	Davis	Davis	400
2765	Walstrom	Walstrom	1000
2766	Letora	Allen	700
2767	Baner	Malley	2330
2768	Price	Price	3500
2769	Haight	Smith	2200
2774	Poly School	McCreary	7000
2775	Minney	Nickel	2500
2776	S. P. Co.	McDonald	11335
2777	Ger Ev Luth.	Woodard	4340
2782	Derby	Dresbach	1600
2783	Same	Same	1600
2784	Davis	Davis	1500
2785	Hakkala	Patrick	4500
2787	Dwyer	Nichols	2200
2788	Key Route	S. E. Bridge	2200
2789	Strang	Strang	1800
2790	Melrose Lbr	Owner	550
2791	C.	Stone	2800
2792	Phed	Stevens	500
2793	Strang	Strang	2000
2794	Schoener	Brown	800
2795	Port Amr	Boeher	2500
2796	21st & Bdwy Co.	Wilson	6000

DWELLING

(2753) N VISTA AVE 150 E Everett Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....Richard Oates, 38th and Division, Oakland.
Architect...None.
Day's work.....COST, \$2500

GARAGE

(2756) S WILDWOOD 200 E Grand Ave., Oakland. Garage.
Owner.....R. S. Hewitt, 414 14th, Okd
Architect...None.
Contractor..W. M. Greuner, 414 14th, Oakland. COST, \$500

ALTERATIONS

(2757) NO. 1440 SAN PABLO AVE
Oakland. Alterations.
Owner.....F. J. Woodward, Oakland
Bank of Savings Bldg
Oakland.
Architect...None.
Contractor...A. J. McPhee, 2144 E-27th
Oakland. COST, \$500

ALTERATIONS

(2758) NO. 40 MOSS AVE., Oakland
Alterations.
Owner.....First Savings Bank, 161
and San Pablo, Okd.
Architect...None.
Contractor..Schnebly, Hostrawser
Pedgrift, 6th and Jackson
Oakland. COST, \$500

ALTERATIONS

(2759) NO. 1012 WASHINGTON, Oak
land. Alterations.
Owner.....Blue & Gold Brewing Co
26th & Chestnut, Oakland
Architect...None.
Contractor...F. T. Kennedy, 565 16th
Oakland. COST, \$400

ALTERATIONS

(2760) NO. 480 TENTH, Oakland
Alterations.
Owner.....J. Valasco, Premises.
Architect...None.
Contractor..Corbett & Bayless, 111
Franklin, Oakland. COST, \$400

ALTERATIONS

(2761) NO. 351 TWELFTH, Oakland
Alterations.
Owner.....Selby Bros., Premises.
Architect...None.
Contractor..Corbett & Bayless, 111
Franklin, Oakland. COST, \$450

DWELLING

(2762) E BRYANT AVE 180 N College
Ave., Oakland. One-story 6-room
dwelling.
Owner.....H. Goranson, 431 45th, Okd
Architect...None.
Day's work.....COST, \$2500

ALTERATIONS

(2764) NO. 583 THIRTY-SIXTH, Oak-
land. Alterations.
Owner.....W. J. Davis, Premises.
Architect...None.
Day's work.....COST, \$1000

DWELLING

(2765) N HARBOR VIEW AVE 60 W
Patterson, Oakland. One-story four-
room dwelling.
Owner.....Carl Walstrom, 2728 12th
Ave., Oakland.
Architect...None.
Day's work.....COST, \$1000

DWELLING

(2766) N FORTY-NINTH 110 E Law-
ton Ave., Oakland. One-story four-
room dwelling.
Owner.....John Letora, 5095 Tele-
graph Ave., Oakland.
Architect...None.
Contractor..Roy Allen, 5924 Grove,
Oakland. COST, \$700

DWELLING

(2767) — HOWE 150 E John, Oakland
Two-story 6-room dwelling.
Owner.....Mrs. Baner, 1748 12th Ave.,
Oakland.

Architect ..None.
Contractor..H. Malley, 2917 West, Okd.
COST, \$2930

DWELLING
(2768) 8 LAKE SHORE AVE 500 E
Wala Vista Ave., Oakland. One-
story 6-room dwelling.
Owner.....Price Bros., 5631 Shafter
Ave., Oakland.
Architect...None.
Day's work. COST, \$3500

DWELLING
(2769) N E-TWENTY-THIRD 200 E
24th Ave., Oakland. One and one-
half-story six-room dwelling.
Owner.....Eliza Haight, 2422 E-23rd,
Oakland.
Architect...None.
Contractor..O. G. Smith, 1411 Walnut
Ave., Oakland.
COST, \$2200

ALTERATIONS
(2774) NO. 136 THIRTEENTH, Oak-
land. Alterations.
Owner.....Polytechnic School, Prem.
Architect...None.
Contractor..McCreary & Sampson.
COST, \$1000

ALTERATIONS
(2775) E BROADWAY 25 S 15th, Oak-
land. Alterations.
Owner.....Minney & Seales Co.,
Syndicate Bldg., Oakland.
Architect...None.
Contractor..K. H. Nickel, 330 Oakland
Ave., Oakland.
COST, \$2500

BRICK SHOP
(2776) S P YARDS, West Oakland.
Two-story brick shop.
Owner.....Southern Pacific Co, Flood
Bldg., San Francisco.
Architect...None.
Contractor..McDonald & Kahn, 907
Rialto Bldg., S. F.
COST, \$11,335

FRAME BUILDING
(2777) NE BRANN 300 NW Gibson
Ave NW 50th NE 75, Oakland. All
work for two-story frame dwelling.
Owner.....California & Nevada Dis-
trict of German Evangelical
Lutheran Synod of
Missouri, Ohio and other
States.
Architect...Frederick D. Boese, 45
Kearny, San Francisco.
Contractor..E. W. Woodard.
Filed Nov. 19, '14. Dated Oct. 29, '14.
Frame up 1/4
Brown coated 3/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$4340
Bond, \$2170. Surety, New Amsterdam
Casualty Co. Limit, 90 days. Forfeit,
\$. Plans and specifications filed.
NOTE—1st report Nov. 13, No. 2726.

DWELLING
(2782) S E-FIFTEENTH 125 E 16th
Ave., Oakland. One-story 4-room
dwelling.
Owner.....C. A. Derby, 1702 E-15th,
Oakland.
Architect...None.
Contractor..G. E. Dresbach, 3437
Henrietta, Oakland.
COST, \$1600

DWELLING
(2783) S E-FIFTEENTH 100 E 16th

Ave., Oakland. One-story 4-room
dwelling.
Owner.....C. A. Derby, 1702 E-15th,
Oakland.
Architect...None.
Contractor..G. E. Dresbach, 3437
Henrietta, Oakland.
COST, \$1600

ALTERATIONS
(2784) NO. 759 SIXTIETH, Oakland.
Alterations.
Owner.....Harry Davis, 759 60th, Okd
Architect...None.
Contractor..C. A. Davis, 759 60th, Okd.
COST, \$1500

FLATS
(2785) S LAUREL 575 E Piedmont Ave.,
Oakland. Two-story 11-room flats.
Owner.....Matt Hokala.
Architect...None.
Contractor..Hugh G. Patrick, 1429
Channing Way, Berkeley.
COST, \$1500

ALTERATIONS
(2787) E BROADWAY, bet. 40th and
41st, being Nos. 4050-82 Broadway,
Oakland. Alterations and additions
to two-story frame flats (now two
flats made into 4 flats).
Owner.....Mary Grace Dwyer, 1050
Broadway, Oakland.
Architect...None.
Contractor..Leo L. Nichols, 1st Trust
Bldg., Oakland.
Filed Nov. 20, '14. Dated Nov. 19, '14.
Frame up\$550
Brown coated 550
Completed 550
Usual 35 days..... 550
TOTAL COST, \$2200
Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications filed.

TERMINAL YARD
(2788) KEY SYSTEM PIER, San
Francisco Bay. Sub-structure for
terminal yard.
Owner.....San Francisco, Oakland
Terminal Railway.
Architect...None.
Contractor..S. F. Bridge Co., Nevada
Bank Bldg., S. F.
Filed Nov. 20, '14. Dated Oct. 31, '14
Furnishing and driving cressoted
piles55 83-100c per 11n ft.
Furnishing and placing untreated
lumber\$32.68 per M ft.
Furnishing and placing cressoted
lumber\$61.12 per M ft.
TOTAL COST, \$—
Bond, \$—, Surety, Aetna Accident
& Liability Co, consents to changes.
Limit, Feb. 1, 1915. Forfeit, none.
Plans and specifications filed.
NOTE—Modifying agreement of
July 8, 1914.

DWELLING
(2789) W ELSTON AVE 127 S E-38th,
Oakland. One-story 3-room dwlg.
Owner.....N. N. Strang, 1521 9th, Okd.
Architect...None.
Day's work. COST, \$1800

WAREHOUSE
(2790) S E-FOURTEENTH 75 W 46th
Ave., Oakland. One-story warehouse.
Owner.....Melrose Lumber Co, 1257
46th Ave., Oakland.
Architect...None.
Day's work. COST, \$550

ADDITION
(2791) FOOT SIXTY-SIXTH AVE.,
Oakland. Add to hog serum station.

CONTRACTS AWARDED
Berkeley.
Owner.....J. P. 206th 17th Carr.
Berkeley

CONSTRUCTION
(2792) NO. 108 WEST Oakd and Ad-
dition.
Owner.....M. L. Lee, Cor. 10th and
West Oakd.
Architect...None.
Contractor..Stevens & Bonditt, 100, Mc-
Allister, San Francisco.
COST, \$—

DWELLING
(2793) W ELSTON AVE 168 S E-18th,
Oakland. One-story 4-room dwlg.
Owner.....V. N. Strang, 1521 9th, Okd
Architect...None.
Day's work. COST, \$2000

DWELLING
(2794) N OLIVE 311 E 9th Ave, Oak-
land. One-story 4 room dwelling.
Owner.....A. C. Schoener, 9672 Olive,
Oakland.
Architect...None.
Contractor..Tom Brown, 1442 89th Ave
Oakland.
COST, \$400

BANK
(2795) NW ELEVENTH & FRANKLIN
Oakland. Bank fixtures, marble, til-
ing, etc.
Owner.....Portuguese American Bank
Premises.
Architect...J. Henry Boehr, Delger
Bldg., Oakland.
Contractor..Boehr & Legault, Delger
Bldg., Oakland.
COST, \$2500

STORES
(2796) SW HOBART & BROADWAY,
Oakland. Two-story brick and frame
stores.
Owner.....Twenty-first and Broad-
way Company
Architect...None.
Contractor..F. J. Wilson, 96 Frisbie,
Oakland.
COST, \$6000

Building Contracts Awarded.
Berkeley.

No.	Owner	Contractor	Am't.
2754	Taylor	Taylor	1600
2753	Hastings	Cameron	600
2755	Wilson	Wilson	1500
2758	Peake	Brodrick	3000
2759	Morgan	Porter	1000
2780	Kinney	Kinney	1750
2781	Roosevelt Hsp'tl.	Boone	9000
2786	Marshall	Habon	557

DWELLING
(2754) E KAINS AVE 250 S Gilman,
Berkeley. One-story 4-room dwlg.
Owner.....J. G. Taylor, 512 Curtis,
Berkeley.
Architect...None.
Day's work. COST, \$1400

ALTERATIONS
(2757) SE HILLEGASS & STEWART,
Berkeley. Alterations and addition.
Owner.....Miss Hannah Hastings,
Berkeley.
Architect...None.
Contractor..H. C. Chamberlain, 1185 West-
sey, Berkeley.
COST, \$100

DWELLING
(2764) N BLAKE 21 E Grant, Berkeley
Two-story 3-room dwelling.

Owner.....Mina Wilson, 519 Grant, Berkeley.
 Architect.....None.
 Contractor.....G. H. Wilson, 2519 Grant, Berkeley. COST, \$1500

DWELLING
 (2778) N ELDORADO AVE 250 E Lassen, Berkeley. Two-story 5-room dwelling.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
 Architect.....None.
 Contractor.....W. L. Brodrick, 2127 University Ave., Berkeley. COST, \$3900

ALTERATIONS
 (2779) E LA LOMA AVE 62 N Virginia, Berkeley. Alterations.
 Owner.....Wm. S. Morgan, 1629 La Loma Ave., Berkeley.
 Architect.....None.
 Contractor.....J. H. Porter, 2616 Cedar, Oakland. COST, \$1000

DWELLING
 (2780) N CARLTON 240 E Mable, Berkeley. One-story 5-room dwelling.
 Owner.....C. H. Kinney, 5788 Vicente Ave., Oakland.
 Architect.....None.
 Day's work. COST, \$1750

ADDITION
 (2781) S HASTE 175 E Milvia, Berkeley. One-story 2-room addition to hospital.
 Owner.....Roosevelt Hospital.
 Architect.....None.
 Contractor.....J. Boone, 4480 Pleasant Valley Court, Oakland. COST, \$1000

DWELLING AND GARAGE
 (2786) LOT 19 BLK "B" Claremont Court, Berkeley. All work for two-story frame dwelling and garage.
 Owner.....L. R. Markell, 1545 Josephine, Berkeley.
 Architect.....None.
 Contractor.....C. M. Blabon, 1601 Posen Ave., Oakland.
 Filed Nov. 20, '14. Dated Nov. 19, '14.
 Completed and accepted.....\$557
 Owner pays for material and labor up to \$5013 in all.....
 TOTAL COST, \$557
 Bond, none. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

2770 Tibby	Vollmar	400
2771 Strang	Strang	2000
2772 Wright	Burton	1600
2773 Hanley	MacRae	800

ADDITION
 (2770) NO. 1530 LAFAYETTE, Alameda. Addition.
 Owner.....T. M. Tibby, 1119 Union, Alameda.
 Architect.....None.
 Contractor.....A. G. Vollmar, 2217 San Jose Ave., Alameda. COST, \$400

DWELLING
 (2771) NO. — EIGHTH, Alameda. One-story 5-room dwelling.
 Owner.....F. N. Strang, 1334 8th. Ala.
 Architect.....None.
 Day's work. COST, \$2000

ALTERATIONS
 (2772) NO. 1524 WEBSTER, Alameda. Alterations.
 Owner.....Geo. T. Wright, 1421 San Antonio Ave., Alameda.
 Architect.....None.
 Contractor.....Chas. Burton, 993 Park, Alameda. COST, \$1000

ALTERATIONS
 (2773) NO. 1419 WALNUT, Alameda. Alterations.
 Owner.....J. S. Hanley, 1310 Park, Alameda.
 Architect.....None.
 Contractor.....Chas. MacRae, — Encinal Ave., Alameda. COST, \$500

CONTRACTORS' BOND.

Nov. 19, 1914—E BENVENUE 150 S Woolsey, Bkly. Owner, Herbert A. Curry; contractor, F R Peake Co.; surety, F. R. Peake and W L Brodrick; bond, \$1944.

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market by W I Clarke to Harry C Knight. Nov. 7, '14
 Nov. 13, 1914—N KEITH AVE 126 E Pryal, being Lot 17 Blk "V" Vernon Park Tract, Okd. W A Ballinger to William H Kerrigan. Oct. 12, 1914
 Nov. 13, 1914—LOT 6 and 6-S Lot 5 and S 7-6 Lot 7 Blk "D" Map Broadway Terrace, Okd. Jas E Stewart and R H Banning to whom it may concern.....Nov. 10, 1914
 Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market to Wm I Clarke.....Nov. 7, 1914
 Nov. 14, 1914—W BAY 85 S Peabody Lane, Emeryville. Peterson Tallow Co to F E Allen.....Nov. 10, 1914
 Nov. 16, 1914—LOT 195 Fourth Ave Terrace Ext., Okd. John G Sjoberg to Harry C Knight.....Nov. 13, 1914
 Nov. 16, 1914—E TELEGRAPH AVE and W Broadway N 108.53 NW 36.86 S 104 SE 5.70, Okd. Federal Realty Co to J Llewellyn Co Nov. 13; Jas L Brown, Inc.....Nov. 7, 1914
 No. 16, 1914—LOT 10 BLK 18, Melrose Heights Tract, Okd. Z Spencer Clark to O G Smith.....Nov. 1, 1914
 Nov. 16, 1914—PTN LOT 6 BLK 4 Map Plan of Howe Tract, Okd. Mary Moller to Oscar Olson. July 16, 1914
 Nov. 17, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co to Edward E Soule.....Nov. 9, 1914
 Nov. 17, 1914—N 43 LOT 2 Boyd Place Bkly. Ernest A Richards to Ernberger & Dildine.....Nov. 12, 1914
 Nov. 17, 1914—SW GROVE AND 22ND Oakland, S F O T Railways to N McDonald, Nov 12; L D Frazee.....Nov. 12, 1914
 Nov. 17, 1914—LOT 12 BLK "B" Map Kenwood Park, Okd. Lewis and Mitchell, Inet to O G Smith.....Nov. 14, 1914
 Nov. 18, 1914—W LAKE SHORE AVE 63 S Cottage S 40xW 100, Oakland. Chas E Quigley to whom it may concern.....Nov. 17, 1914
 Nov. 18, 1914—N PARK BLVD 78 SW Montclair Ave SW 38, Okd. George

D Slater to Fred Peters. Nov. 14, '14
 Nov. 18, 1914—W 38 LOT 19 BLK "A" Waterside Terrace Tract, Ala. Mark T Cole to whom it may concern.....Nov. 12, 1914
 Nov. 19, 1914—SW DIVISION NO. 4 designated survey partition Rancho De San Antonio, Aug. 29 1871 SE 2551.36 from W Cor. Division No. 4 NE 491.55 NE 135.84 NE 463.25 NE 800.47 NE 274.80 NE 541.26 NE 200 SE 713.01 SE 370 500.39 NE 229.59 NW 295.30 NW 4 SW 201 NW 500 SW 215 NW 500 NE 390 NW 190 SW 390 NW 150 NE 288.45 NW 100 SW 630 NW 400 NE 560 NW 142.34 NW 498.05 NW 30 NE 440 NW 244.70 SW 708.68 SW on curve to left 44.44 on curve to right 332.65 SW 162.23 SE 230.5 SW 160.82 SW 515.72 W 166.10 SW 424.27 SW 152.66 SW 159.72 SW 404.78 SW 355.10 SW 346.10 NW 143 W on curve to right 405.71 on curve to left 112.82 SE on curve to right 24.49 SE 235.70 SW 364.56 SW 671 SE 1365, Alameda County Sequoyah Country Club to Carl Doell.....Nov. 12, 1914
 Nov. 19, 1914—LOT 162 Wickham Havens Inc Map Piedmont-by-the Lake, Okd. John A Brunje to Irving C Mickelsen.....Nov. 2, 1914
 Nov. 19, 1914—LOTS 7 AND 8 Black Tract No. 3 on N Kittridge St Bkly. John Muldoon and Frank Wilson to W Makin.....Nov. 14, 1914
 Nov. 19, 1914—LOT 5 BLK "J" Mos Tract, Okd. E Welchhoff to Fletche & Newby.....Nov. 16, 1914

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1914—LOT 167 Amended Ma Rhoda Tract, Okd. E H Witteroff \$102.50; F M Dreisbach (Zenith Mill & Lumber Co), \$417.39 vs. Hebel
 Nov. 10, 1914—W WASHINGTON Park 800 S Central Ave W 285 189.50 SE 304.47 N 296.62, Alameda E K Wood Lumber Co vs Alameda Venice & Swimming Baths, F J Dodd, Wm R Geary, A P Johnson and Harold Everhard.....\$84
 Nov. 9, 1914—S HOPKINS 18.33 14th Ave SE 67.16 W 32.75 NW 64.24 NE 23.4 SE 18.33, Okd. John P Maxwell vs Perry Baird and V A Walker
 Nov. 7, 1914—LOT 4 BLK 9 Ma Claremont, Bkly. Haines, Jones Caddbury Co vs J C and Helen Kathryn Bowman, Oscar Seller and Bay City Bldg Co.....\$67
 Nov. 7, 1915—NE TWENTY-SECOND and Filbert, Okd. Pacific Fuel Bldg Material Co vs Union Ice Co and Andrew Wilkie Co.....\$108
 Nov. 12, 1914—LOT 25 North Christiania Tract, Albany. John Maxwell vs W A Walker, William C Leverich and Mary W Norton.....
 Nov. 13, 1914—W BROADWAY 100 20th N 50xW 100, Okd. F G Jones vs R J McMullen, Henry Haushille and E L Mathewson.....\$21
 Nov. 14, 1914—LOT 1 on NE GRANT Ave and Cottage, Map Grand Ave Terrace, Okd. Pacific Fuel & Bldg Material Co vs J H Tolcer and Alfred Cords\$1
 Nov. 14, 1914—LOT 23 North Christiania Tract, Albany. F W Foster Co vs W A Walker, Karin Johnson and E V Anderson.....\$17

Nov. 16, 1911—W EIGHTH AVE, bet E-15th and E-19th being No. 1825 8th Ave., Okd. R H and Francis and R E Conrad (Conrad Elec Co) vs R N Anderson.....\$192.11

Nov. 16, 1914—SE MANOR DRIVE & Holly Place, being Lot 39 Map Piedmont Manor, Piedmont. James Rountree vs A C and Eva Davis.....\$168.60

Nov. 16, 1914—E ELSTON AVE 145 N E-35th N 40x E 100, Okd. Howard Co vs Charles Geenzler and A P Azevedo\$116.35

Nov. 16, 1914—W THIRTEENTH AVE 370 S Brighton Ave. S 40x W 105, Okd. Howard Co vs Cecelia Simpson and A P Azevedo\$165.25

Nov. 17, 1914—LOT 23 Map North Christiania Tract, Albany. A A Story vs W A Walker, Karin Johnson and E V Anderson\$296

Nov. 17, 1914—LOT 18 BLK 4 Map of Blks 3 and 4, Berkeley Park, Bkly. Hogan Lumber Co vs D Santo and Al G Barker\$266.64

Nov. 18, 1914—LOT 26 BLK "L" Map 4th Avenue Terrace, Okd. Howard Co vs Charles Geenzler and A P Azevedo\$116.35

Nov. 19, 1914—LOT 107 Amended Map, Rhoda Tract, Okd. Powell Bros Constr Co vs A Hebel.....\$52.15

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Reinforced concrete, \$5,000. Salinas, Monterey Co., Cal. Engineer, County Surveyor, Salinas. Owners, Monterey County. W. L. Gilham of San Jose was the only bidder on the of San Jose was the only bidder on the over the Pajaro River near Aromas. His bid was \$9,000 or \$4,700 more than the County Surveyor's estimate. The bid was rejected. It is probable that new bids will be called.

RESIDENCE — 2 story and base, frame, \$25,000. Palo Alto, Santa Clara Co., Cal. Architects, Hodges & Mitchell, Bankers' Investment Bldg., S. P. Owner, W. E. Palmer. The dwelling has been designed for a twelve-room house with three baths and sleeping porches. Interior will be finished in pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: H. M. Nelsen, 250 South 13th street, 1 story frame dwelling and garage, \$2,500; V. Ginestra, 714 North 14th street, 1 story and base, frame cottage, \$1,600, and George Hamburg, Santa Clara between 27th and 28th streets, 1 story frame cottage, \$1,500. Materials are now being purchased.

COTTAGE—1 story and base, frame, \$2,500. San Jose, Santa Clara Co., Cal. Architect, none. Owner, C. A. Gould, 662 North 15th street, San Jose. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine and redwood. Some

BUILDING AND INDUSTRIAL NEWS

hardwood floors will be used. There will be an open fire place and tile or brick mantle. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor

BUILDING CONTRACTS
SANTA CLARA COUNTY.

ALTERATIONS
N-THIRD near St. James St., San Jose. Alterations. Owner.....Miss Rehl, Premises. Architect.....O. M. Vrooman, 38 S-First St., San Jose. Contractor, H. A. Bridges, 725 S-14th St., San Jose. COST, \$3900

COTTAGE
SECOND & HOLLYWOOD AVE., San Jose. Six-room cottage. Owner.....A. G. DeBurtz, Santa Clara bet. 2nd and 3rd, San Jose. Architect.....None. Contractor, J. A. Wagner, 320 S-16th St., San Jose. COST, \$2600

COTTAGE
VIRGINIA near Orchard St., San Jose. Five-room cottage. Owner.....Lennahan. Architect.....None. Contractor, John Giottio, 233 W-St. James St., San Jose. COST, \$950

COTTAGE
SECOND AND MARTHA STS., San Jose Six-room cottage. Owner.....C. A. Gould, 662 N-15th St., San Jose. Architect.....None. Day's work. COST, \$2000

STATION
SANTA CLARA, bet. 6th and 7th Sts., San Jose. Steel filling station. Owner.....Standard Oil Co., Salvador and Sunol Place, San Jose. Architect.....None. Day's work. COST, \$650

COTTAGE
NO. 69 N-THIRTY-THIRD ST., San Jose. Five-room cottage. Owner.....H. A. Spencer, 366 Berryessa Road, San Jose. Architect.....None. Day's work. COST, \$500

STATION
NW SECOND AND SAN ANTONIO STS San Jose. Brick filling station. Owner.....Standard Oil Co., Salvador and Sunol Place, San Jose. Architect.....None. Day's work. COST, \$500

ADDITION
NO. 685 N-FIFTEENTH ST., San Jose. Three-room addition. Owner.....B. Caputo, Premises. Architect.....None. Day's work. COST, \$450

ALTERATIONS
NO. 79 S-FIRST ST., San Jose. Alterations. Owner.....Hiram Thompson, 257 S-3rd St., San Jose.

Architect J. H. Webb, 1st St. Bank Bldg., San Jose
Contractor J. H. Miller, 909 S-1st St. San Jose
COST, 1000

REPAIRS
NO. 1 S-TWENTY-FOURTH ST., San Jose Repairs
Owner Mrs. Lowdio, Premises
Architect.....None
Contractor W. W. Wolford, 1 N-24th St., San Jose
COST \$700

BUILDING CONTRACTS
SAN MATEO COUNTY.

RESIDENCE
CAROLANOS, Hillsboro All brick work for residence. Owner.....Harlett Pullman Carolan, Hillsboro, Cal
Architect Willis Polk & Co., Hobart Bldg., San Francisco. Contractor, F. L. Preston, 337 Eddy, San Francisco. Filed Nov. 7, '14. Dated Oct. 12, '14. Up to time of completion.....75% Usual 35 days.....25%
TOTAL COST, \$12,900
Bond, \$6,450. Surety, The Aetna Accident & Liability Co. Limit, Dec. 15, 1914. Forfeit, \$10 per day. Plans and specifications, none.

ALL CARPENTER WORK ON ABOVE
Contractor, Stockholm & Allyn, 110 Jessie, San Francisco. Filed Nov. 7, '14. Dated Oct. 17, '14. Payments same as above.....
TOTAL COST, \$21,560
Bond, \$10,825. Surety, The Aetna Accident & Liability Co. Limit, April 1, 1915. Forfeit, \$10 per day. Plans and specifications filed.

RESIDENCE
REDWOOD CITY. All work for two-story frame residence. Owner.....Franklin Swart, Redwood City. Architect.....N. W. Sexton, 119 Chronicle Bldg., San Francisco. Contractor, Charles Miller, Redwood City. Filed Nov. 9, '14. Dated Nov. 2, '14. 1-st frame up.....\$1026.75 Outside plastering finished. 1026.75 When completed.....1026.75 Usual 35 days.....1026.75
TOTAL COST, \$4107.00
Bond, none Limit, Feb. 3, 1915. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.
SAN MATEO COUNTY.

RECORDED ACCEPTED
Nov. 9, 1914—SANTA INEZ AVE AND Ellsworth, San Mateo. Nellie Ryley to W S Alexander Nov. 4, '14
Nov. 9, 1914—PTN LOT 8 BLK 5 (Map Supplemental Map of Map No. 1 of Town of Burlingame. City of Burlingame to Cheseddon Casualty & Guaranty Co.) Nov. 14, 1914
Nov. 11, 1914—BLK 5, Monte Grove John B Leonard to John MacArthur Oct. 27, 1914
Nov. 12, 1914—LOT 26 Baldwin & Howell Rd—Lots 167 and 168 etc., San Mateo Park. A Feldman to John H Gibson Oct. 24, 1914

Nov. 12, 1914—UPLANDS, Hillsborough. Chas T Crocker to Butte Eng & Elec Co. Nov. 6, 1914
Nov. 13, 1914—PTN LOTS 1 AND 2 Blk 124 S S F, South San Francisco. Albert J Eschelbach and Roy C Morton to A B Cavanaugh. Nov. 13, 1914

LIENS FILED.

SAN MATEO COUNTY.

RECORDED AMOUNT
Nov. 7, 1914—PTN LOT 4 BLK "G" of Wooster, Whittton and Montgomery Sub of Redwood Farm. Gray-Thorning Lumber Co vs Joseph Enos, Perrierra and Charles E Hayden \$149.56

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGE—Reinforced concrete, \$20,000. Fresno, Fresno Co., Cal. Engineers, Federal Engineering Co., L. A. Owners, Fresno County. The Supervisors have authorized the Federal Engineering Company of Los Angeles to prepare plans and specifications for the construction of a bridge across Kings River above Sanger, on the new Fred Turner road. The structure will be of concrete construction, 400 feet long. (In approval of the plans bids will be called.)

BRIDGE—Reinforced concrete. Cost not stated. Tulare, Tulare Co., Cal. Engineer, County Surveyor, Tulare. Owners, Tulare County. Plans and specifications for a reinforced concrete bridge to be erected over Cottonwood Creek in the Fourth Road District have been completed and approved. Bids are now being taken and will be opened by the Supervisors on December 7th. Plans and specifications can be secured from the County Surveyor at Tulare.

STREET PAVING—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Resolutions for the paving of K street from Inyo to Isabella have been passed by the Supervisors. Bids will soon be called for on the work.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Visalia, Tulare Co., Cal. Architects, Brown & Davis, Fresno. Owner, L. Lucier. The building has been designed to contain four suites of three and four rooms. Each apartment will have wall beds and private bath room. Interior finish will be of pine, redwood and elm, with some hardwood floors. There will be a central heating system and hot water supply. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

HOTEL AND STORE—2 story and base, brick and steel, \$20,000. Fresno, Fresno Co., Cal. Architects, Bowen & Davis, Fresno. Owner, V. Jarmagian. The building will be erected on I street between Inyo and Kern. There will be two stores besides the hotel lobby on the first floor. Upper floor will be arranged for a total of 32 rooms and several baths. Plans provide for steam heat and a hot water system. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$4,500. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. The building will contain in the neighborhood of five rooms and one bath. Interior of the dwelling will be finished in pine and some hardwood. Hardwood floors will be used in the principal rooms. There will be tile mantels. A hot water heater will be installed. Tile wainscot will be used in the bath room. Exterior of the building will be faced with cement plaster. Plans are now being completed.

RESIDENCE—2 story and base, frame. Cost not stated. Wasco, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owner, Dr. E. S. Fogg. The dwelling has been designed to contain five rooms and an office. Interior of the dwelling will be finished with pine and some redwood. A brick or tile mantel will be installed. There will be furnace heat and open fire places. Exterior of the dwelling will be covered with cement plaster and shiplap. The plans are now being completed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

REFRIGERATING PLANT—1 story, reinforced concrete. Cost not stated. Mare Island, Cal. Engineer, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. The time for opening bids on the refrigerating plant at Mare Island has been extended until December 5th. Bids were to have been opened on November 21st.

STREET CLEANING MACHINES—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Bids for three street cleaning machines have been submitted to the City Council and were taken under advisement. The bids of Edward R. Bacon and Parrott & Co. of San Francisco were taken under advisement.

MUNICIPAL BATH HOUSE COMPLETION—Cost not stated. San Rafael, Marin Co., Cal. Architect, Thomas O'Connor, San Rafael. Owners, Town of San Rafael. Bids have been received for completing the second floor of the Municipal Baths. The bids of the two lowest men were taken under advisement, these bids being as follows: J. A. Kappenman, \$2,968, and Philip Le Cornec, \$3,172.50.

RESIDENCE—2 story and base, frame, \$4,000. Madera, Madera Co., Cal. Architects, Coates & Traver, Head Bldg., S. F. Owner, A. J. Menasse. The building has been designed to contain seven rooms with bath. Interior will be finished in pine with some elm panels. There will be furnace heat. Brick or tile mantels will be specified. Tile wainscot will be used in the bath. Exterior of the dwelling will be faced with cement plaster. The plans are now being prepared.

SEWER WORK—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans and estimates for the lateral sewers to be laid in the Bay View Park addition have been approved by the City Council. Bids for the \$30,000 sewer system in the Hermann addition will be opened by the Council on November 30th.

Contracts Awarded.

EARTH EMBANKMENT—\$18,000. Martinez, Contra Costa Co., Cal. Contractors, Contra Costa County. Contractors, Delta Dredging Co., Antioch. Contract price, \$18,500.

BUILDING CONTRACTS.

MARIN COUNTY.

FRAME BUILDING
TIBURON, Marin Co. All work one-story and basement frame building. Owner, B. Mantegoni, Tiburon. Architect, J. B. Faggiano. Contractor, B. Faggiano, San Rafael. Filed Nov. 17, '14. Dated Nov. 11, '14.

Frame up
Brown coated
When completed
Usual 35 days.....

TOTAL COST, \$
Bond, none. Limit, 60 days. For none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

SCHOOL
NW COR. TENTH AND BISSEL
Public School Lot, City of Richmond (where Lincoln School now stands). Concrete, brick and iron work, plaster, lathing, plastering, roofing, plumbing in accordance with Blueprints and sewerage and plastering sanitary outing house for Lincoln School.

Owner, Board of Education of Richmond and Richmond School District.

Architect, Stone & Wright, 24 S. California, Stockton.

Contractor, Mathew Morton, Alcatraz Ave., Berkeley.

Filed Nov. 6, '14. Dated Nov. 2, '14.

As work progresses.....
Usual 35 days.....

TOTAL COST, \$
Bond, \$2213.50. Surety, Massachusetts Bonding & Insurance Co. Limit working days. Forfeit, \$2. For specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED ACCEPT
Oct. 29, 1914—LOTS 8 AND 9 BLK City of Richmond. Geo L A Isabel Yager to C Overaa & Peterson.....Oct. 19, 1914.
Oct. 30, 1914—LOT 25 BLK 8, American Map of City of Richmond. H. & Greene to C D Knolly. Oct. 26, 1914.
Nov. 4, 1914—LOT 20 BLK 54, City of Richmond. M J O'Looney Mathew Norton.....Oct. 28, 1914.

LIENS FILED.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Nov. 5, 1914—PTN LOTS 1, 2, 3 BLK 6 Amended Map Richmond No. 1. R G Armistead and R B Doug (Square Deal Hardware Co), \$19. D J Collins and B J Ballantyne (Pacific Electrical Mfg Co), \$84. H Spiersch and E C Spiersch (Spiersch Bros), \$285 vs E F Ro and Laurence H Transue.....
Nov. 6, 1914—PTN LOTS 1, 2, 3 BLK 6, Amended Map Richmond No.

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Sutter 2622

615 Phelan Building, San Francisco

H. Katzman and Frank McCauley
(Richmond Painting Co.) vs E. F.
Hoff and Laurence Transue....\$100
Nov. 11, 1914—PTN LOTS 1, 2, 3 BLK
6, Amended Map of Richmond. H.
Katzman and Frank McCauley (as
Richmond Painting Co.) vs E. F.
Hoff and Laurence Transue....\$100

RELEASE OF LIENS.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Nov. 5, 1914—LOT 12 BLK "J" High-
land Tract, City of Richmond.
Richmond Lumber Co to Horace A.
Church\$116.03

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Nov. 19, 1914—SAN RAFAEL. B.
Rossi to J. B. Faggiano. Nov. 17, 1914
Nov. 11, 1914—MARIN MEADOWS
near Ignacio, Marin Co. California
Fruit Cannery's Ass'n to G. W.
Price Pump & Engine Co. Oct. 27, '14

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

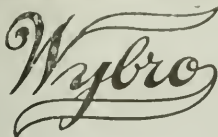
BRIDGES—8 steel or reinforced con-
crete. Cost not stated. Red Bluff, Te-
hama Co., Cal. Engineer, County Sur-
veyor, Red Bluff. Owners, Tehama
County. Bids opened by the Supervi-
sors for the construction of eight con-
crete or steel bridges on the west
side of the State Highway are as fol-
lows:

	8 Concrete	8 Steel
Wm. Stephens	\$28,350	\$27,350
Geo. Const. Co.	25,955	
Falcott & Brunk	27,950	
L. C. Cameron	29,984	27,400
Acific Bridge Co.	24,890	
Ritz & Horn	16,400	
E. Cotton	24,723	
L. W. Moller, S. F.	25,500	23,400

The bids were laid over for considera-
tion. An award will be made at an
early date.

BRIDGE—Steel. Cost not stated.
Red Bluff, Tehama Co., Cal. Engineer,
County Surveyor, Red Bluff. Owners,
Tehama County. County Surveyor
announcing has been instructed by the
supervisors to revise the plans and
specifications for the steel bridge
cross South Fork of Cottonwood
Creek. The revised plans will be sub-
mitted to the Board at the earliest
possible date, when it is thought that
bids will be taken.

BRIDGE—Steel. 5,500. Red Bluff,
Tehama Co., Cal. Engineer, County



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there are no better Panels made than
the WYBRO that is why WYBRO
Panels are great repeaters.

White Brothers

5th and Brannan Streets

San Francisco

Surveyor, Red Bluff. Owners, Tehama
County. Bids opened for the construc-
tion of a steel bridge across Salt
Creek in Road District No. 1 are as
follows:

McCartney & Haskell	\$2,671
R. W. Moller	3,184
Wm. Stephens	3,155
Wolcott & Brunk	3,012

Awarding of the contract was held
over until the next meeting of the
Board.

CHURCH—1 or 2 story and base,
frame. Cost not stated. Dinuba, Tu-
lare Co., Cal. Architect not selected.
Owners, German Congregational
Church of Dinuba. Articles of incor-
poration have been filed with the County
Clerk by the German Congrega-
tional Church of Dinuba. It is said the
new church will occupy a prominent
corner in Dinuba, but the exact loca-
tion has not been decided upon, as
there are two lots being considered.

COURT HOUSE—2 and 4 story and
base. Class A construction. Cost not
stated. Sacramento, Cal. Architect not
selected. Owners, Sacramento County.
By resolution, the Board of Supervisors
accepted the bid of the City of Sacra-
mento for \$16,000 for the purchase of
the northwest corner of the court
house lot, which is to be used as a site
for the new City Hall of Justice.

RESIDENCES—2, 1 story and base,
frame, \$3,000 and \$4,000. Stockton,
San Joaquin Co., Cal. Architect, Ralph
P. Morrell, Odd Fellows Bldg., Stock-
ton. Owners, Totten Bros. and Shep-
herd, 102 Main street, Stockton. These
houses will contain six rooms each.
Interiors will be finished in pine and
redwood with some hardwood veneer.
Hardwood floors will be used in the
principal rooms. There will be open
fire places and tile mantels. Bath
rooms will have tile wainscot. Exter-
iors will be covered with rustic and
cement plaster on metal lath. Plans
are complete and in the hands of the
owners who will do the work by Day
Labor.

SEWER SYSTEM AND GARBAGE
DISPOSAL PLANT—Cost not stated.
Etna, Siskiyou Co., Cal. Engineers,
Haviland & Tibbetts, Alaska Commer-
cial Bldg., S. F. Owners, Town of Etna.
Plans have been completed for a com-
plete sewer system and a garbage dis-
posal plant. Vitrified ironstone pipe
will be used. The garbage disposal
plant will be of reinforced concrete.
Plans and specifications can be secured
from the engineers. Bids are now be-
ing taken and will be opened on No-
vember 9th at 7 p. m.

MARKET BUILDING—1 story and
base, brick. Cost not stated. Sacra-

mento, Cal. Architect, none. Owner,
Grant Block, Sacramento. Grant Block,
who owns the 80 by 150 foot south-
east corner of Seventh and M streets,
is considering plans for the erection
of a free market building similar to
the one in Oakland. If the plans are
carried out, there will be more than
100 booths in the structure, and they
will be grouped about a cold storage
plant.

HIGHWAY CONSTRUCTION—Cost
not stated. California. Engineer,
State Highway Commission, Forum
Bldg., Sacramento. Owners, State of
California. Plans are complete and
figures will be opened on December
11th for the following work: Siskiyou
County, 16.9 miles to be graded, Sut-
ter County, 11.7 miles of Portland ce-
ment concrete, or Angeles County, 11.3
miles to be graded, and Orange County,
5.5 miles of Portland cement concrete.
Plans and specifications can be secured
from the State Highway Commission
at Sacramento.

Contracts Awarded.

STREET PAVING—Cost not stated.
Oak, San Joaquin Co., Cal. Engineer,
City Engineer, Lodi. Owners, City of
Lodi. Contractors, Clark & Henry,
Sacramento. Contract price, grading,
3c per square foot, pavement, 20c per
square foot; curbs, 10c per linear foot,
and gutters, 25c per linear foot.

BUILDING CONTRACTS.

SACRAMENTO COUNTY.

DWELLING
NO. 2122 THIRD, on Lot 150 West
Curtis oaks, Sacramento. Eight-
room dwelling.
Owner Mrs. Ida M. Waterman.
Architect None.
Contractor (E. A. Corum, 2523 First
Ave., Sacramento.
COST, \$2500

FRAME DWELLING
NO. 1121 HAWLEY AVE, on Lot 154,
East Sacramento. One-story five-
room frame dwelling.
Owner Mary N. Koch, 727 L St.
Sacramento
Architect None.
Contractor Carl Koch, 330 Carmo-
Sacramento
COST, \$1000

ADDITION
NO. 218 EYE, 1, 4 and 5th Sts.,
Sacramento. 17x18 addition for
warehouse
Owner Chas. Ho. 18 1/2 E. St., Sac-
ramento
Architect None

Contractor, W. P. Cippa, 314 21st St., Sacramento.

COST, \$600

ALTERATIONS

NO. 1115 SEVENTH, on S 50 ft Lot 1, N. O. 7th and 8th Sts., Sacramento. Remodel tenement house, first story and make 3 rooms.

Owner.....August Ruedy, Premises.

Architect.....None.

Contractor, F. A. Holdener.

COST, \$—

FRAME BUILDING

W ½ LOT 7, N. O. 13th and 14th Sts., Sacramento. Two-story frame building (4 tenements).

Owner.....Mr. and Mrs. Flahive, 2015 1 St., Sacramento.

Architect.....None.

Contractor, Arthur Hollenbeck, 1622 I St., Sacramento.

Filed Nov. 12, '14. Dated Nov. 11, '14.

COST, \$5600

ADDITION

NO. 209 L, on W ¼ Lot 7, K, L, 2nd and 3rd Sts., Sacramento. Two-story brick addition to building.

Owner.....Fannie H. Goddard, 510 10th St., Sacramento.

Architect.....None.

Contractor, Chas. Vanina, 2022 M St., Sacramento.

COST, \$1830

DWELLING AND STORES

BONITA & TWENTY-FOURTH, Lots 1 and 2 Bik "E" Highland Park, Sacramento. Erect dwelling and stores.

Owner.....G. C. and F. L. Youngman, 925 H St., Sacramento.

Architect.....None.

Contractor, O. M. Kilborn, 1421 L St., Sacramento.

COST, \$1500

ALTERATIONS

SE K AND SECOND, Bik "L" 2nd and 3rd Sts., Sacramento. Alterations and additions to first story of Pratt Building.

Owner.....Morris Levy, 212 K St., Sacramento.

Architect.....None.

Contractor, Barton & Hite, Sacramento.

Filed Nov. 12, '14. Dated Nov. 10, '14.

COST, \$1750

ADDITIONS

E ½ OF W ¼ and W ½ of E ½ of Lot 3, J, K, 6th and 7th Sts., Sacramento. Additions to building: new brick wall, remodel interior of first floor and make two stories.

Owner.....Anna E. Peterson, 2912 D St., Sacramento.

Architect.....C. C. Cuff, 620½ 14th St., Sacramento.

Contractor, E. W. Book, 2911 H St., Sacramento.

Filed Nov. 16, '14. Dated Nov. 11, '14.

COST, \$7930

ADDITION

LOT 4, O. P., FRONT AND SECOND Sts., Sacramento. One-story brick addition.

Owner.....S. M. Philips, Front St., Sacramento.

Architect.....None.

Contractor, Murcell & Haley, Ochsner Bldg., Sacramento.

COST, \$2620

DWELLING

NO. 1905 C ST., on E ½ of Lot S, B, C,

19th and 20th Sts., Sacramento. Five-room dwelling.

Owner.....A. Lagarsino, 2000 A St., Sacramento.

Architect.....None.

Contractor, S. Tatti.

COST, \$1500

ADDITION

NO. 311 O ST., on Lot 7, N. O. 3rd and 4th Sts., Sacramento. One-story 4-room frame addition.

Owner.....Rev. Thomas Grace, 12th and K Sts., Sacramento.

Architect.....None.

Contractor, M. F. McKenzie, 1126 T St., Sacramento.

COST, \$550

ALTERATION

NOS. 200-202-204 K ST., on W ½ of N ½ Lot 1, K, L, 2nd and 3rd Sts., Sacramento. Remodel entrance doors and build private office.

Owner.....Kelly & Johnson, 214 K St., Sacramento.

Architect.....None.

Contractor, Gene Pendergast, 1208½ J St., Sacramento.

COST, \$400

BUILDING CONTRACTS.

SAN JOAQUIN COUNTY.

CLASS "A" STORE AND OFFICES

NE WEBER AVE & SAN JOAQUIN St., Stockton. Brick, terra cotta, carpenter, plumbing, electric, painting, plumbing, sheet metal, ornamental iron, marble and tile, fiber-stone base, roofing, mail chute, glass and side walk work for Class "A" store and office building.

Owner.....The Charles Belding Co., 325 E-Weber, Stockton.

Architect.....Stone & Wright, 24 South California St., Stockton.

Contractor, Robert Powell, 945 E-Lindsay, Stockton.

Filed Nov. 13, '14. Dated Oct. 29, '14.

Monthly installments of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$50,655

Bond, \$26,000. Surety, New Amsterdam Casualty Co. Limit, 110 days. Forfeited, \$20 per day. Plans and specifications filed.

COMPLETION NOTICES.

SAN JOAQUIN COUNTY.

RECORDED

Nov. 13, 1914—HIGH SCHOOL LOT, bet. Vine, North, California and San Joaquin Sts., Stockton. Stockton School District to Chirhard & Nystedt.....Nov. 11, 1914

Nov. 13, 1914—HIGH SCHOOL LOT, bet. Vine, California, North and San Joaquin Sts., Stockton. Stockton School District to Chirhard & Nystedt.....Nov. 11, 1914

Nov. 16, 1914—NE WEBER AVE and San Joaquin St., Stockton. Charles Belding Co. to Ralston Iron Works.....Oct. 29, 1914

Nov. 16, 1914—NE WEBER AVE and San Joaquin St., Stockton. Charles Belding Co. to Ralston Iron Works.....Oct. 29, 1914

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San Diego Exposition have been adopted and clerk has been ordered to call for bids. Bids will be received until December 21st at 11 a. m. Plans and specifications, together with full information, may be had from the Clerk of the Supervisors, San Jose.

RESIDENCE—2 story and base brick. Cost not stated. Los Angeles, Cal. Architect, J. Martyn Haenke, Van Nuy Bldg., L. A. Owner, James Greer. The dwelling has been designed for a twelve-room house with four baths, sleeping porches and a garage, and will be erected on Gresham Blvd. Interior will be finished in pine and hardwoods and white enamel. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. Exterior of the dwelling will be faced with pressed brick. Plans are being prepared.

CHURCH—1 story, gallery and base frame and plaster. Cost not stated. Los Angeles, Cal. Architect, Robert L. Orr, Van Nuy Bldg., L. A. Owner, South Park Christian Church. The style of architecture will be modified Lombardic. The building will be 10 by 86 feet, with a basement 68 by 4 feet. The first story will contain a main auditorium 56 by 48 feet, Sunday school room, 34 y 40 feet, primary room 22 by 24 feet, 10 class rooms, parlor, pastor's study and choir room. There will be five large and five small class rooms in the gallery. The basement will contain a banquet room 6 by 46 feet, kitchen, two class rooms and furnace room. The building will be of frame construction with concrete foundation, tapestry brick veneer on the exterior, red tile and composition roofing, pine interior trim and floor art glass windows and interior dome tile mantel, heating system. Plans are nearly complete and the work will be done by subcontract and Day Labor.

CHURCH—1 story and base, brick \$25,000. Riverside, Riverside Co., Cal. Architect, Thomas H. Power, Higgin Bldg., L. A. Owners, Roman Catholic Church. The building has been designed in the classic style and will cover an area of 50 by 150 feet. There will be a main auditorium, Sunday school rooms and study. Interior will be finished in pine and ornamental plaster. A central heating system will be installed. Marble, tile and art glass are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are not being taken for the foundation work. Other contracts will be let shortly.

Contracts, Awarded.

ORNAMENTAL LIGHTING SYSTEM.—17,728. Santa Ana, Orange Co., Cal. Engineer, City Engineer, Santa Ana. Owners, City of Santa Ana. Contractors, F. O. Engstrom Co., Los Angeles. Contract price, \$17,728.

ROAD CONSTRUCTION—\$23,036.2. Santa Ana, Orange Co., Cal. Engineer, County Surveyor, Santa Ana. Owner, Orange County. Contractor, George Wiegand, Santa Ana. Contract price, \$23,036.26.

base, reinforced concrete. Cost not stated. STREET PAVING—\$32,000. Riverside, Riverside Co., Cal. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson Shea Co., L. A. Contract price, \$32,000.

FREIGHT SHED—1 and 2 story and

ated, Los Angeles, Cal. Engineer,

Engineering Department Santa Fe R. R. Co., Kerchoff Bldg., L. A. Owners, Santa Fe Railroad Co. Contractors, William Simpson Co., San Diego. Contract price not stated.

PORTLAND AND OREGON.

POST OFFICE—2 story and base, brick and steel. Cost not stated. The Dalles, Ore. Architect, Supervising Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Bids opened for this work show Geo. Jackson, 1013 Irving street, Portland, Ore., low man. His bid was \$73,978 for sandstone and \$76,000 for limestone. The contract will include the completed structure, including mechanical equipment, interior lighting fixtures and approaches.

ROUND HOUSE—1 story, reinforced concrete, \$140,000. The Dalles, Ore. Engineer, Engineering Department Oregon-Washington Railroad and Navigation Co., Portland. Owners, Oregon-Washington Railroad and Navigation Co. The company will expend about \$140,000 in the construction of a 20-stall roundhouse of concrete construction, with a complete new layout of switching tracks and several small buildings.

SEATTLE AND WASHINGTON.

OIL STORAGE TANKS—Steel construction. Cost not stated. Mare Island and Puget Sound. Engineers, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans have been completed and figures are now being taken for furnishing nine large steel tanks for oil storage purposes. Each tank will have a capacity of 2,100,000 gallons of fuel oil. The tanks will be erected at Mare Island, Puget Sound, the San Diego Coaling Station and at Norfolk. Bids will be opened on December 21st. Plans and specifications can be secured from the Bureau of Yards and Docks.

BRIDGES—Steel and reinforced concrete. Cost not stated. Seattle, Wash. Engineer, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. Plans are now being prepared in the office of City Engineer Dimock and will be completed in early spring. The issue of \$829,500 in bonds made it possible for the bridges to be erected. The structures will be of concrete construction and will be constructed across the Lake Washington Canal.

Contracts Awarded.

WAREHOUSE—9 and 16 story and base, reinforced concrete and steel, \$640,000. Seattle, Wash. Architect, George C. Nimmons, People's Gas Bldg., Chicago. Owners, Sears-Roebuck Co. Contractors, Grant, Smith & Co., Henry Bldg., Seattle. Contract price, \$640,000.

COMMERCIAL LIBRARY IN HANKOW

[Consul General Julean H. Arnold, September 10.]

Space has been set aside in the Hankow consulate general for a commercial library, in which American trade catalogues and other commercial publications will be filed according to the classification used by the Department of Commerce in the World Trade Directory. A catalogue of the American trade publications received in this office will be drawn up at the end of the

year and copies sent to the Importers of Hankow, with invitations to call and make use of the library. American manufacturers and exporters should be careful to send their latest catalogues and to bear in mind that paper pamphlets are far more difficult than cloth bound publications to place on reference shelves.

Trade Catalogues Wanted for Library

The manufacturers and other products that might be advantageously advertised through trade publications in this section of China must be sent in an exhibit along the lines originally planned.

A very large proportion of the specimens, especially the exhibits representing Alberta, have been collected. These include grains and grasses of every description that grow in the west. The north country, with its varied and wonderful animal life, will contribute its quota, while the minerals will come from British Columbia.

A New Irrigation Company.

The California Farm and Irrigation Company is the name of a new Corporation that was formed on October 31st under the Laws of California with its main office in San Francisco and its lands and project at Blythe, California.

The officers of this Corporation are: Hon. A. R. Kanaga, President; M. J. Terranova, Secretary; J. E. Ludy, Manager, and Pierre Zucco, Treasurer. Mr. Kanaga, the President of this Company, is considered among the best informed irrigation men on the Pacific Coast. He is President of the American Irrigation Association which is the National Association of Irrigation and land men. The Vice-Presidents of the American Irrigation Association are the Governors of all the States west of the Missouri River, and it numbers with its Advisory Board some of the most eminent men in all the west.

M. J. Terranova is a member of the firm of Terranova Bros., and is one of the best known plastering contractors in this City, having had large experience in general building and all kind of concrete work.

Pierre Zucco, Esq., is one of the leading consulting engineers, who does big things in the engineering line, and in the rebuilding of San Francisco, Mr. Zucco prepared the drawing for the steel work of many of the most prominent buildings in conjunction with the most prominent architects of San Francisco.

Mr. Zucco was also consulting engineer for the Pacific Gas and Electric Company of this City and assisted in building the concrete dam and reservoir canals, and line work east of Sacramento in the Sierra Nevada Mountains, the cost of which was over eight million dollars, and is the largest thing in its line ever carried out on the Pacific Coast. Sept. 25th—Satisfying report published in Daily Consular and Trade Reports for June 17, 1914.]

No serious disturbance of the trans-oceanic movement of New Zealand's products has resulted from the outbreak of hostilities in Europe. Several steamers of the regular lines were requisitioned for the transportation of troops, but shippers are planning to relieve the situation by bringing forward extra steamers to fill up the gaps.

Imports of trade goods into the United States are not so good as some think the United Kingdom. There is a monthly surplus with New Zealand, but in fact it being a small volume, but the present business conditions and rates have advanced it to a point.

The Union Steamship Co. of New Zealand has monthly sailings between San Francisco and Wellington and between Auckland and Vancouver and some of the best boats have been taken for transport. The oceanic steamship Co. (American line) has a monthly service between Australia and San Francisco by way of Honolulu, but the handling for New Zealand must be transhipped at Sydney. If this line were to call at Auckland, as formerly, American trade in New Zealand would immediately increase.

Share of United States in Import Trade

The following table shows the principal articles purchased by New Zealand in 1912 and 1913 from the United States.

Cement, copper, brass, iron and steel, sheet and plate, wire and netting, paints, oils and varnishes, stone, marble, tin, timber, zinc, advanced sheet, hardware, tools, pipes and piping, oils and nuts.

The agitation against saloons and the liquor traffic has had a result in that the liquor men themselves have taken the initiative in asking for drastic regulations for the sale of intoxicating beverages. The worst evils of the liquor business arise from the greed of the people engaged in the business. Dives and doggeries are maintained and fatten upon the money obtained by crime and from liquor sold to incompetents, drunks, and women. And for these reasons the whole business is classed in the same category and many good people want even to prohibit the use of wines at meals or in one's own household, looking upon wine as something evil in itself. So at last the wine men themselves are coming forward with a request for regulation which is drastic in its nature and will no doubt look to proper regulation of the sale of intoxicants. According to a circular letter published in the daily press they will ask for the following legislation:

County option, except in cities having 5000 or more inhabitants. In licensed territory, not more than one saloon for each 1000 inhabitants, or major fraction thereof, exclusive of table licenses for hotels and restaurants. Separate licenses to sell malt and fermented liquors, as distinguished from distilled liquors. No saloon license shall be issued to an individual, but only to property, the owner of the property under heavy bond to be responsible for the faithful observance of the law. Unlawful for any wine maker, brewer, distiller or wholesaler to have any pecuniary interest in a saloon. Midnight and Sunday closing. Anti-treat law.

Drastic laws concerning the sale of intoxicating liquor to minors, women or to persons in an intoxicated or partially intoxicated condition.

Such limitation and restrictions respecting the granting of licenses in license territory as will forever eliminate dives and doggeries.

When charges are laid before any magistrate alleging a violation of the liquor law, a fine of twelve months to be drawn from the body of the county to try the case and in the event of conviction the license shall be suspended until the defendant shall be re-arrested or bonded and in case of final judgment of conviction.

tion, the license shall be forever revoked and no other license shall be issued in its stead. If these things are secured it will remove most of the evils complained of by those opposed to the sale of liquor.

A process has been invented in Germany for tinning small articles by placing them in a centrifugal machine which is revolved in molten metal.

THIS ISN'T THE FLINTLOCK AGE.

When great grandfather fought in the Revolution, all he needed to do was to get down the old flintlock musket and start for headquarters. As soon as ten thousand men had collected at the headquarters they were ready to start against the enemy, a well trained army.

It would take about two years to build enough field guns to equip properly an army of 1/2 million men which the United States would have to put in the field under modern war conditions against a first class power. Neither an army nor a navy can be made in a day. The old conditions have passed away, and modern fighting has become to a considerable extent an artillery duel between engineers. The elaborate and delicate machinery necessary for successful operations takes years to construct.

Of course the oceans protect this country. They are its chief natural bulwark. So long as the navy is maintained in a state of decent efficiency, and a respectable army is ready to back it up, there will be no war.

The necessary measures for national insurance would not be expensive. Army officers suggest a regular army of only 150,000, enlisted for two years, with provisions for a reserve of men with military training, and for a second line of state militia that really amounts to something.

Such an establishment would be no temptation for a war of aggression. It would be a warning for other nations to keep off—a warning which recent events in Europe has shown to be far from superfluous.—Kansas City Star.

The report of Colonel Goethals states that the Panama canal has cost about 374 million dollars up to date. This is a small item compared to the great cost of the European war. If the vast sums now being spent to murder men and destroy property were expended in some such constructive work as that in which Colonel Goethals has been engaged there could have been enough land reclaimed to have doubled the productive area of the globe. The Frenchman's idea of digging a canal to flood the Sahara desert from the Mediterranean sea could have been carried out. The jungles of the Amazon and Congo could have been conquered and the inaccessible places made inhabitable to man. But all this wealth is being smashed and when the war is over it will take generations to get back to the former position.

President Nicholas Murray Butler of Columbia University comes out with the statement that higher education should be limited to the physically fit. That is hardly a fair proposition as many people who have been denied good physiques and good health have yet good mental capacity. And to deprive them of the advantage of higher

education would be working a hardship not only upon the individuals themselves, but deprive the world of the result of the labor of some of the brightest minds. Physical education and the physical endowment of man have much to do with the growth of the race. But the world progresses by mind development and not by brawn and the chief value of physical development is providing a sound body for the use of the mind.

Time Table.

Oakland, Antioch & Eastern Railroad

LEAVE KEY ROUTE FERRY

Leave Daily except as noted.

8:00A Bay Point, Diablo and Way Stations.

9:00A Sacramento and Pittsburg

Carries Parlor Observation

11:00A Sacramento, Pittsburg, Bay P

11:20A Bay Point and Way Station

1:00P Sacramento, Pittsburg Bay P

1:40P Concord and Way Stations

3:00P Sacramento, Pittsburg, Bay P

4:00P Bay Point and Way Station

4:40P Pittsburg, Sacramento, Ma

ville, Colusa, Orville

Chico, Observation Car

5:15P Concord, Diablo and Way

tions, except Sundays.

6:00P Pittsburg and Way Stations.

8:00P Sacramento, Pittsburg & V



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Express Co., Oakland.

was body and soul against them a daily had a cartoon by Fisher designed to hold the graft prosecution to contempt and ridicule, and dai continued its dirty insinuations and i nuendos until the attempted assassina tion drove it into a hole like a yellow dog. Now it is Heney's champio not perhaps because of the love i purity, or even because it might b popular, but because it may be abe vent Hearst's grudge against Phela and the Wilson administration.

The Exposition is about completed. Exhibits are arriving and the date of the opening will soon be here. Already the itinerary of the President has been given and the details of the opening will soon be made public. Soon the effect of the exposition should be apparent and it should bring money into the city in the not far distant future.

IT IS MR. LONDON'S JOB.

The new Socialist member of Congress, Mr. Meyer London of New York's East Side, says he will introduce a bill in Congress forbidding any workingman to marry any working girl unless she carries a union card. There has been much disposition among New York newspapers to scoff at Mr. London for his freak proposition.

Mr. London is probably enjoying a laugh at his critics' expense. These critics seem to believe that this new entrant into national politics should represent his constituents as they would represent his constituents. Perhaps he himself feels differently about it.

Politics and life would be a good deal duller and grayer than they are if there was one model for everybody.

It would be very dull and gray, indeed, to assume that Meyer London proposes his freak bill seriously—seriously in the ordinary sense. If he thinks that his job is to beat the fustoms for the movement he represents (much as Keir Hardie insisted on wearing his cap in the House of Commons), is it not possible that he knows more about his job than the rest of us who have not got it?—Kansas City Star.

The Examiner is out with a criticism of Governor Johnson for his attitude in Alameda County investigation and as a necessary champion of Francis J. Heney in the premises. Whatever the merits of the controversy may be it is another evidence of the chameleon-like changes of the Hearst papers.

When the graft prosecution was in progress in San Francisco and Heney and his backers were having the hardest kind of a battle, the Examiner

BIDS WANTED BY BOARD OF PUBLIC WORKS.

Fourteen Sets of Bids Will be Opened by Works Board on November 25th.

At the regular meeting of the Board of Public Works, next Wednesday, the Board will open fourteen sets of bids. Thirteen sets of these bids will be for street improvements and one for furnishing instruments for the Fire Alarm Central Station.

The bids to be opened are as follows: Improvement of Dwight street between San Bruno and Berlin; improvement of Filbert street between Baker and Lyon; improvement of Balboa street between 45th and 46th avenues; improvement of Milton street between Springdale and the Southern Pacific Company's right of way; improvement of Lakeview avenue from San Jose avenue to Lee and Summit avenues; improvement of Valley street between Castro and Diamond; improvement of the easterly half of Buena Vista avenue from Java street to Central avenue; improvement of Laidley street between Miguel and Castro; improvement of the westerly side of Larkin street between O'Farrell and Olive; improvement of Ridge Lane between Josiah and Howth; improvement of Howth between Ocean and Geneva avenues; improvement of the crossing at Geary and 39th avenue; improvement of 38th avenue between Balboa and Cabrillo, and for furnishing and delivering various instruments and parts for use in the Fire Alarm Central Station.

TRADE SITUATION ON MEXICAN WEST COAST.

[Vice Consul A. Gordon Brown, Mazatlan, October 10.]

There have been several inquiries by American manufacturing firms as to the prospects for extending American commerce at Mazatlan on account of the war in Europe. This City's business is done by German, Spanish, and French houses. They have been interviewed and I have not found one which intends purchasing to any extent in the United States. This situation will probably change if the war continues long, and purchases may be made in the United States.

A German house here has sent a purchasing agent to Mexico City to replenish its stock, and the owner of the largest French house here says that he will purchase no more stock but sell what he has, the American prices being much higher than those from his own country. Purchases are made in Mexico City on account of the difficulties in exchange.

ONE BATH TUB FOR 200 PEOPLE; ONLY 48 TAKE A PLUNGE.

CHICAGO, Nov. 18.—There are 1,596 persons, making up 357 families, living within one block in one of Chicago's tenement districts, according to a report by investigators of the Bureau of Social Survey.

The investigators found only eight bath tubs in the block—an average of one tub for each 200 persons.

The eight bath tubs are used by only 48 of the tenants. More than one-fourth of the families live in

three room apartments and have only one bedroom.

Wages of the householders were found to average \$12.27 a week and the yearly family income was said to be far below \$12 a week. There were 805 children living in the block.

New San Francisco-South American Service.

The Agencies De Berna, of San Francisco, advises the Bureau of Foreign and Domestic Commerce that it has arranged to send a steamer from that port to South America on December 1. Should this trial voyage prove successful, a regular service southward from San Francisco is contemplated.

SAN FRANCISCO COUNTY.

PLANS APPROVED FOR APARTMENT BUILDING.

Plans have been approved by the Building Department of the Works Board for the six-story Class "C" apartment house for George E. Bennett. The building will be erected on the south side of Eddy street 57½ feet east of Leavenworth and will contain fifty-nine apartments. C. O. Clausen is the architect.

MEETING OF BOARD OF PUBLIC WORKS.

Wednesday, November 18th.

Board awarded contract to State Improvement Company to pave at the intersection of San Jose avenue and Plymouth street. Contract price, \$1500.

Award contract to J. F. Dowling for paving Chestnut street between Laguna and Webster streets. Contract price, \$1600.

Reject bids submitted for the construction of a sewer in Fremont street from Brannan to the Embarcadero.

Accept street work done by Flinn & Treacy on Leese street between Mission and Park; intersection of Park and Leese, and on Leese between Park and Richland.

The Board approved the following plans and specifications:

Plans and specifications for the construction of fire escapes and the vacuum cleaning system in the San Francisco Hospital.

Plans and specifications for the construction of the garage building of the San Francisco Hospital. The Board has requested the Supervisors to adopt ordinance calling for bids on this work. The estimate cost of the building is set at \$75,000.

The Board also approved the plans and specifications for the elevator system control in the Main Group buildings of the San Francisco Hospital and bids will be received until November 25th.

A SUBSTITUTE FOR CEMENT.

In Turkey, where cement is not used or hardly known, a substitute has been found that has met with rather good results when applied in exposed places, in filling crevices in water pipes, covering joints in stone floors, in fountains, and for numerous other purposes where cement would be required. The mixture is as satisfactory in water as in exposed places,

but it must be allowed to become thoroughly dry before it is submerged.

The mixture is slaked lime, linseed oil and cotton fiber. Generally a hollowed-out stone is used, although a flat, hard surface will answer, and the process is started by pouring the oil on a handful of cotton, after which the lime is dusted in. It is then kneaded until the whole is thoroughly mixed and about the consistency of dough. The more it is kneaded the better it becomes.

BURNS MUCH LIME.

Pennsylvania has nearly one-half of the total number of lime producers in the United States, but its production is about 25 per cent of the total quantity and 20 per cent of the total value. Lime burning as an industry is scattered pretty well over the state. In 1912 the production amounted to 849,159 short tons, valued at \$2,679,420; in 1913 it increased to 852,927 tons, valued at \$2,743,197. As an indication of the scattered character of the lime-burning industry, it is stated by the United States Geological Survey that the average value of the lime production per establishment in Pennsylvania in 1913 was about \$5,500.

STEEL PRODUCTION IN 1913.

The total production of all kinds of steel ingots and castings in 1913, according to the American Iron and Steel Institute, whose figures are accepted by the United States Geological Survey, was 31,300,874 long tons, against 31,599,931 long tons in 1912. The production of steel by the electric process in 1913 amounted to 30,180 tons in 1912. In 1908 only 55 tons of electric steel was produced. On December 31, 1913, the number of completed plants which were equipped for the manufacture of steel by the electric process was 19, an increase of 5 over the number a year previous.

AN INTERESTING VIEW OF SKYSCRAPER BUILDINGS.

A powerful plea, urging that the building of skyscrapers should cease, was made at the recent convention in Duluth of the National Association of Building Owners and Managers, by Mr. Wentworth, of Boston, secretary of the National Fire Protective Association. In concluding his remarks the speaker said: "The traffic on the elevators of New York is almost as great as the horizontal traffic. If New York city should have an earthquake—just enough of a shock to break water and gas mains and to snap electric wires—the loss of life would be appalling. Imagine the panic if such a disaster should come with 100,000 persons in the subways, or when occupants of great buildings were attempting to get out. A great conflagration, such as is possible in New York, would bring the same disastrous results as an earthquake, and choke the subways."

Shown together in an automobile museum in London are a steam car built in 1869, a steam tricycle dating from 1881 and a gasoline car invented in 1905.

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Fourteenth Year, No. 48

BUILDING AND INDUSTRIAL NEWS

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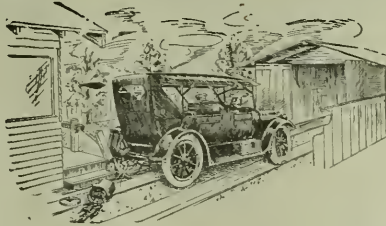
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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Certainly if this country has the necessity of going to war it will have to muzzle the newspapers and establish a censorship for as they now exist they would ruin the country in order to gratify the petty interests of the owners. It is somewhat amusing to read the petty criticisms of the Chronicle and the Examiner upon the administration for the President's policy in Mexico and in regard to the European war. In one they criticize the pusillanimous attitude of the administration in regard to the firing upon the launch of the cruiser Tennessee in Turkish waters and in the news they publish the fact that it was not intended as a hostile act. The Chronicle can not get over the fact that the President sent the fleet down to Tampico and in the end effected the withdrawal of Huerta.

Why these newspapers can not be fair is perhaps the fault of the owners who are incapable of right action. The President is no doubt doing the very best he can for America in these troublous times. And no one who knows anything about him doubts his intelligence. So in order to create whatever dissatisfaction they can these mud slinging journals attack policies that are designed to free us from entangling alliances and foreign wars.

The thing that hurts the Chronicle is that the Huerta government, financed by the special interests, was forced to be abandoned. That the currency bill will put an end to the domination of its masters in the monetary world. And for these reasons these moulders of public opinion are working overtime putting obstacles in the way of the President at a time when he needs the support of all the people or at least intelligent and honest criticism.

The state printshop wants cylinder pressmen to work in Sacramento during the rush season caused by the session of the legislature. There is, of course, nothing either new or unusual in this announcement. It always happens every legislative year. The interesting thing is the process which it is now necessary to go through to get these positions. It used to be that any pressman out of a job who wanted one of these places chased around among his political friends for endorsements and then foisted himself on a member of the legislature, who was expected to foist him on the state printer. Once in the job, the tenure of office depended almost wholly on pull and scarcely anything on work. Now, on the contrary, the announcement is as follows:

"Examination for cylinder pressmen to work in the state printing plant at

Sacramento, December 13. Application blanks may be secured from the state civil service commission. Extra help will be needed during the approaching session of the legislature and applicants will be eligible to appointment to vacancies whenever such occur."

Would anybody have believed five years ago that such an announcement would ever appear in a California newspaper?—Fresno Republican.

It is a strange situation that the Hearst papers and the opponents of the present administration get themselves into. They criticize the President for the war tax, they oppose the income tax, they howl about the American industries going to the demnation hows-wows because the tariff has been reduced, and, like soap box orators they can tell you just exactly what ought to be done. At the same time they point to the fact that Canada and Australia, who are now at war, have raised no war tax.

The fact is that the great part of our revenue is yet derived by indirect means from a tariff on imports. The war has completely shut off this source of income. And as a result the expenses of government must be met by direct taxation. In Canada and Australia the process is different. Their ordinary means of revenue suffice because they do not raise their main revenues by means of a tariff. And the talk about the reduction of the tariff being the cause of the deficit is the merest moonshine as any one who knows enough to sit up knows that if it had not been for the income tax and the reduction of the tariff the amount to be raised would have been that much less.

The consumer always pays the tax, no matter what its nature. Whether we pay it indirectly or directly we pay it and must pay it. The difference is that when we pay it indirectly the people do not distinguish it as in the case of direct taxes. So the question of tariffs is an economic one, pure and simple, and the matter of protection is to determine what manufactures and what industries we are going to protect. We have protected the infant steel industry until it is a brooding-nazian plant. And if we protect one industry why not all and become absolutely self sustaining. Manufacture want protection, sugar men want protection, everybody wants protection, until the whole thing becomes a political grab bag where the one with the largest influence gets the bulk of the government aid. It is a hard question to solve and the extraction of government aid to any of the enterprises is a step toward communism which most of these newspaper editors fear.

City Manager Plan of Municipal Government.

By Paul E. Kressly, City Manager of Inglewood.

An Address Delivered at the 17th Annual Convention of California Municipalities, Held at Hotel Del Monte, October 12-16, 1914.

Mr. Chairman and Gentlemen: It has just been stated by our President that the city manager plan of government is new. So it is, and we are the first to try the city manager plan in this State. I have had about seven months' experience. In writing my paper, I have subdivided it into two parts. First I will discuss the theoretical city manager plan, and then I will give you the practical results, so far as my own experience goes.

Sweeping innovations in American city government seem to have their origin or gain their impetus in the administrative weaknesses which are made evident by floods. Thus the commission plan originated in Galveston in 1901, after the flood of the previous year, and similarly the city-manager plan, already adopted by a few small cities and towns, suddenly came into nationwide prominence when it was accepted as a fundamental modification of the commission plan at Dayton, Ohio, after the floods of 1913.

The commission form of government has spread with surprising rapidity throughout the United States and a peaceful revolution, in over three hundred cities has swept away the boards of aldermen, mayors, and a host of minor officials and has set up new municipal governments on a plan so simple, that the services of the "political boss" are not required to direct them. The whole nation looks on with amazed enthusiasm, while the people in these towns not only get control of their government, but keep it, election after election.

The commission form of government has placed into the hands of the people an effective instrument of control: a governing organization which is continuously exposed to the full glare of public opinion, which really came from the voters, and which was sincerely anxious to obey them. While this form of government is a vast improvement over the form in general use up to seven or eight years ago, there is unquestionably room for still more improvement. In some of the cities it has proved very successful, while in others it has been a complete failure. This must not be regarded as a defeat in the form of government, but rather due to the inefficiency of the members composing the commission. In some of these cities where the commission government has superseded administrations which were not so thoroughly inefficient, and where there was not quite such a broad opportunity for improvement. It is in such cities where the weaknesses of commission government are beginning to appear in a very striking way. Take for example, Wichita, Kansas, where as everywhere else, the commission plan was hailed five years ago as a "business plan" of city government which would settle all the difficulties under which the town has been laboring. Recently the commission in this city has authorized the issue of \$88,000 in five year bonds to cover current deficiencies. After four years of the new rule,

that does not look like good business. A little searching into the local situation reveals certain things which are directly or indirectly responsible for this condition.

One of the members of the commission is an ex-street laborer. This, of course, is an honest calling, but can one be sure that it gives a man quite the preparation for managing one of the departments of a city as important as Wichita? There was doubtless reason for electing him, for the laboring people had an unquestionable right to select one of their own men to represent in a city's governing body. The man in question has a reputation for integrity and honesty, but even commission government has not made him a good business manager.

Here, then, is one trouble with the commission plan which the Wichita incident brought out in a graphic way: It is only by accident that you can secure five men who will be at the same time perfect representatives of a recognized division of the people, and at the same time properly equipped for administrative service.

If these are illustrations of the weakness of the commission form of government, what then, is the substantial and permanent contribution of commission government to the city problem? The one great thing it has done, is to demonstrate beyond a shadow of a doubt the wisdom of giving over to a single elective governing body all the municipal powers. It has given the people a workable instrument, so far as general regulation is concerned, but it has failed to give the governing body the means with which to translate the general will of the people into detailed acts of government in the most effective way. A five-headed government carries with it the possibilities of friction, which leads to inefficiency, which in turn, leads to waste and even corruption. Furthermore we cannot secure municipal experts by the process of popular election.

Commission government in the old sense, then, is a five-headed affair. It is not always intended to be such, but it is so regarded by the average citizen, and so it works out in practice.

The city manager plan does away with this five-headedness of municipal administration and substitutes a single head, not with advisory powers merely, but, with certain safeguards, with the powers of administrative "life and death" through actual control of appointments and removals.

The chief executive or city manager is not an elective officer, but is appointed by the council; he therefore does not divide responsibility with the council, but is subordinate to it; he need not be, at the time of his appointment, a resident of the city, but may be chosen from anywhere in the country; he is not chosen for a definite term, but holds office so long as he gives satisfaction to his superiors.

The controlled-executive plan filters everything through a group. It re-

duces the personal equation. Without loss of administrative unity, it abolishes one-man power.

This plan corresponds to the general manager under the board of directors in a business corporation. It gives the stability of the combined judgment of many men on matters of policy, but leaves execution to a single-headed controlled executive establishment.

A city ought to have one government, not several. Pulling and hauling, deadlocks, friction and delays, trading influence and the need of a boss to hold the ramshackle together and make it progress—all result from two-headed government.

For the highest efficiency we must put the chief administrative official, as well as the subordinate officials of the same sort, on a professional basis, which means simply, that we must leave his selection and his indefinite retention to some person or body that is in a position to examine his work closely and therefore judge of it intelligently, and that we must also take the matter out of politics not by incessantly harping on the desirability of doing so, but by relieving him of all except purely administrative duties. That is not saying, you will notice, or even implying that "the people cannot be trusted to choose" the chief administrator; it is implying merely that they are not in a position to do so to advantage, and that if the official in question is given the veto and other policy-determining functions, neither the people nor anybody else can be expected, no matter how well they realize the advantage of experience in administrative work, to do anything but out him as often as his opinions are not in conformity with those of the majority. We can have the highest efficiency in city government as soon as we are ready to take steps obviously necessary to get it.

Thus the council is the most stable basis for the managership to rest on. Moreover, if the city manager is not to be elected by all the voters, and if he is to be kept in office indefinitely so long as he is satisfactory to those who appoint him, as is required in the interest of efficiency, it is obviously important, in the interest of democracy, to entrust his appointment and his retention to the one body in the government that can be made truly representative of the whole electorate. Then efficiency and democracy, the two fundamental requirements of the ideal city government, from a theoretical point of view, are satisfied by the city manager plan, and accomplish all that its advocates maintain.

Whether this theory works out in practice is a question in which we are all interested, and it is that part of the subject that I will now take up and give you some practical information from my own experience as city manager of Inglewood for the past seven months, having been appointed on March 2nd of this year. Before proceeding further I will read that sec-

of the ordinance which defines my duties and powers as follows:

To see that the laws and ordinances of the city are enforced.

To exercise control over all the departments of the city and direct the work of all appointive officers.

To employ and dismiss all city employees.

To superintend the construction of all public work within the said city.

To approve or disapprove the resolution for the purchase of any articles for the said city by any department or officer, before the purchase is made.

To attend all meetings of the Board of Trustees and to recommend to the Board for adoption such measures as he may deem necessary or expedient.

To keep the Board of Trustees fully advised as to the financial conditions and needs of the city; and

To perform such other duties as may be prescribed by ordinance or resolution of the Board of Trustees; provided, however, that any and all acts of said city manager under this ordinance, shall be subject to the approval or control of the Board of Trustees of the City of Inglewood, and they shall have full power to correct and take any action taken by him under this ordinance whenever they shall deem it proper to do so; and provided, further, that the Legal Department of said city and City Attorney are hereby expressly excepted from the operation of this ordinance.

The duties and powers being thus defined, now arose the question—What are to be followed to insure the success of my administration?

My plan of selection I outlined was based by two ideals—efficiency and economy. These were the basis upon which the superstructure of my organization was erected.

I determined that the requisites of employees should be efficiency, economy and loyalty. That all employees who possessed these qualifications should be retained regardless of their political faith.

With the requisites thus set forth, I proceeded to formulate plans and analyze the problems that confronted me to find the best way, not by judgment alone, but by careful, thorough, painstaking investigations of all details of the various departments, thereby familiarizing myself in a general way with their work and which would enable me to at once detect any inefficiency and correct the same by setting up tentative standards of performance, by better methods of performance, by inducing them to attain these standards, or equipping them with a clear, complete and exact knowledge of the best and most expeditious way of doing the work with the least possible expenditure of material, capital and labor.

In all public work we are confronted with an idea that is grounded in the minds of most men that they are not required to do as much work as for a private corporation; that they need not have any particular interest in their work; that working hours need not be observed; that they can be absent from work, and at the same time receive wages; that they can waste materials and supplies, because the city pays for them. They labor under the text of the old political saying, "to

the victor belongs the spoils," and are therefore justly entitled to be given employment irrespective of the quality or quantity of the work performed, or of their value and worth to their employers, or interest taken in the business affairs of the city.

On account of having served as city engineer for several years, I was familiar in a general way with the weaknesses of the various departments, and was therefore in a position to devise measures which would eliminate these ideas and practices, by requiring all employees to strictly observe office hours, to get permission before leaving their regular duties, that no supplies, materials, machinery, tools, etc., could be purchased without an order signed by the City Manager, and by requiring all employees to fill out daily time cards, showing the number of hours worked, together with a description of such work and the correctness thereof verified by the J. K. of the head of the department, and turned in daily to the City Clerk. These rules are strictly enforced and it is impressed upon the minds of all employees that their indefinite retention in office depends solely upon the efficiency and skill with which their work is performed.

Formerly there was a great deal of waste in the purchasing of supplies, due to a lack of a proper system. Employees would purchase supplies regardless of cost, and have it charged to the city, and when the bills were presented, frequently no one remembered the purchase. This was a very inefficient method and gave the City Clerk no opportunity to check the amounts and charge them to the proper account. Furthermore, supplies and materials were purchased whether they were needed or not, and the various departments continued incurring expenses by purchasing supplies, machinery, etc., until the city treasury was drained.

This condition was controlled by the adoption of a budget, thereby limiting the expenditures of all departments within the actual revenues of the city, and requiring departments to submit at the end of every month a detailed report which enables me to closely follow the activities of all departments. An accounting system was installed which provides balance sheets of all accounts, thus enabling the City Clerk to furnish me with a complete report of all departments at any time. In the departments where it was practical a unit cost system was installed for the purpose of comparison, and fixing standard methods of performance.

I wish to call your attention to another important change I introduced in the matter of handling complaints. Formerly, when a citizen objected to some thing done by a city officer, he would go to one of the trustees and complain, frequently with the injunction that his name was not to be mentioned; then the trustee would bring the matter up at a board meeting, and the official, not knowing who made the charge, would be in a very bad position when it came to defending himself. I made a ruling that all complaints of any nature must be made in writing, containing the signature of the complainant, so that the employee will have full knowledge of all details of the charges and can therefore de-

fend himself properly. This rule has reduced the number of complaints to a minimum, and it makes the employees feel that they are receiving a square deal and causes them to take a greater interest in their work than if they are continually subjected to unjust criticism.

In order to develop harmony and departmental co-operation, I have arranged for regular conferences to be held with the heads of the various departments, where all important matters are considered and the progress and activities of each department are discussed and planned.

These conferences have aroused the interest and enthusiasm of every employee, and today there is not one but what is striving to place the business affairs of our city on a higher plane and to give you an idea of our success, I will read the percentage of reduction in the expenditures of the various departments under the city manager plan for the past six months compared with the expenditures for the same period during the past three years, as follows:

Printing and supplies, a saving of 24%.

City hall maintenance, a saving of 44%.

Fire department, a saving of 29%.

Police department, a saving of 21%.

Street cleaning, a saving of 37%.

Recorder's department, a saving of 30%.

Street maintenance and repairs, a saving of 28%.

The revenues of the city have been increased considerably by enforcing ordinances and by greater vigilance with peddlers, etc.

Some of the most important being:

Peddling licenses, an increase of 12%.

Dog licenses, an increase of 72%.

Fines for speeding, an increase of 35%.

Receipts from renting out road machinery have averaged \$50 per month.

The building, plumbing and electrical inspector formerly received all fees collected. I have placed this official on a salary and the receipts of this department now add a substantial amount to the revenue of the city.

A question frequently asked is, whether local public work can be constructed as cheaply and efficiently by city government as by private corporations.

In my opinion this question depends in no small measure upon the form of municipal government and its operation in practice. Where it is the chief object of the city administration to find berths for labor that has passed its zenith of usefulness in other fields, or when the men are not trained for the positions they are filling, then the city government cannot compete with the private corporation, but when the chief object of the administration is to employ only trained, able-bodied men, who can perform a day's work and give the city a dollar's worth of work for every dollar they receive in wages, then the city can compete with private corporations and should by proper management do the work cheaper.

That this theory is correct can best be demonstrated by relating the experience of our own city. The heavy frost spring caused the washing out of a culvert and a twenty-two foot span of one of our main thoroughfares. To replace the same required 2,400 cubic

yards of fill, average haul 300 feet, 115 lineal feet of 60 inch diameter No. 12 gauge galvanized corrugated iron pipe, 16 cubic yards of concrete, 110 lineal feet of curb, and 165 square feet of gutter. The lowest bid received from the contractors for executing the work was \$1,712.00. Bids were rejected and I proceeded to construct the work in question with the city's force at a cost of \$1,395.60, thereby saving the city \$316.40, plus the wages of an inspector, besides giving employment to residents of the city.

With the city manager plan of municipal government many things are possible, because he can keep operating departments running in harmony, cutting out waste of time and effort. The various city departments can be made to assist each other in numerous ways. Take, for instance, the street superintendent and city engineer, where heretofore these two departments were distinctly separate, they are now consolidated into one. So that the engineer who designs the work can also supervise the construction of the same and appoint his own inspectors. The result is better work in every respect, and the engineer can see that his designs are properly executed. This procedure is especially effective in small cities where the salary of the street superintendent is usually not sufficient to obtain the services of a competent man, who is qualified to supervise the construction of new improvements, but sufficiently qualified to supervise the cleaning, maintenance and repairs of streets, etc., under the direction of the engineering department.

Thus far I have discussed in a general way the methods and systems designed for the efficient and economical administration of the city's business and the success resulting therefrom, but I have failed to discuss that part of our government which is weak in certain respects, although it is not within the power of the board of trustees to correct the same at this time. This apparent weakness is that the city clerk is elected instead of being appointed by the city manager, although we are fortunate in having an ideal city clerk at the present time, but what will be the result, when his term expires and the voters should elect an incompetent man for this important position? The city clerk is an official who should be appointed by the city manager, so that if he is a competent man he can be retained in office; if, on the other hand, he is elected by the people, he may work in harmony with the city manager or not, as he may see fit. He cannot be removed by the board of trustees or the city manager, and without his co-operation the city manager cannot succeed. It is an office that requires intelligence, care and clear judgment and should be in the hands of a competent man. But we cannot expect to attract the services of a man qualified in every respect, without paying a substantial salary. I consider it false economy to sacrifice efficiency for the sake of saving a few dollars in salary. When men develop efficiency the cities can well afford to pay them, and in the end it will prove a profitable investment. This applies to the employees in every department.

I have frequently been asked the question: From what profession or

calling shall this important position of city manager be filled? My answer would be, that it should be a civil engineer, preferably with municipal experience, and should also possess the additional qualifications of an economist, a financier and have executive ability. And in answering in this manner I felt that I was fully justified in favoring the members of my profession because they are recognized as an important factor in municipal administration. How important the city manager appeared in the minds of officials and citizens of Dayton, Ohio, and how determined they were to have an engineer of high standing and how willing they were to pay for his services, have all been given wide publicity by securing the services of Henry M. Waite, then city engineer of Cincinnati, to fill this position at no paltry compensation. What other profession has men who are better qualified as municipal experts than the engineering profession? Are not the members of the engineering profession, in the course of their education, field work and research work peculiarly qualified for executive duty, developed by their training and experience?

Engineering is perhaps as much a matter of common sense as of education, and the engineer to succeed must have both. Therefore a capacity to get at the facts in any case, supplemented by good judgment, are predominating traits, characterizing this profession more prominently as essentials than is the case with any other profession or calling.

Before dismissing this subject, I cannot refrain from touching upon another point not mentioned, and that is, whether those American cities which have progressed as far as the city manager plan, have yet got far enough away from past traditions and practices to keep any one city manager long enough in office to give either him or the plan a fair test.

In conclusion I wish to express the hope that some of the cities who have adopted the city manager plan of municipal government will give it a fair trial and I feel certain that they will have the phenomenal success attained by our private corporations which operate under this form of organization.

Editor's Note in Pacific Municipalities.—Inglewood, a small city near Los Angeles, was the first municipality in California to inaugurate the "City Manager" form of government. The system was adopted in Inglewood by ordinance on March 2nd, 1914, with Mr. Kressly as manager. That the plan has proved a success is demonstrated by the fact that during the past seven months Inglewood has accomplished more work and achieved better results at a saving of about thirty per cent (30%) in cost. Here is something for other cities to think about.

WILL PLAY BASEBALL GAME.

Architects and Contractors to Meet on the Diamond for Benefit Christmas Jinks.

On Sunday, December 6th, a match game of baseball between picked nines from the members of the San Francisco Architectural Club on one side

and the General Contractors' Association and the Builders' Exchange the other, will be held at St. Ignace Field, Grove and Shrader streets, commencing at 10 o'clock a. m.

The names of the men composing the opposing teams will not be made public until a few days before the match.

The Architectural Club members have had this stunt slated for a long time and have been secretly hearing their team, so it behooves the Contractors team to look to their laurels.

The tickets are only 15 cents. High attendance is expected.

WALTER E. LUCAS LAID TO REST.

The funeral ceremonies of the late Walter E. Lucas was held yesterday from the Masonic Temple in this city.

Mr. Lucas was a familiar figure on the floor of the Builders' Exchange ever since the Exchange was organized. As the pioneer dealer in Plaster of Paris in San Francisco Mr. Lucas enjoyed the reputation of honesty in square dealing that any man should be proud of.

His illness was of very brief duration.

WILL PREPARE ESTIMATES.

The Board of Public Works has instructed the Superintendent of Streets to prepare estimates on the cost of construction of Antonio street, between Ellis and O'Farrell streets, Ringgold street, between 8th and 9th.

CORRECTED LIST OF FIGURES.

In reporting the list of bidders furnishing and erecting the structural steel for the new Ferry Post Office a typographical error made the bid the Golden Gate Iron Works read \$924 instead of \$18,924.

The low bid was put in by Pacific Rolling Mills at \$18,395.

SAN FRANCISCO ARCHITECTURAL CLUB.

Notice of Business Meeting.

December 2, 1914 at 8:15 P. M. No. 1000. Meeting of Officers. Announcement regarding Xmas Jinks and Ball Game. Other important business.

ALBERT R. WILLIAM
Secretary, S. F. A. C.

THREE HOUSES FROM ONE TREE.

The Canyon Lumber Co., Ever Wash., recently received at its plant a single fir tree (in four sections) which is enough lumber to build three small five-room bungalows, or two one-half bungalows of the average size. The big tree was shipped to Robe, near where the Johnson-D Lumber Co. took it from the woods and was loaded on four cars.

FEES COLLECTED FOR BUILDING PERMITS.

During the month of October the Bureau of Building Inspection of the Board of Public Works collected \$99.80 on building permits. For the same month there were 613 permits issued.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, story and base, reinforced concrete, \$45,000. Architect, A. J. Laib, Russ Bldg. S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and has been designed to contain a large number of two and three room suites with private baths and wall beds. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are now being taken.

SEATTLE, WASH.—Apartment house, 5 or 6 story and base. Class A construction. Cost not stated. Architects, J. L. Pitman, associated with W. M. Somervell, White Bldg., Seattle. Owners, J. L. Pitman and associates. The building will be erected at the southwest corner of Harrison and Federal streets on property covering a large ground area. Details of the building have not been worked out, but Mr. Pitman assures us that the building will be one of Seattle's largest and most modern apartment houses. Construction will be fireproof. Further mention will be made of the work.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$26,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, J. D. Isaacs. Contractor, Charles Wright, 25 Stockton street, S. F. Contract price, \$26,000.

BANKS

HERMOSA BEACH, LOS ANGELES CO., CAL.—Bank, 2 story and base, brick and steel, \$30,000. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, First Bank of Hermosa Beach. The building will be erected at the corner of Pier and Hermosa avenues, and will cover a ground area of 56 by 95 feet. The design is in the classic style. The main floor will contain the banking rooms, several stores and offices for the Pacific Electric Railways. Interior finish will be of pine and hardwood with some ornamental plaster in the banking room. Special coin and safe deposit vaults will be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BONDS

RICHMOND, CONTRA COSTA CO., CAL.—The Playground Commission has filed a recommendation with the City Council of Richmond for an expenditure of \$3,200 for the installation of exercising apparatus on the Washington and Stege school grounds and a bond issue of \$150,000 for the

purchase of six sites for municipal playgrounds.

COLTON, SAN BERNARDINO CO., CAL.—With a vote of 411 in their favor, the proposed bond issue of \$80,000 carried. The proceeds of the election will be used in the construction of a new grammar school building. No architect has been selected to design plans for the building, which will be constructed on the site of the present Lincoln school building.

SUSANVILLE, LASSEN CO., CAL.—By small majorities the proposed \$50,000 municipal water system bond issue and \$10,000 street improvement issue were defeated.

The municipal water system issue was defeated by a vote of 126 to 162. The issue for the improvements of streets lost by a vote of 141 in favor of the issue and 144 against.

WINTERS, YOLO CO., CAL.—After taking citizens into their confidence at a public meeting, the Winters School Trustees have decided to call a special bond election on December 19th for the purpose of voting bonds of \$50,000 to build and equip a modern high school building.

Architect W. H. Weeks of San Francisco has been engaged to prepare the plans and superintend the construction.

CARUTHERS UNION HIGH SCHOOL DISTRICT, FRESNO CO., CAL.—A bond election will be held in the Caruthers School District on December 18th for the purpose of voting bonds in the sum of \$30,000 for the erection of a new high school building.

C. V. Phelps, H. R. Lindsay, A. W. Johnson, T. L. LaRue and J. C. Gallagher are the trustees of Caruthers School District.

SAN FRANCISCO, CAL.—The Railroad Commission has granted the Southern Pacific Company the right to issue bonds in the sum of \$1,426,000 for the purchase of additional equipment.

The proceeds will be used in the purchase of 30 locomotives, 30 steel passenger cars and 30 steel electric motor cars for suburban traffic.

WINTERS JOINT UNION HIGH SCHOOL, SOLANO CO., CAL.—The Board of Trustees of the high school district have decided to hold an election December 26th, at which will be submitted to the voters a proposition to bond the district for the sum of \$30,000.

Proceeds of the sale will be used in the construction of a new high school building for the district. The Trustees are Wm. Baker, John E. Griffin, C. M. Cooper, A. Brinck and F. W. Wilson.

VACAVILLE, SOLANO CO., CAL.—An ordinance fixing December 15th as the date for the holding of a bond election for the voting of bonds in the sum of \$30,000 has been passed.

The money will be used in street improvements.

MONTAGUE, SISKIYOU CO., CAL.—The \$12,000 Montague Union High

school bonds have been sold to the Whittier & Co. of San Francisco.

PORTLAND, ORE.—Bids for the erection of the proposed interstate bridge to be built between Portland, Ore., and Vancouver, Wash., will probably be authorized at an early date. Bonds in the sum of \$250,000 have been disposed of by Multnomah and Clatsop counties and nothing remains to hinder the work.

Encouraged by the recent sale, the bridge commission has decided to place on sale the balance of the bonds, which amounts to \$1,000,000.

HOOD RIVER, ORE.—The question of voting bonds in January is now under consideration by the county officials. The bonds voted will be used in the construction of good roads.

PRESIDENT, ARIZ.—Architects have submitted plans for the proposed court house, but as no money is available from the sale of bonds, no plans have been accepted.

PORTLAND, ORE.—It is thought that the County Commissioners will recommend a bond issue of approximately \$1,000,000 for the purpose of placing a hard-surface pavement on the Columbia Highway.

BAILEY, IDAHO.—The question of voting bonds in the sum of \$55,000 for the purchase of a water system was defeated at an election held in this city recently.

LEWISTON, MONT.—Final returns show that bond issues of \$40,000 each for constructing high school and dormitory buildings here were defeated.

SEATTLE, WASH.—All bids for the bonds of \$400,000 for the Port of Seattle improvements recently held have been rejected by the Commission.

New bids will be received until December 15th.

BRIDGES, DAMS AND HARBOR WORK.

MARTINEZ, CONTRA COSTA CO., CAL.—Wharf and channel work. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Work on a ferry system to handle all freight and traffic between Martinez and San Francisco will be started within ninety days, the contracts for the work having been let. The contracts awarded to the Western Reclamation Co. for the dredging of a canal 2,000 feet long and 120 feet in width, which will lead up to a wharf which will be 200 feet in length with a bulkhead of 500 feet, giving in all wharfage facilities of 700 feet at the company's holdings at the foot of Tenth street. The second contract was granted to the Pacific Construction Co. for the erection of wharves at a total cost price of \$1,500.

MARTINEZ, CONTRA COSTA CO., CAL.—Bridges and concrete. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bonds owned by the Board of Supervisors for the building of three bridges on the first section of the

State Highway from Pimole to San Pablo Bay, show Karl M. Nelson of Martinez low at \$7,807 for all three structures. Following is a complete list of bidders and their bids:

Karl M. Nelson—\$3,016, \$3,098; \$1,692; total, \$7,807.

R. W. Moller—\$3,543, \$4,044, \$1,984; total, \$9,571.

Ralph L. Gorrill—\$3,390, \$4,150, \$2,460; total, \$10,000.

F. P. Moore—\$4,265, \$3,785, \$2,389; total, \$10,444.

Pacific Coast Construction Co.—\$3,846, \$4,244, \$2,691; total, \$10,781.

M. M. Concancon Co.—\$3,923, \$4,495, \$2,717; total, \$11,140.

G. H. Fields—\$3,114, \$3,564, \$2,146; total, \$8,824.

D. McDonald, one bid only, across Garrity Plat, \$3,750.

Henry Layaz, \$3,361, \$3,970, \$2,616; total, \$9,982.

J. C. Rogers—\$5,457, \$5,758, \$2,916; total, \$14,173.

Blake Bros.—\$4,100, \$4,400, \$2,700; total, \$11,200.

FRESNO, FRESNO CO., CAL.—Bridge, reinforced concrete and timber. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Board of Supervisors for the bridge over Kings River. Bids are now being taken and will be opened on December 8th. Plans and specifications can be secured from the County Clerk at Fresno.

PORTLAND, ORE.—Bridge, steel and reinforced concrete, \$1,750,000. Engineers, Howard & Harrington, Portland. Owners, Multnomah and Clarke Counties. Bids for the proposed interstate bridge to be built between Portland and Vancouver, Wash., will probably be authorized at an early date. Bonds in the sum of \$250,000 have been disposed of by Multnomah and Clarke Counties. According to Commissioner Lightner, the commission will ask for bids on units of the work, instead of a general contract. E. E. Howard, associated with Mr. Harrington, is due to arrive in Portland shortly with the completed plans of the bridge. The structure will cost about \$1,750,000.

SEATTLE, WASH.—Bridge, steel leaf bascule type, \$450,000. Engineer, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. The structure will have a span of 400 feet, with two approaches, 1,800 feet and 1,200 feet, respectively, and will be 40 feet wide, providing for two electric car line tracks, two roadways and two 6-foot sidewalks. It is planned to let the work in three contracts, one for the approaches, one for the two concrete piers and the other for the steel span and lift. It will take about one and one-half years to complete the work. Bids for the work will be called on the approval of the plans by the Department of Works.

RICHMOND, CONTRA COSTA CO., CAL.—Wharf, reinforced concrete and steel, \$260,000. Engineers, Haviland & Tibbetts, Alaska Commercial Bldg., S. F. Owners, City of Richmond. The wharf will be 700 feet long and 150 feet wide and will be carried on concrete piles. There will be a steel shed besides railroad tracks and loading machinery. Plans are complete and figures are being taken. Bids will be opened on December 28th. Plans and

specifications can be secured from the engineers.

RED BLUFF, TEHAMA CO., CAL.—Bridges, timber construction. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans prepared by the County Surveyor for the construction of two wood bent bridges on the Tehama Cemetery Road have been adopted by the Supervisors and bids for their construction will be taken until December 9th. Plans together with full information may be had from the County Surveyor at Red Bluff.

MODESTO, STANISLAUS CO., CAL.—Bridges and syphon, concrete construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans have been completed and approved for the construction of three bridges and one syphon. The bridges will be erected over Main Canal of the Turlock Irrigation District, over Lateral No. 2 of the Turlock Irrigation District and over Dry Creek about one mile southeast of Montpelier. The syphon will be erected on the Keyes Road. Bids will be opened by the Board of Supervisors on December 15th. Plans and specifications can be secured from the County Surveyor at Modesto.

Contracts Awarded.

RED BLUFF, TEHAMA CO., CAL.—Bridge, steel and concrete, \$2,674. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Contractors, C. E. McCartney and F. Haskell, Red Bluff. Contract price, \$2,674.

CHURCHES.

SEATTLE, WASH.—Church, 1 and 2 story and base, concrete and brick, \$55,000. Architect, W. S. Bell, associated with H. O. Shuey, Hoge Bldg., Seattle. Owners, University Place Christian Church of Seattle. The building will be erected at the corner of East 15th street and 50th avenue, and has been designed in two units, only one of which will be erected at this time. The first unit will contain the main auditorium and will seat 1,200 people. The second unit, which is to be erected later, will contain the Sunday school rooms, study and social hall. Interior finish will be of pine and ornamental plaster. A steam heating system will be installed. Exterior of the building will be faced with pressed brick. Plans for the first unit are nearly complete and figures will be called for shortly.

OXNARD, VENTURA CO., CAL.—Church, 1 story and base, frame and brick. Cost not stated. Architects, L. B. and A. L. Valk, Stimson Bldg., L. A. Owners, Methodist Episcopal Church. The building will cover an area of 65 by 95 feet and will contain sixteen class rooms besides the main auditorium and study. Interior will be finished in pine and ornamental plaster. A central heating system will be installed. White asbestos roof will be used. Exterior of the building will be covered with cement plaster. Plans are complete and have been turned over to Rev. Oliver Taylor, Pastor, who is now taking figures on the work.

Contracts Awarded.

OAKLAND, CAL.—Church, 1 story, frame and brick, \$17,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, Trinity Lutheran

Church. Contractor, F. Bauma 2000 45 avenue, Oakland. Contract price, \$17,000.

COURT HOUSES.

FRESNO, FRESNO CO., CAL.—Court house grounds, walks, etc. Cost not stated. Architect, none. Own Fresno County. Plans for beautifying the Court House grounds and constructing cement walks have been completed and are now out for figures. Bids will be opened on December 15th. Plans and specifications can be secured from the County Clerk at Fresno.

FACTORIES AND WAREHOUSES.

SEATTLE, WASH.—Warehouse, 2 story and base, reinforced concrete, \$150,000. Engineer, Chief Engineer, West, Port of Seattle Commission. Owners, City of Seattle. Bids on work will be called for early in December. Construction will be of concrete and hollow tile. Separate contracts to be let in this project include the cement for the above building, 121x172 feet, 1 story frame storage building, plans for which will be ready next month, a 40x121 frame ice storage house of 5,000 ton capacity. This building will be 12 feet high. The project also calls for a compressor and ice plant building, part of which will be two-story fireproof construction, 100x108 feet, costing about \$15,000. The ice storage and fish storage buildings may be in one contract at a cost of about \$100,000. The above figures do not include the cost of machinery, which will be the entire cost of the project close to \$400,000. Mr. West reports that specifications for grain elevator machinery will be ready sometime next week.

OAKLAND, CAL.—Warehouse, 2 story and base, reinforced concrete. Cost not stated. Architect, Industrial Engineering Co., represented by Architect Maritzen, 100 Masonic avenue, S. F., and Truss Concrete Steel Sharon Bldg., S. F. Owners, Bel Van and Storage Co. Both of the firms are preparing plans for the warehouse building to be erected the southwest corner of 22nd and Pablo avenue, Oakland. Other than the fact that the building will be fireproof construction, no details can be given at this time. Further men will be made of the work.

Contracts Awarded.

SAN FRANCISCO—Bakery, 2 story and base, brick and steel, \$40,000. Architect, none. Owners, People's Bakery Co. Contractor, Charles W. Gompie, 503 Market street, S. F. Contract price, \$40,000. Note: The contractor now taking subfigures on the building and structural steel.

FIREHOUSES AND JAILS

RICHMOND, CONTRA COSTA CO., CAL.—Fire house, 1 story and base, brick. Cost not stated. Architect, none. Owners, City of Richmond. Through a misunderstanding in call for bids on the fire house building to be erected at 19th and Barlow all bids were returned to their drawers, unopened. New bids will be called for the work. The building will be of brick construction and will be known as Fire House No. 3.

SACRAMENTO, CAL.—Fire house

addition, \$5,000. Architect's name not given. Owners, Oak Park Addition to Sacramento. The preparation of plans for additions to the Oak Park Fire Station, under which better sleeping accommodations will be provided for the men, as suggested in a recent recommendation of the Oak Park Business Men's Association, has been ordered by the City Commission. Additions to the building will cost about \$8,000.

OAKLAND, CAL.—Detention home, 2 story and base, reinforced concrete, \$25,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Alameda County. The building will be erected at the corner of 18th and Poplar streets. The building will contain offices, dormitories and dining hall. Separate dining rooms will be provided for the girls and boys. Interior will be finished in pine and redwood. There will be steam heat, oil burning equipment and a hot water system. Some cell work will be required. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architect, W. W. Rednall, 2500 Filbert street, S. F. Owner, W. W. Rednall, 2500 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker and will cover a ground area of 25 by 56 feet. There will be two modern flats of six rooms each. Interiors will be finished in pine, redwood and elm with hardwood floors in the lying rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and floors. Tile and marble wainscot will be used in the entrance vestibules. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owner, Joseph Block, 2214 Devisadero. The building will be erected on Devisadero north of Clay street. There will be two modern flats of five and six rooms. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

GOVERNMENT WORK & SUPPLIES

Canal Requisitions.

The purchasing officer of the Panama Canal will soon issue a call for bids for furnishing the following supplies and material: 1,200 feet single leather belting, waterproof; 800 feet double leather belting, waterproof; 486 hand scrub brushes; 1,300 cable clips; 955 panes, double strength, window glass; 3,000 pounds square flax packing; 45 reams sandpaper; 2,000 pounds metal polish; 75 large chamols skins; 5,000 pounds fresh water laundry soap;

12 carpenter's squares; 12 no-tail tapes, in leather cases, 100 feet; 72 steel tapes, in leather cases, 50 feet; 250 standard black turn buckles; 1,050 pounds cut washers; 6,500 spring lock washers; 3,000 pounds lampblack; 800 gallons black paint; 1,500 pounds chrome yellow, in oil; 500 gallons Japan drier; 1,000 pounds ship's felt; 200 pounds concentrated lye; 300 gallons lard oil; 3,000 gallons boiled linseed oil; 200 gallons railway rubbing varnish; 10,000 sheets white Bristol board; 1,500 reams typewriter paper, second sheets, 8x10 1/2 inches; 5,000 light corn brooms, 900 heavy corn brooms; 1,500 pounds sheet copper; 6 grindstones, without frame; 12 grindstones, mounted, complete; 2,850 brass grommets; 150 ring life preservers; 1,100 boiler tubes; 3 bars rolled copper; 350 black malleable iron bushings; 250 rough brass bushings; 200 brass clean-outs; 75 brass hose compression bibbs; 200 brass plain compression bibbs; 750 galvanized malleable iron couplings; 200 galvanized reducing couplings; 300 galvanized malleable iron street ell; 100 flush ell; 31 black malleable iron flanges; 50 brass tees; 50 galvanized reducing tees.

A quantity of structural steel, approximately 357,000 pounds, consisting of plate girders and accessories for Berm crane track at the Balboa coaling plant.

1 cast steel bull wheel for derrick barge No. 2.

The following parts required in modifying the existing Berm cranes to fit them for use in coaling plant operations:

16 bushings; 5,000 feet plov steel hoisting cable, 9-16 inch, 6 strands, 19 wires; 8,000 feet plov steel hoisting cable, 3/4-inch, 6 strands, 19 wires; 16,000 feet plov steel hoisting cable, 3/4-inch, 6 strands, 19 wires; 4 hoist steel casting drums; 4 hold steel casting drums; 4 cast iron trolley drums; 12 steel casting gears.

The following steel forgings: 8 friction clutch levers; 8 jaw clutch levers; 6 pinions.

2,000 sheets steel plates; 50 sheets checkered steel plates; 1,125 bars soft steel; 150 steel angle bars; 60,000 feet B. M. lumber flooring.

Pearl Harbor, H. T., Locomotives.

The following bids were received by the chief of the Bureau of Yards and Docks, Navy Department, Washington, D. C., for furnishing one switching locomotive for delivery at the U. S. Naval Station, Pearl Harbor, H. T.:

Item 1, price for locomotive, complete; 2, on bidder's specifications.

Baldwin Locomotive Works, 500 North Broad street, Philadelphia, Pa., item 1, \$4,350.

The Davenport Locomotive Works, Davenport, Ia., item 2, \$5,050.

The H. K. Porter Co., Union Bank Building, Pittsburgh, Pa., item 1, \$3,965.

The Lima Locomotive Works, Lima, Ohio, item 2, \$4,600.

The American Locomotive Co., 30 Church street, New York City, item 2, \$4,450.

The Vulcan Iron Works, Wilkes-Barre, Pa., item 2, \$3,515 and \$4,070.

Las Animas, Colo., Water Heater.

The following bids were received by the chief of the Bureau of Yards and Docks, Navy Department, Washington,

D. C., for furnishing a filtering feed water heater at the naval hospital, Las Animas, Colo.:

Item 1, work complete, a feed water heater complete, 10 h. capacity, Las Animas, Colo.; 2, add to item 1 for erection and operation of filtering heater; 1, work complete with such modifications as bidders may desire.

Warren, Webster & Co., Point and Pearl streets, Camden, N. J., item 2, \$535, 3, \$10 per day, plus all necessary living expenses.

E. G. T. Colles Co., 37 West Van Buren street, Chicago, Ill., item 2, \$650 3, \$150.

Industrial Heating and Engineering Co., 143 Onocida street, Milwaukee, Wis., item 1, \$1,430.

The Harrison Safety Boiler Works, 17th street and Allegheny avenue, Philadelphia, Pa., item 2, \$509, 3, \$150.

Wood Stave Pipe.

The Secretary of the Interior has authorized the reclamation service to execute contract with the Pacific Tank and Pipe Co., of Portland, Ore., for the construction of about 3,000 linear feet of wood stave pipe in connection with the Sunnyside Irrigation project, Washington. The contract price is \$7,263.

Honolulu, H. T., Water Tower, Tank, Etc.

The contract for the construction of a concrete water tower, tank, etc., at the U. S. Quarantine Station, Honolulu, H. T., has been awarded to the Lord-Young Engineering Company, Honolulu, H. T., at \$2,800. Time, January 27.

The Dalles, Ore., Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, including plumbing, heating apparatus, gas piping electric conduits and wiring, interior lighting fixtures, and approaches, of the U. S. post office at The Dalles, Ore.:

Bid 1, Sound Construction & Engineering Co., Seattle, Wash.

2, Fred A. Erlson, Salem, Ore.

3, Welch Brothers & Hamaman, Grass Valley, Cal.

4, Pearson Construction Co., Seattle, Wash.

5, George Isaacson, Portland, Ore.

6, Palmberg & Maltson, Astoria, Ore.

7, R. E. Campbell, Salt Lake City, Utah.

8, John Almeter, Portland, Ore.

9, John Almeter, Portland, Ore.

10, George W. Stiles Construction Co., Rookery Building, Chicago, Ill.

11, J. L. Murphy & Sons, Tacoma, Wash.

12, H. E. Doering, Portland, Ore.

13, S. W. Kutsche, Portland, Ore.

1, Using limestone for all stonework except where granite is required—Bid 1, \$42,034 2, \$55,321; 3, \$50,694 4, \$85,500; 5, \$76,000; 6, \$87,990; 7, \$79,468; 8, \$78,415; 9, \$52,613; 10, \$82,989.98; 11, \$81,394; 12, \$80,160.

2, Using sandstone for all stonework except where granite is required—Bid 1, \$42,660 2, \$76,800 3, \$79,679 4, \$87,320; 5, \$73,988; 6, \$80,880; 7, \$79,468; 8, \$76,915; 9, \$81,611; 10, \$81,937.45; 11, \$80,794; 12, \$81,248.

3, Using a local stone for all stonework, except where granite is required—Bid 1, \$42,784; 2, \$95,359; 3, \$80,200; 4, \$52,930; 5, \$57,990; 7, \$80,500; 11, \$51,218; 12, \$50,960.

For alternate No. 1 (fireproof second floor, first-story partitions, furring, etc., marble and iron stairs, terrazzo and marble finish in corridor as specified), add—Bid 1, \$5,250; 2, \$6,215; 3, \$4,537; 4, \$4,000; 5, \$4,900; 6, \$5,200; 7, \$4,000; 8, \$3,373; 9, \$3,600; 10, \$6,275; 11, \$1,870; 12, \$1,290.

For alternate No. 2 (plate glass in lieu of pressed pattern and sheet glass above the basement, as specified), add—Bid 1, \$570; 2, \$360; 3, \$250; 4, \$350; 5, \$320; 6, \$500; 7, \$385; 8, \$330; 9, \$400; 10, \$550; 11, \$680; 12, \$350.

For alternate No. 3 (painting and sheeting of remaining plaster surfaces throughout the building, as specified), add—Bid 1, \$1,200; 2, \$1,123; 3, \$600; 4, \$870; 5, \$450; 6, \$800; 7, \$1,320; 8, \$500; 9, \$1,750; 10, \$750; 11, \$450; 12, \$400.

Amount included in the proposal for furnishing and installing of all interior lighting fixtures—Bid 2, \$750; 3, \$820; 4, \$800; 5, \$750; 6, \$900; 7, \$610; 10, \$650; 11, \$650.

Puget Sound, Wharf and Shed.

The contract for constructing wharf and wharf shed of the navel torpedo station, Puget Sound, Wash., has been awarded to Fleines & Dahl, of 5646 4th avenue southwest, Seattle, Wash., for \$6,289.

San Francisco, Cal., Cases.

The contract for installing 16 parcels post package cases in the U. S. post office and courthouse, San Francisco, Cal., has been awarded to J. C. Klemm, at \$1,557.10.

Pocatello, Idaho, Post Office.

In the construction of the U. S. post office at Pocatello, Idaho, damper regulators, manufactured by the Standard Regulating Company will be used in lieu of those previously approved.

Los Angeles, Cal., Painting.

The contract for painting plastering in the U. S. post office and courthouse at Los Angeles, Cal., has been awarded to Fairfax Bros., Co., Geneva, N. Y., at \$3,837.

U. S. S. Independence.

The contract for the purchase of the U. S. S. Independence, now stationed at the Mare Island navy yard, has been awarded to John H. Rinder, San Francisco, Cal., at \$3,515.

Denver, Colo., Post Office.

In the installation of mechanical equipment in the U. S. post office at Denver, Colo., for which Chris Irving Plumbing and Heating Company, Denver, Colo., has the contract, fixtures and materials manufactured by the following firms will be used: Multi-blade fans and air washers, New York Blower Co.; circulating pumps for air washers, Swaby Mfg. Co.

Honolulu, H. T., Repairs.

The contract for repairs to gutters and conductor pipes at the U. S. custom house, Honolulu, H. T., has been awarded to E. W. Quinn, at \$141.

SAN FRANCISCO—Rostrum, concrete construction. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Plans for an ornamental concrete rostrum, which is to be constructed in the National Cemetery at the Presidio of San Francisco, have been completed and are

now out for figures. Bids will be opened on December 8th at 11 a. m. Plans and specifications can be secured from the office of the Constructing Quartermaster. An official proposal appears in another column of this issue.

FOUR HUACHUCA, ARIZ. — Quartermaster, etc., 1 and 2 story, frame and reinforced concrete. Cost not stated. Architect, Constructing Quartermaster, Fort Huachuca. Owners, United States Government. Some twenty-three new buildings are to be erected at Fort Huachuca, and plans for this work have recently been completed by Capt. E. T. Walton and are now out for figures. Included in the buildings will be several new barracks, officers' quarters, store houses, guard house and stables. Construction will be of frame and reinforced concrete. Heating, ventilation, modern plumbing and electric work are included in the general construction. Plans and specifications can be secured from Capt. E. T. Walton, Constructing Quartermaster, at Fort Huachuca. A deposit of \$10 is required on plans and specifications. Bids will be opened on December 23rd.

Contracts Awarded.

SAN FRANCISCO—Wharf repairs, timber construction, \$1,149. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Thomson Bridge Co., S. F. Contract price, \$1,149.

HALLS AND SOCIETY BUILDINGS.

TACOMA, WASH.—Lodge hall and stores, 4 story and base, reinforced concrete, \$160,000. Architects, C. Frere Champney, Henry Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will have a frontage of 75 feet and a depth of 112 feet. A large assembly hall and auditorium will be features of the lodge rooms. The ground floor of the building will be used for stores. Interior will be finished in pine and hardwood with hardwood floors in the auditorium and assembly hall. Plans provide for steam heat, vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster or pressed brick. Figures are being taken on both propositions.

SACRAMENTO, CAL.—Lodge hall, 5 story and base. Class A construction, \$400,000. Architect, A. R. Herold, Forum Bldg., Sacramento. The building will be erected at the northwest corner of 12th and J streets, and will cover a large ground area. The first floor will be given over to stores. Upper floors will be arranged for quarters of nineteen Masonic Lodges. Interior finish will be of pine and hardwoods with special decorations in ornamental plaster, art glass and tapestries. There will be a complete steel walls, faced with pressed brick, stone and terra cotta. A loan of \$200,000 has been raised and construction will be started on approval of the plans.

PORTLAND, ORE.—Market building, 2 story and base, reinforced concrete, \$100,000. Architect's name not given. Owners, Frye-Bruhn Co., South Seattle. The building will cover an area of 50 by 100 feet. Construction will probably be of reinforced concrete. Plans for the building will be prepared under the direct supervision of

Mr. Frye in the company's offices in Seattle. It is expected that plans for the building will be completed in about thirty days, when bids on the work will be called for.

Contracts Awarded.

EUGENE, ORE.—Armory, 2 story and base, concrete and brick, \$37,333. Architects, Hundicker & Preusse, Eugene. Owners, State of Oregon. Contractor, C. Van Patten, Salem, Ore. Contract price, \$37,333.

HOSPITALS.

SAN FRANCISCO—Hospital elevator control. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for changing the elevator control in the main group of buildings at the San Francisco Hospital show the Spencer Elevator Co. low at \$2,250. The only other bid received was from the Otis Elevator Co. at \$4,145.

HOTELS.

BERKELEY, ALAMEDA CO., CAL.—Hotel alterations and additions, 3 story and base, brick, \$5,000. Architect, James W. Placheck, Acheson Bldg., Berkeley. Owner, A. A. Fink. The present three story building located on Center street near Shattuck will undergo alterations. Included in the work will be new interior finish, plumbing, plastering and electric work. Plans are complete and figures are now being taken.

Contracts Awarded.

SAN FRANCISCO—Hotel and stores, 6 story and base. Class C construction, \$60,000. Architect, none. Owner, O. A. Craemer. Contractor, William Koenig, 750 Parnassus avenue, S. F. Contract price, \$60,000.

LIBRARIES.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architect, L. M. Turton, Napa. Owners, Vacaville Library Trustees. Plans have been completed and are now out for figures for this building. The building has been designed in the classic style and will contain one large reading room, stack room and office of the librarian. Plans provide for a warm air system of heating. There will be metal book stacks. Interior will be finished in pine with maple floors. Some ornamental iron is specified. Exterior of the building will be faced with cement plaster. Bids will be opened on December 1st. Plans and specifications can be secured from the architect.

PANAMA-PACIFIC EXPOSITION WORK.

Contracts Awarded.

SAN FRANCISCO—Army booth, frame construction, \$638. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Lange & Bergstrom, S. F. Contract price, \$638.

SAN FRANCISCO—Exhibit building, 1 and 2 story, frame and plaster, \$18,900. Architect's name not given. Owners, Norwegian-American Auxiliary to the Panama-Pacific International Ex-

position, 340 Sansome street, S. F. Contractor, M. Marcussen, Royal Insurance Bldg., S. F. Contract price, \$18,900.

POST OFFICES.

LA JUNTA, COLO.—Post office, 2 story and base, semi-fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Venderoth, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to the west for figures. The building will cover a ground area of approximately 4,700 square feet. Construction will be of steel, stone and brick with terra cotta facing. Interior will be finished in pine and hardwoods. Tile floors and a slate roof will be used. Plans provided for steam heat. Bids will be opened on January 4th. Plans and specifications can be secured from either the Custodian of the site at La Junta or from the office of the Supervising Architect. An official proposal appears in another column of this issue.

SAN FRANCISCO—Post office structural steel. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Harbor Commissioners for furnishing the structural steel for the new Ferry Post Office show the Pacific Rolling Mills low at \$18,395. They will probably be awarded the contract. A complete list of the figures opened will be found under the heading of San Francisco in this issue.

MEDFORD, ORE.—Post office, 2 story and base, semi-fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Venderoth, Washington, D. C. Owners, United States Government. Latest reports state that the Sound Construction and Engineering Co., Lowman Bldg., Seattle, are the low bidders on the proposed post office to be erected at Medford, Ore. The building will be three stories in height with a full basement, and will be of semi-fireproof construction, exterior being finished with stone. The building will cover an area of 90 by 58 feet.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Power plant, 1 story and base, reinforced concrete and steel, \$10,800. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for the construction of the Central Power Station to be erected in the Civic Center show T. W. McClenahan low at \$10,800. He will probably be awarded the contract. A complete list of the figures opened will be found under the heading of San Francisco in this issue.

STIRLING CITY, BUTTE CO., CAL.—Lumber road. Cost not stated. Engineer, none. Owners, Diamond Match Lumber Co., Stirling City. The Diamond Match Lumber Company will again resume minor operations by starting on the new standard gauge railroad which leads north from Stirling City toward Butte Meadows. The road will tap many thousand acres of the Diamond Match Company's best timber.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 1 story and base, frame, \$2,500 each. Architect, none. Owner, H. H. McElhath, 482 12th avenue, S. F. These houses will be erected on the south side of Anza street west of 53rd avenue and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward G. Bolles, 660 Market street, S. F. Owner, S. A. Horn, 660 Market street. The dwelling will be erected on Lot E in Sea Cliff Park, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood with some white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owner, Emil Nelson, 244 Divisadero, S. F. These two houses have been designed for six room dwellings, and will be erected on the east side of 18th avenue south of Balboa. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living rooms and dining rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame and plaster, \$15,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, William H. Orrick. The dwelling will be erected at the southeast corner of College avenue and Forest street and has been designed for a twelve-room house with three baths, sleeping porch and private garage. Interior will be finished in pine, redwood and hardwoods. Bed rooms will be finished in white enamel. Hardwood floors will be used throughout the main floor. There will be a warm air system of heating and open fire places. Mantels will be of tile and brick. Tile wainscot and floors will be used in the bath rooms. Automatic water heaters will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, 4,100. Architect, none. Owner, F. S. Loring, 1414 14th street, Oakland. The dwelling has been designed for a six-room house, and will be erected on 14th street avenue west of Turk street. Interior will be finished in pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath room will have tile wainscot and floor. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Residences, 2, 1 story and base, frame, 4,200 each. Owners, H. H. Hill, 3214 4th avenue, and E. Gravel, 3015 T street. These two houses have been designed for five room dwellings with bath. Interiors will be finished in pine and redwood. Some oak floors will be used. Each living room will have a tile mantel and open fire place. Exteriors will be covered with cement plaster on metal lath. Plans are in the hands of the owner, and the work will be done by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,500. Architect, none. Owner, Albert Matteson, 3212 Folsom street, S. F. The dwelling will be erected on the west side of Newton street north of Morse, and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be a large open fire place in the living room. Mantel will be of brick. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$3,000 each. Architects, Elite Planners, 1814 5th avenue, Oakland. Owner, Charles A. McAnn, 2525 Piedmont avenue. These two houses have been designed for seven-room dwellings, and will be erected at the corner of Regent and Stuart streets. Interiors will be finished in pine and hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception halls. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will be finished in tile. Exteriors of the houses will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$3,500. Architect, Olin S. Crane, 2011 Telegraph avenue, Berkeley. Owner, Frederick Townsend, 1414 14th avenue, Berkeley. Plans for this dwelling have been designed for a seven-room house with bath and sleeping porch, and will be covered with Contra Plank north of Lee Avenue. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors

will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$3,500. Architect, none. Owner, E. B. Spittler, 815 Oxford street, Berkeley. The house will be erected at the southeast corner of Shattuck avenue and Eunice and will contain seven rooms and bath. Interior will be finished in pine and redwood with some white enamel in the bed rooms. There will be hardwood floors and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

DINUBA, TULARE CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Bowen & Davis Fresno. Owner, Mrs. Charles B. Driver. The dwelling has been designed for a ten-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

SELMA, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architects, Bowen & Davis, Fresno. Owner, R. L. Watkins. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors and hardwood veneer will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architects, Bowen & Davis, Fresno. Owner, W. C. Wiles. The dwelling will be erected in the Porter Tract and has been designed for a seven-room house with two baths and sleeping porch. Interior finish will be of pine and blue gum with white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architects, Elite Planners, 1844 5th ave-

nue, Oakland. Owners, Guerrero Realty Co., 2165 Mission street, S. F. These houses will be erected at the southeast corner of 9th avenue and O street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be open fire places in each living room. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do work by Day Labor.

Contracts Awarded.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architects, Mead & Requa, 33 F street, San Diego. Owner, Mrs. V. Knudson. Contractor, Charles H. Richmond, 105 Henne Bldg., L. A. Contract price, \$20,000.

SCHOOLS.

OROVILLE, BUTTE CO., CAL.—School fire escapes. Cost not stated. Architect, none. Owners, Town of Oroville. The Board of Education has decided to have plans prepared immediately for equipping the grammar school with fire escapes. The action was taken a protest lodged by the Grand Jury against the failure of the Board of Education to so equip the building.

PORTLAND, ORE.—School, 2 story and base, frame or hollow tile, \$55,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. The building will be of hollow tile or frame construction and will have a cement exterior finish. A steam heating plant will be installed. Plans provide for a number of class rooms, play rooms, auditorium and offices for teachers. Plans will be completed in about two months.

LOS ANGELES, CAL.—School, 1 story and base, hollow tile construction, \$85,000. Architect, Robert M. Taylor, Marsh-Strong Bldg., L. A. Owners, Cienega School District. The sketches which were adopted by the board provide for a one-story and basement building to contain eight class rooms, auditorium, kindergarten, sloyd and domestic science departments, etc. It will be of interlocking tile construction with plastered exterior and tile roofing. Working plans for the building will be prepared as soon as bonds are sold.

STORES

SEWERS, STREET WORK & WATER SYSTEMS.

CASTELLA, SHASTA CO., CAL.—Road work, \$45,000. Engineer's name not given. Owners, Trinity Asbestos Mining Co., Castella. The Trinity Asbestos Mining Company will start men at work at one building a road from the asbestos mines over the line in Trinity County to Castella, the nearest railroad point. The road will be twenty miles long and will cost \$45,000. The surveys made years ago are available.

REEDLEY, FRESNO CO., CAL.—Pump pit and machinery. Cost not stated. Engineer, City Engineer, Reedley. Owners, City of Reedley. Bids for the construction of a pump pit of con-

crete, 6x6x36 feet in size, the construction of a concrete building not less than 22x43 feet in size, with corrugated metal roof, and the installation of a pump and gas engine, have been submitted to the Trustees as follows:

Sampson Iron Works, Stockton, pit, 337; building, \$1,067; machinery, \$6,238; total \$7,642.

G. H. Blowers, pit, \$377.70; building, \$1,024.10; machinery, \$6,376.05; total, \$7,773.85.

Doak Gas Engine Co., Fresno, pit, 606; total, \$8,076.
\$410; building, \$1,060; machinery, \$6,606; total, \$8,076.

Power Equipment Co., San Francisco, pit, \$1,200; building \$1,350; machinery, \$6,500; total, \$8,750.

California Hydraulic Engineering Co., Dinuba, pit, \$600; building, \$250; machinery, \$7,395 total, \$8,845.

Boast & Stay, Reedley, pit, \$412.50.

C. E. Schroeder, Reedley, building, \$760.

All bids were referred to the City Engineer for report.

RIVERSIDE, RIVERSIDE CO., CAL.—Ornamental lighting system. Cost not stated. Engineer, City Engineer, Riverside. Owners, City of Riverside. Bids for the construction of an ornamental lighting system on Lime street, between First and Eighth, will be received by the City Council until December 15th.

HOLTVILLE, IMPERIAL CO., CAL.—Outfall sewer. Cost not stated. Engineer, City Engineer, Holtville. Owners, City of Holtville. Bids opened for the construction of an outfall sewer in the Voorman Tract show Doyle Bros. low at \$11,545, and Watson & Spicer next at \$11,935. Both bids were taken under advisement.

SEATTLE, WASH.—Pipe line, etc., \$220,000. Engineer, City Engineer, Seattle. Owners, City of Seattle. An ordinance for making a survey for the construction of a pipe line from Cedar River to West Seattle has been recommended to the city of Seattle by the City Utilities Committee. The ordinance provides not only for a pipe line survey, but for a survey of Swan Lake for use as a reservoir. The pipe line has been estimated as costing about \$220,000; \$58,000 from Cedar River to Swan Lake and \$162,000 from Swan Lake to West Seattle. It is not proposed to convert Swan Lake into a reservoir at this time.

VANCOUVER, B. C.—Sewer work, \$325,000. Engineers name not given. Owners, Vancouver and District Joint Sewerage and Drainage Board. The Vancouver and District Joint Sewerage and Drainage Board has authorized their engineer to proceed at once with the plans for the proposed Clark trunk sewer. It is the intention of the Board to start work as soon as possible on this portion of the proposed sewerage system, which will cost about \$325,000. The Board will consider the advisability of doing the work by Day Labor.

Contracts Awarded.

HOLTVILLE, IMPERIAL CO., CAL.—Lateral sewers. Cost not stated. Engineer, City Engineer, Holtville. Owners, City of Holtville. Contractors, McLean & Walsh, Holtville. Contract price, \$21,242.55.

SAN FRANCISCO—Street paving. Cost not stated. Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco.

Contractor, G. W. Gill, S. F. Contract price, \$23,000.

STORES AND OFFICES.

SAN FRANCISCO—Lofts, 2 story and base, reinforced concrete, \$15,000. Architect, none. Owner, May B. Angus, represented by Mr. Holden, 524 Crocker Bldg., S. F. The building will be erected on the south side of Jackson street east of Front, and will have a frontage of 30 feet by a depth of 60 feet. Interior finish will be of pine and redwood with some marble wainscot. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by Mr. Holden.

SAN FRANCISCO—Stores, 1 story and base, brick and steel, \$15,000. Architect, John J. Foley, 16 Kearny street, S. F. Owner, Mr. Tamony. The building will be erected at the southwest corner of Howard and Ninth streets, covering an area of 100 by 110 feet. The corner will be occupied by a saloon. There will be nine stores in all. Interiors will be finished in pine and redwood. Patent store fronts and plate glass windows will be installed. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and in the hands of the owner who is now taking sub-figures on all parts of the work.

SAN FRANCISCO—Market building, 1 story and base, frame, \$9,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Eisenbach Co., 408 Flatiron Bldg., S. F. The building will be erected on the east side of Hyde street north of Washington. There will be a number of modern market stalls, including a meat market, green grocery, tea, coffee and spice stall and bakery. Interior will be finished in pine and white enamel. A tile floor will be used. Patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who are now taking figures on the work.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Street paving, \$24,326. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, A. B. Munson & Son, Stockton. Contract price, \$24,326.

SEALED PROPOSALS.

PROPOSALS FOR ELECTRICAL SUPPLIES.

ELECTRICAL SUPPLIES—Office of the Quartermaster, Fort Bayard, N. M. Sealed proposals will be received here until 3 p. m., December 10, 1914, for furnishing miscellaneous quantity of electrical supplies, including 3 choke coils, 2 lightning arresters, 1 watt hour meter, 3 lightning arresters, 1 water weigher, 1 steam gauge, 1 pump, 1 transformer, 3 standard wrenches, 1 pipe wrenches, 1 pier, 3 screwdrivers, 6 files and 9 twist drills. For further information address C. F. ELLEFSON, second lieutenant, 7th cavalry, acting quartermaster.

NOTICE TO CONTRACTORS.

OFFICE OF THE PRESIDENT OF THE BOARD OF TRUSTEES—Sealed bids will be received by George H. Sharpe, Secretary of the Board of Library Trustees, Vanville, California, at 11 o'clock a. m., December 1, 1914, for the erection of a library building, including the hot air heating plant and the book shelves and stacks, according to

plans and specifications on file at the home of George H. Sharpe, Secretary of the Board, Vanville, and at the office of L. M. Turton, Architect, Napa, California.

All bids must be accompanied by a certified check from a responsible bank made payable to Ralph Clark, President of the Board of Trustees, for an amount not less than 5 per cent of the amount of bid.

The Board of Trustees reserves the right to reject any and all bids. By order of the Board of Trustees, GEORGE H. SHARPE, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CANAL CIRCULAR 879—Proposals for Structural Steel Work, Soft Steel Bars, Steel angles, Steel Plates, Bushings, Steel and Iron Castings, Steel Forgings, Cast Steel Bull Wheel, Steel Cable, Boiler Tubes, Miscellaneous Pipe, Fittings, Cleanouts, Bibbs, Elbs, Sheet Copper, Soft Rolled Copper, Grommets, Wheelbarrows, Corn Brooms, Life Preservers, Grindstone and Plothing—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m., December 7, 1914, at which time they will be opened in public for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 879) may be obtained from this office or the office of the assistant purchasing agent, 1085 North Point street, San Francisco, Cal.; also from the U. S. engineer officer in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR Q. M. SUPPLIES.

SAN FRANCISCO SCHEDULE NO. 113—Sealed proposals will be received here until 10 a. m., December 2, 1914, for furnishing under schedule 113 423 brass cleanouts, 16 range boilers, 172 brass cleanouts, 20 water closets, 48 compression cocks, 20 enameled lavatories, 410 feet brass pipe, 41 feet lead pipe, 2,005 feet cast iron pipe, 1 gross brass screws, 2 urinals, 16 galvanized sinks, 8 copper sinks, 138 bell traps, 66 cast iron traps, 16 bath tubs, 21 brass unions and 1 angle iron valve. For further information address W. H. HART, lieutenant colonel, quartermaster corps, depot quartermaster.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, at 9:00 A. M., Tuesday, December 1, 1914, for Construction of Telephone Pay Stations in Horticulture, Education, Food Products, California, Agriculture, Liberal Arts, Transportation, and Industries, Mines and Machinery Building, in accordance with plans and specifications on file in the office of the Director of Works.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco. Any other information may be had from the Chief of Construction, Room 211, Service Building. (*)

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Great Falls, Mont., until 2 o'clock p. m., December 8, 1914, for the construction of a portion of the Flahunk Reservoir Supply Canal, involving about 65,000 cubic yards of excavation, 1,600 cubic yards of concrete, the placing of about 245,000 pounds of reinforcing steel and the placing in wooden structures of

about 2,600 H. M. of lumber. The work is situated on the south side of the Sun River, in Lewis and Clark County, Montana, about 50 miles northeast of Gilman, the terminus of the Sun River branch of the Great Northern Railway. For particulars address the U. S. Reclamation Service, Washington, D. C. Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, St. Ignatus, Mont., until 3 o'clock p. m., December 15, 1914, for the construction of about 38 miles of canals and laterals, involving the excavation of about 166,000 cubic yards of material. The work is situated on the east side of the Flathead River, 25 miles southwest of Folsom, Mont., and 2 miles west of Roman, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C. Great Falls, Mont., or St. Ignatus, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR STEEL TANKS.

STEEL TANKS—Sealed proposals, indorsed "Proposals for Fuel Oil Tanks," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., December 12, 1914, and then and there publicly opened for nine 2,100, 000 gallon steel fuel-oil storage tanks at the navy yards, Puget Sound, Wash., Mare Island, Cal. and Norfolk, Va., and naval coal depots, San Diego, Cal. and Melville, R. I. Plans and specifications on application to the bureau. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, St. Ignatus, Mont., until 3 o'clock p. m., December 15, 1914, for the construction of about 38 miles of canals and laterals, involving the excavation of about 166,000 cubic yards of material. The work is situated on the east side of the Flathead River about 15 miles southwest of Folsom, Mont., and 9 miles west of Roman, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C. Great Falls, Mont., or St. Ignatus, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m., December 8, 1914, for the construction of a portion of the Flahunk Reservoir Supply Canal, involving about 65,000 cubic yards of excavation, 1,600 cubic yards of concrete, the placing of about 245,000 pounds of reinforcing steel and the placing in wooden structures of about 25,000 feet B. M. of lumber. The work is situated on the south side of the Sun River, in Lewis and Clark County, Montana, about 50 miles northwest of Gilman, the terminus of the Sun River branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C. Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

INVITATION FOR PROPOSALS.

TREASURY DEPARTMENT—Surveying Architects' office, Washington, D. C. November 2, 1914. SEALED PROPOSALS will be opened at this office at Room P, 415, for the construction of a building, including mechanical equipment, interior lighting fixtures, and appurtenances at the United States Post Office at Santa Fe, Colorado. The building is two stories and basement, with a ground area of approximately 1,100 square feet, stone, stucco, and terra cotta facing tile

roof, first floor only of fireproof construction. Drawings and specifications may be obtained from the Custodian of site at La Junta, Colorado, or at this office. In the discretion of the Supervising Architect. O. WENDE-ROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., November 23, 1914.—SEATED PROPOSALS, in triplicate, for constructing a Rostrum for National Cemetery, Presidio of San Francisco, Cal., will be received here until 11:00 A. M., December 8th, 1914, and then opened. Plans, specifications, blank forms, etc., can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Proposal to be enclosed in sealed envelopes and addressed GEO. McK. WILLIAMSON, Lt. Col., Q. M. C. (*)

PROPOSALS FOR BRIDGES.

BRIDGES—U. S. Engineer Office, Portland, Ore.—Sealed proposals for eight steel swing bridges for Dalles-Celilo Canal will be received here until 11 o'clock a. m. December 7, 1914, and then publicly opened. Information on application. JAY J. MORROW, major engineers.

PREVENTABLE FIRES.

By the National Board of Fire Underwriters.

Three fires from three different causes, all preventable, were recently outlined in the one issue of a morning paper.

A young lady in Oakland stepped on an explosive match. It blazed up, caught her skirt, and burned her to death before aid could come. A careless smoker threw a match into a waste paper basket, but the fire was fortunately extinguished before any damage was done. A woman was cleaning gloves with gasoline too close to a flame. The fumes ignited, and before her husband could rescue her, both had been severely burned.

In several states laws have been enacted doing away with the old poisonous and explosive match. It has caused infinite loss and suffering. Babies have died from chewing the poisonous tip; and hundreds of lives and millions of property have been destroyed by it. Instances have been known where such matches lying in boxes on grocers' shelves, have become ignited by friction caused through shifting about, just in the ordinary course of daily trade. In storerooms the same thing has happened. No doubt many fires commonly attributed to spontaneous combustion, have arisen from just this cause.

Laws against the manufacture and sale of such matches have already been enacted in several states, and should be generally adopted. Only those matches should be permitted to be sold and used that strike only on a prepared surface, or ignite on the point and not on the side of the head. These cannot be ignited by side friction or by a careless step. They are safety matches, and none other should be used or sold.

A little knowledge and forethought would teach anyone that the fumes of gasoline are highly inflammable, and are given off so rapidly that a small room is easily filled with them. Fire will then cause on a larger scale the same explosion that gives power to the gasoline engine. Many lives are lost through a lack of appreciation or

thought regarding this simple scientific fact.

The storage of gasoline in groceries and general stores at every cross-road's corner has increased this hazard very materially. Within the last ten years, on account of the rapid increase of automobiles, gasoline has been placed on sale in large quantities by merchants who previously handled practically none. Hence the necessity of strict laws and ordinances governing its storage and sale, and the instruction of the people as to its proper use. It is not so much the gasoline itself that should be guarded as the fumes rising from it. So long as the gasoline is in closed metal containers, it is practically harmless. Only when the container is open and the fumes are permitted to spread, is there any serious danger. As these fumes are heavier than air, they naturally sink to the floor, and thus become more dangerous than if they rose into the upper air of the room, beyond the reach of flames. This fact accounts for the many accidents and fires in cleaning establishments and other places where a great deal of gasoline is used.

For the careless smoker who throws cigarette stubs and matches into waste paper baskets and other combustibles, there is no lesson except that of harsh rebuke or punishment. No other teaching would make any impression on him. A large number of our fires are caused by just such careless acts. That a destructive blaze did not result from this man's act was due to the vigilance of others and not to his own care.

INCORPORATIONS

Invented Building Products Co., construction Co. To construct buildings, pavements, etc. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$250. Place of business, San Francisco. Directors—J. Cruza, S. Fasser, L. Johnson, J. Cerda, F. Zichosch, 50 shares each.

Spring-Hub Automobile Wheel Company. To deal in certain rights and patents. Capital Stock, \$200,000; 200,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—E. Kher, C. Westermann and W. I. Kearney, 1 share each.

Costello-Lang Company. To handle auto vehicles, tires and tubes. Capital Stock, \$150,000; 150,000 shares at \$1 each; amount subscribed, \$25. Place of business, San Francisco. Directors—J. P. Costello, A. J. Lang, W. W. Jones, J. L. Read and W. A. Horton, 1 share each.

McAlpine Mines Company. To deal in mining property containing precious metals. Capital Stock, \$1,500,000; 1,500,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—F. R. Whitcomb, C. L. La Rue, M. C. Hassett, A. L. D. Barnard and F. W. McLean, 1 share each.

Continuous Wire Wound Pipe Co. To deal in pipe and wire of all kinds. Capital Stock, \$100,000; 1000 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—H. E. Aine, H. H. Plumme, W. L. Thompson, W. D. Morrison and H. C. Beach, 1 share each.

"Thrifty Incorporated." General ad-

vertising business. Capital Stock, \$150,000; 500 shares at \$50 each; amount subscribed, \$250. Place of business, San Francisco. Directors—C. H. Collier, C. A. Gwynn, C. W. Martin, T. W. Simpson and O. F. Leppo, 1 share each.

The Neptune Place, Inc. General restaurant and cafe business. Capital Stock, \$10,000; 1000 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—J. D. Rutledge, J. T. Williams, E. Stanley, 1 share each.

Thanksgiving Gold Mining Company. To deal in mill sites, claims, mines, etc. Capital Stock, \$30,000; 30,000 shares at \$1 each; amount subscribed, \$50. Place of business, San Francisco. Directors—Wm. Prior, J. Soussens, G. Kafsa, J. E. Manders and F. E. Boland, 1 share each.

Frank P. Doe Lumber Company. To deal in timber and timber lands and articles made from lumber. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—F. P. Doe, L. L. Long, C. W. Doe, C. A. Geirrine and G. H. Mastick, 1 share each.

COPARTNERSHIP.

G. H. C. Meyer, H. L. E. Meyer, Jr., J. W. Wilson, J. M. Quail as Meyer, Wilson & Co.

STREET WORK CONTEMPLATED

The Board of Public Works has recommended to the Supervisors that the following street work be done:

Improvements of Cotter street, between Mission and the Ocean Shore Railroad occupancy; Santa Rosa avenue between Mission and Alemany; crossing at Cayuga and Onondago; Ripley, between Alabama and Peralta, and crossing at Alabama and Ripley; Raymond avenue, between San Bruno and Sawyer including the intersection of Raymond avenue and crossings of Alpha, Rutland, Delta and Eliot streets with Raymond avenue; Ocean avenue, between San Jose and Onondago, including intersection of Ocean avenue with San Jose avenue, Delano and Onondago and the improvement of Onondago avenue, between Ocean avenue and Otsego, including the crossing of Otsego and Ocean avenue.

PLASTER CONTRACT AWARDED.

The Board of Public Works at their regular meeting yesterday awarded the contract for plastering the Academic building of the Polytechnic High School Building to the Greenbeck Plastering Co. on their bid of \$21,225.

BIDS FOR PHILIPPINE FORESTRY CONCESSION.

[Supplementing notice in Daily Consular and Trade Reports for Oct. 3, 1914.]

The Bureau of Insular Affairs of the War Department has received a cablegram from Manila, Philippine Islands, advising that the date for the opening of bids at the Bureau of Forestry in Manila for a concession covering the large forest known as the Tayabas-Camarines tract has been changed from November 11, 1914, to January 14, 1915.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

ROSTRUM—Concrete construction. Cost not stated. San Francisco. Engineer, Constructing Quartermaster's office, Fort Mason. Owners, United States Government. Plans for an ornamental concrete rostrum, which is to be constructed in the National Cemetery at the Presidio of San Francisco, have been completed and are now out for figures. Bids will be opened on December 8th at 11 a. m. Plans and specifications can be secured from the office of the Constructing Quartermaster. An official proposal appears in another column of this issue.

BARRACKS, QUARTERS, ETC.—1 and 2 story, frame and reinforced concrete. Cost not stated. Fort Huachuca, Ariz. Architect, Constructing Quartermaster, Fort Huachuca. Owners, United States Government. Some twenty-three new buildings are to be erected at Fort Huachuca, and plans for this work have recently been completed by Capt. E. T. Walton and are now out for figures. Included in the buildings will be several new barracks, officers' quarters, store houses, guard house and stables. Construction will be of frame and reinforced concrete. Heating, ventilation, modern plumbing and electric work are included in the general construction. Plans and specifications can be secured from Capt. E. T. Walton, Constructing Quartermaster, at Fort Huachuca. A deposit of \$10 is required on plans and specifications. Bids will be opened on December 23rd.

APARTMENT HOUSE—3 story and base, frame, \$26,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, J. D. Isaacs. Contractor, Charles Wright, 25 Stockton street, S. F. Contract price, \$26,000.

BRIDGE—Reinforced concrete and timber. Cost not stated. Fresno. Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans have been completed and have received the approval of the Board of Supervisors for the bridge over Kings River. Bids are now being taken and will be opened on December 8th. Plans and specifications can be secured from the County Clerk at Fresno.

FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, W. W. Rednall, 2500 Filbert street, S. F. Owner, W. W. Rednall, 2500 Filbert street, S. F. The building will be erected on the south side of Union street west of Baker, and will cover a ground area of 25 by 56 feet. There will be two modern flats of six rooms each. Interiors will be finished in pine, redwood and elm with hardwood floors in the living rooms, dining rooms and reception halls. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and floors. Tile and marble wainscot will be used in the entrance vestibules. Exterior of the building will be covered with rustic and cement

plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor Materials are now being purchased.

FLATS—2 story and base, frame, \$1,000. San Francisco. Architect Joseph Cohen, 45 Kearny street, S. F. Owner, Joseph Block, 2214 Divisadero. The building will be erected on Divisadero north of Clay street. There will be two modern flats of five and six rooms. Interior will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

POWER PLANT—1 story and base, reinforced concrete and steel, \$10,500. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for the construction of the Central Power Station to be erected in the Civic Center show T. W. McClenahan low at \$10,500. He will probably be awarded the contract. A complete list of the figures opened will be found under the heading of San Francisco in this issue.

HOSPITAL ELEVATOR CONTROL—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for changing the elevator control in the main group of buildings at the San Francisco Hospital show the Spencer Elevator Co. low at \$2,250. The only other bid received was from the Otis Elevator Co. at \$4,145.

RESIDENCE—2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, M. H. McGaffigan, 482 2nd avenue, S. F. These houses will be erected on the south side of Anza street west of 23rd avenue, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms and kitchens will have tile wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Edward G. Bolles, 660 Market street, S. F. Owner, S. A. Born, 660 Market street. The dwelling will be erected on Lot E in Sea Cliff Park, and has been designed for a seven room house with bath and sleeping porch. Interior finish will be of pine and hardwood with some white enamel in the bed rooms. Hardwood floors will

be used in the living room, dining room and reception room. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, Emil Nelson, 241 Divisadero, S. F. These two houses has been designed for six room dwellings and will be erected on the east side of 18th avenue south of Balboa. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living rooms and dining rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Automatic water heaters will be installed. Bath rooms will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

POST OFFICE—2 story and base, semi-fireproof construction. Cost not stated. La Junta, Colo. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed and forwarded to the west for figures. The building will cover a ground area of approximately 4,700 square feet. Construction will be of steel, stone and brick with some terra cotta facing. Interior will be finished in pine and hardwoods. Tile floor and slate roof will be used. Plans provide for steam heat. Bids will be opened on January 4th. Plans and specifications can be secured from either the Custodian of the site at La Junta or from the office of the Supervising Architect. An official proposal appears in another column of this issue.

LOFTS—2 story and base, reinforced concrete, \$15,000. San Francisco. Architect, none. Owner, May B. Angus, represented by Mr. Holden, 524 Crocker Bldg., S. F. The building will be erected on the south side of Jackson street east of Front, and will have a frontage of 30 feet by a depth of 60 feet. Interior finish will be of pine and redwood with some marble wainscot. Patent store fronts will be used. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by Mr. Holden.

STORES—1 story and base, brick and steel, \$45,000. San Francisco. Architect, John J. Casey, 46 Kearny street, S. F. Owner, Mr. Timony. The building will be erected at the southwest corner of Howard and Ninth streets, covering an area of 70 by 110 feet. The corner will be occupied by a saloon. There will be nine stores in all. Interiors will be finished in pine

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and redwood. Patent store fronts and plate glass windows will be installed. Exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and in the hands of the owner who is now taking subfigures on all parts of the work.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$45,000. San Francisco. Architect, A. J. Laib, Russ Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Nara District, and has been designed to contain a large number of two and three room suites with private baths and wall beds. There will be steam heat, an automatic elevator, hot water supply and vacuum cleaning system. Bath rooms will be finished in tile and will have composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW—1½ story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Albert Mattson, 3919 Folsom street, S. F. The dwelling will be erected on the west side of Newton street north of Morse, and has been designed to contain five rooms and bath. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be large open fire place in the living room. Mantel will be of brick. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

POST OFFICE STRUCTURAL STEEL—Cost not stated. San Francisco. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Bids opened by the State Board of Harbor Commissioners for furnishing the structural steel for the new Ferry Post Office show the Pacific Rolling Mills low at \$18,395. They will probably be awarded the contract. A complete list of the figures opened will be found under the heading of San Francisco in this issue.

MARKET BUILDING—1 story and base, frame, \$9,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Eisenbach Co., 408 Flatiron Bldg., S. F. The building will be erected on the east side of Hyde street north of Washington. There will be a number of modern market stalls, including a meat market, green grocery, tea, coffee and spice stall and bakery. Interior will be finished in pine and white enamel. A tile floor will be used. Patent store fronts are specified. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners, who are now taking figures on the work.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architects, Elite Planners, 1844 5th avenue, Oakland. Owners, Guerrero Realty Co., 2165 Mission street, S. F. These houses will be erected at the southeast corner of 9th avenue and O street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be open fire places in each living room. Mantels will be of tile. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

WHARE REPAIRS—Timber construction, \$1,149. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Thomson Bridge Co., S. F. Contract price, \$1,149.

ARMY BOOTH—Frame construction, \$638. San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Lange & Bergstrom, S. F. Contract price, \$638.

EXHIBIT BUILDING—1 and 2 story, frame and plaster, \$18,900. San Francisco. Architect's name not given. Owners, Norwegian-American Auxiliary to the Panama-Pacific International Exposition, 340 Sansome street, S. F. Contractor, M. Marcusson, Royal Insurance Bldg., S. F. Contract price, \$18,900.

BAKERY—2 story and base, brick and steel, \$40,000. San Francisco. Architect, none. Owners, People's Bread Co. Contractor, Charles W. Gompertz, 503 Market street, S. F. Contract price, \$40,000. Note: The contractor is now taking subfigures on the brick work and structural steel.

HOTEL AND STORES—6 story and base. Class C construction, \$60,000. San Francisco. Architect, none. Owner, O. A. Craemer, Contractor, William Koenig, 750 Parnassus avenue, S. F. Contract price, \$60,000.

STREET PAVING—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco. Contractor, G. W. McGinn, S. F. Contract price, \$23,000.

City Bids Opened.

Bids Opened For Constructing Building For Central Power Station and Much Street and Sewer Work.

Bids opened by the Board of Public Works for constructing the building to house the power plant in the Civic Center show T. W. McClenahan low at \$10,500. Ten bids were submitted. Bids were also opened at the same meeting for changing the elevator control in

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the main group of buildings at the San Francisco Hospital. The Spencer Elevator Co. were low at \$2,250. An unusual amount of street and sewer work also came up for consideration as well as the proposition of furnishing special equipment for the Central Fire Alarm Station. This latter proposition attracted fifteen bidders on which forty-five unit bids were submitted.

Constructing Power Plant.

William Bruce	\$13,250
Charles Wright	16,000
T. W. McClenahan	10,800
Robert Trost	12,457
Emil E. Glover	12,993
James L. McLaughlin	11,297
C. E. Davis & Son	13,173
C. L. Wold Co.	12,700
Lindgren Co.	13,450
Constr. & Eng. Co.	12,890
Changing Elevator Control, S. F. Hospital.	
Otis Elevator Co.	\$4,145
Spencer Elevator Co.	2,250

Structural Steel For Ferry Post Office.

Pacific Rolling Mills Submit Lowest Figure for Steel Work for New Ferry Post Office Building

Bids were opened at the Friday afternoon session of the State Board of Harbor Commissioners for furnishing and erecting the structural steel for the new Ferry Post Office. The bid of the Pacific Rolling Mill Co. was low at \$18,395 and they will probably be

awarded the contract. Following is a complete list of the figures received:

Steel For Ferry Post Office.	
Golden Gate Iron Works.....	\$18,924
Dyer Bros.....	21,676
Judson Mfg. Co.....	19,705
Ralston Iron Works.....	18,922
Pacific Rolling Mills.....	18,395
Western Iron Works.....	19,199

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
3925	Nelson	Nelson	3000
3926	Nelson	Nelson	3000
3927	Rednall	Rednall	6786
3928	Koster	Koster	1750
3929	Conroy	Forbes	1000
3930	Moore	Alfer	400
3931	Nelson	Nelson	2500
3932	Darcy	Darcy	500
3933	San Mateo	Black	1574
3934	Miles	Smith	2100
3935	S F Comm'l	Zelinsky	3850
3936	Pacific G & E.....	U S Metal	4725
3937	Same	Forde	592
3938	Sciotte	Hamerton	7840
3939	Perroni	Perroni	400
3940	Lancea	Lancea	1000
3941	Evans	Evans	1500
3942	Born	Born	5000
3943	Joost	Moren	400
3944	Murphy	Holstrom	450
3945	Gunst	Levi	400
3946	Conroy	Conroy	400
3947	Markel	Dickson	2287
3948	Kolander	Denke	17984
3949	S P Co.....	Dunnivant	56500
3950	Spacel	Higginson	1520
3951	Roberts	Neidick	2775
3952	P P I E.....	Strehlow	60070
3953	Burns	Burns	1200
3954	Teasmer	Teasmer	1000
3955	Baum	Hippley	400
3956	Cappeman	Cappeman	400
3957	Coulson	McPaul	450
3958	Somers	Smith	400
3959	Surges	Surges	450
3960	Canlet	Carter	400
3961	Melastesta	Melastesta	400
3962	McGaffigan	McGaffigan	2500
3963	Same	Same	2500
3964	Del Curo	Currie	5100
3965	Em Ch Ev Ass'n.....	Koenig	12676
3966	Angus	Holden	6000
3967	Morrison	Furcell	3100
3968	Harris	Schwarz	4750
3969	Simon	Old	500
3970	Bjorkman	Halmgren	1800
3971	Mattson	Mattson	2500
3972	Hansen	Gulmers	1500
3973	Howard St Pres Ch.....	Poss	450
3974	Hauschildt	Hansbrough	1000
3975	Kikenny	Grant	500
3976	Burch	Burch	500
3977	Howard	Bosworth	7000
3978	Bendorf	Hantzsche	2645
3979	Smith	Bauman	10000
3980	St. Francis	Brode	600
3981	Perry Impt.	Brode	300
3982	Campi	Capelli	5700
3983	Norway	Marcusen	16400
3984	Natl Cash Reg.	Rountree	3800

Correction, Contractor's Name Omitted HOTEL

(3924) EXPOSITION SITE. Sheet metal work, metal windows, fire doors, etc., for hotel.
Owner.....Inside Inn Hotel Co.
Architect...Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor...I. N. Phillips
Filed Nov. 21, '14. Dated Nov. 17, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4025
Bond, limit, forfeit, none. Plans and specifications, none.

FRAME DWELLING

(3925) E SIXTEENTH AVE 75 S
Balboa. Two-story and basement frame dwelling.
Owner.....Emil Nelson, 244 Rivoll, San Francisco.
Architect...None.
Day's work.....
COST, \$3000

FRAME DWELLING

(3926) E SIXTEENTH AVE 50 S

Balboa. Two-story and basement frame dwelling.
Owner.....Emil Nelson, 244 Rivoll, San Francisco.
Architect...None.
Day's work.....
COST, \$3000

FRAME PLATS

(3927) S UNION 265-10 W Baker. Two-story and basement frame (2) flats.
Owner.....W. W. Rednall, 2500 Filbert, San Francisco.
Architect...None.
Day's work.....
COST, \$6786

ALTERATIONS

(3928) NO. 1753 LOMBARD. Move alter and add to flats.
Owner.....Henry and Elize Koster, Premisea.
Architect...None.
Day's work.....
COST, \$1750

ALTERATIONS

(3929) NO. 3014 CALIFORNIA. Alter and repair residence.
Owner.....L. Cohn, Premises.
Architect...O'Brien Bros., Inc., 200 Clunie Bldg., S. F.
Contractor..Stanquist & Forbes, 180 Jessie, San Francisco.
COST, \$1000

ALTERATIONS

(3930) NO. 524 HAYES. Alter for residence.
Owner.....Werthermber & Moore, 1009 Post, San Francisco.
Architect...None.
Contractor..John Alfer, 615 Franklin, Oakland.
COST, \$400

FRAME DWELLING

(3931) W FIFTEENTH AVE 250 N California. Two-story and basement frame dwelling.
Owner.....F. Nelson, 39 Presidio Terrace, San Francisco.
Architect...None.
Day's work.....
COST, \$2500

FRAME DWELLING

(3931) W BERLIN 100 N Burrows. One-story and basement frame dwlg.
Owner.....Ellen Darcy, Hotel National, San Francisco.
Architect...None.
Day's work.....
COST, \$500

EXHIBIT BOOTH

(3933) EXPOSITION SITE. All work for exhibition booth in California Building.
Owner.....The County of San Mateo.
Architect...Havens & Toepke, 46 Kearny, San Francisco.
Contractor...W. J. Black.
Filed Nov. 23, '14. Dated Nov. 10, '14.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5764
Bond, \$2900. Sureties, J. N. Nisbet and E. M. Black. Limit, Jan. 10, '15. Forfeit, \$10. Plans and specifications filed.

COTTAGE

(3934) SE EDENBURGH 150 SW Brazil Ave SW 25xSE 100 Ptn Lot 2 Bk 46 Excl Hd. Ass'n. All work for one and one-half-story and basement cottage.
Owner.....Chas and Elizabeth Miles, 245 Athens, San Francisco.
Architect...None.
Contractor..Warren P. Smith, 109 Brazil Ave., S. F.

Filed Nov. 23, '14. Dated Nov. 10, '14.
Frame up 15%
Plastering on 60%
Completed 25%
Usual 35 days 25%
TOTAL COST, \$1100
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

CLUB

(3935) MERCHANTS EXCHANGE Building. Painting and decorating for new club quarters.
Owner.....San Francisco Commercial Club.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor..D. Zelinsky, 564 Eddy, San Francisco.

Filed Nov. 23, '14. Dated Nov. 7, '14.
Monthly payments of 75%
Usual 35 days..... 25%
TOTAL COST, \$3800
Bond, \$1925. Surety, Maryland Casualty Co. Limit, 40 days. Forfeit, \$10. Plans and specifications, none.

GENERATOR BUILDING

(3936) NW DELAWARE AND HUMBOLDT W 166-3 SW to center Humboldt W to E line Maryland N 279 m or E 200 S 246 O N 459. Galvanized ingot iron and wire glass roof for generator building at gas works.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor..United States Metal Products Co., 555 10th, S. F.

Filed Nov. 23, '14. Dated Nov. 17, '14.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, \$4725
Bond, \$2370. Surety, New England Casualty Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

STATION "K"

(3937) NW TWENTY-FOURTH AVE and Balboa W 107-6xN 115-4. Sheet metal work and glazing for Station "K".
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor..Forde Cornice Works, 269 Potrero Ave., S. F.

Filed Nov. 23, '14. Dated Nov. 18, '14.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, \$392
Bond, \$296. Surety, National Surety Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS

(3938) N TWENTY-FOURTH 55 W Shotwell W 38xN 90. All work for two-story frame stores and apartments.
Owner.....Wm. Sciotte, 3164 24th, San Francisco.
Architect...None.
Contractor..William C. Hamerton & Son, 1301 Waller, S. F.

Filed Nov. 23, '14. Dated Nov. 14, '14.
Frame up and roof on \$1906
Brown coated 840
Completed and accepted 3000
Usual 35 days 240
TOTAL COST, \$7846
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME GARAGE

(3939) E FOLSON 700 N 24th One-

story and basement frame garage.
Owner.....O. Perroul.
Architect...None.
Day's work. COST, \$400

ALTERATIONS
(3910) NO. 258 PRIM. Concrete floor,
bath and plaster room.
Owner.....Geo. Lancen, Premises.
Architect...None.
Day's work. COST, \$1000

FRAME DWELLING
(3941) E NAPLES 75 N Seville. One
and one-half-story and basement
frame dwelling.
Owner.....Oliver Evans, 3182 21st,
San Francisco.
Architect...None.
Day's work. COST, \$1500

FRAME RESIDENCE
(3942) LOT "E" SEA CLIFF. Two-
story basement and attic frame resi-
dence.
Owner.....S. A. Born Bldg. Co., 660
Market, San Francisco.
Architect...Edwin G. Bolles, 660
Market, San Francisco.
Day's work. COST, \$5000

ALTERATIONS
(3943) N DOUGLASS 50 W Portola.
Move and alter dwelling and con-
crete foundation.
Owner.....B. Joost, 126 Falcon Ave.,
San Francisco.
Architect...None.
Contractor...Geo. G. Moren, 125 Falcon
Ave., San Francisco.
COST, \$400

FRAME STORE
(3944) E PIERCE 100 N Lombard.
One-story frame store.
Owner.....Nicholas Murphy, 401 Ells-
worth, San Francisco.
Architect...None.
Contractor...Arthur Holstrom, 3146 De-
visadero, San Francisco.
COST, \$450

ALTER FRONT
(3945) SW MISSION AND THIRD.
Alter front.
Owner.....M. A. Gunst, California &
Front, San Francisco.
Architect...None.
Contractor...The S. Levi Fixture Shop,
446 6th, San Francisco.
COST, \$400

ALTERATIONS
(3946) NO. 681 HOWARD. Concrete
foundation and floor.
Owner.....C. M. Conroy, Premises.
Architect...None.
Day's work. COST, \$100

FRAME BUILDING
(3947) S BROADWAY 100 W Polk W
23-6XS 137-6. All work for one-story
and basement frame building.
Owner.....Eva G. Markel and Jas. B.
Markel Jr., 1512 Broadway,
San Francisco.
Architect...Oscar Mohr, 2254 Van Ness
Ave., San Francisco.
Contractor...Matthew Dickson.
Filed Nov. 24, '14. Dated Nov. 23, '14.
Roof on\$633
Rough plumbing in 533
Completed and accepted 534
Usual 35 days 587
TOTAL COST, \$2287
Bond, \$1143.50. Sureties, A. C. Bahkirk
and Henry Spalding. Limit, 65 days.

Forfeit, none. Plans and specifications
filed.

FRAME APARTMENTS
(3948) SE FRANKLIN AND SACRA-
mento S 87-8 1/2 X E 40. All work for
three-story and basement frame
apartments.
Owner.....Max and Dora Kolander,
1875 Sacramento, S. F.
Architect...Rousseau & Rousseau, Mo-
nadsnack Bldg., S. F.
Contractor...F. G. Denke, 1445 11th Ave
San Francisco.
Filed Nov. 24, '14. Dated Nov. 24, '14.
2nd floor joists up\$372
Enclosed and roof on 372
1st coat plaster on inside 372
Completed and accepted 496
Usual 35 days 496
TOTAL COST, \$17,984
Bond, \$5992. Sureties, E. H. and Ella
H. Denke. Limit, 90 days. Forfeit, \$2.
Plans and specifications filed.

EXPOSITION BUILDING
(3949) EXPOSITION SITE. All work
for erection of exposition building.
Owner.....Southern Pacific Co, Flood
Bldg., San Francisco.
Architect...None.
Contractor...Dunnivant, Houghton, Van
Sant, Inc., 503 Market,
San Francisco.

Filed Nov. 24, '14. Dated Nov. 19, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$56,500
Bond, \$28,250. Surety, Pacific Coast
Casualty Co. Limit, Feb. 15, 1915.
Forfeit, \$100. Plans and specifications
filed.

ADDITION
(3950) NOS. 30 AND 32 COLLING-
wood. All work except plumbing
painting and wiring for alterations
and additions to 2 flats.
Owner.....Mrs. Josephine Spaelti, 30
Collingwood, S. F.
Architect...None.
Contractor...Higginson Co., Inc., Hum-
boldt Bank Bldg., S. F.
Filed Nov. 25, '14. Dated Nov. 21, '14.
Ready for lathing\$305
Brown coated 305
Completed 305
Usual 35 days 305
TOTAL COST, \$1220
Bond, \$500. Limit, 60 days. Forfeit,
\$.50. Plans and specifications filed.

FRAME CAFE
(3951) NO. 2200 GREAT HIGHWAY.
Alterations and additions to one-
story frame cafe building.
Owner.....D. F. Roberts, Inc.
Designer...Wm. T. Saywell.
Contractor...Frank Neldick, 2669 How-
ard, San Francisco.
Filed Nov. 25, '14. Dated Nov. 21, '14.
Rough frame up\$693
Enclosed and roof on 693
Completed and accepted 693
Usual 35 days 696
TOTAL COST, \$2775
Bond, none. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

INTERIOR PARTITIONS
(3952) EXPOSITION SITE. Interior
partitions for Fine Arts Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co.
Architect...B. R. Maybeck, 35 Mont-
gomery, San Francisco.
Contractor...Strehlow, Freese & Peter-
sen, Exposition Site, S. F.

Filed Nov. 25, '14. Dated Nov. 20, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$60,070
Bond, \$35,000. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeit,
\$.50. Plans and specifications filed.

FRAME DWELLING
(3953) E MOULTRIE 145 N Crescent.
One-story and basement frame dwlg.
Owner.....B. Burnes, 406 Cortland
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1200
FRAME DWELLING
(3954) W GIRARD 75 S Woolsey.
One-story and basement frame dwlg.
Owner.....H. A. Tessmer, 1121 Key
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

UNDERPIN WALL
(3955) W POWELL 75 N Union. Un-
derpin wall.
Owner.....Mrs. E. Baum.
Architect...H. Barth, 15 Geary, S. F.
Contractor...L. Hippely, 1464 Grove,
San Francisco.
COST, \$400

SHINGLE WALLS
(3956) SW 3311 AVE AND HUGO.
Shingle walls.
Owner.....O. C. Cappeman.
Architect...None.
Day's work. COST, \$400

REPAIRS
(3957) NO. 210 TOWNSEND. Repair
restaurant.
Owner.....M. J. Coulson, Premises.
Architect...None.
Contractor...L. R. McFaul, 690 3rd,
San Francisco.
COST, \$450

ALTERATIONS
(3958) NO. 440 GEARY. Lath and
plaster partitions, new toilets, etc.
Owner.....Somers Estate Co., 240
California, San Francisco.
Architect...None.
Contractor...C. O. Smith, 240 Cali-
fornia, San Francisco.
COST, \$400

PLANING MILL
(3959) SW ARMY AND HARRISON.
Two-story frame planing mill.
Owner.....J. Surges, 14 Hoffman Ave.,
San Francisco.
Architect...None.
Day's work. COST, \$450

FRAME DWELLING
(3960) W GRIFFITH 50 N Jamestown
One-story frame dwelling.
Owner.....Eugene Canlet, 3061 16th,
San Francisco.
Architect...None.
Contractor...Geo. Carter, 559 Valencia,
San Francisco.
COST, \$400

REPAIRS
(3961) NO. 1450 GRANT AVE. Repair
dairy.
Owner.....A. Melatesta, 1450 Grant
Ave., San Francisco.
Architect...None.
Day's work. COST, \$400

DWELLING
(3962) S ANZA 135 W 23rd Ave. Two-
story and basement frame dwelling.

Wednesday, Dec. 2, 1914.

BUILDING AND INDUSTRIAL NEWS

Owner.....M. W. McGaffigan, 482 2nd Ave., San Francisco.
Architect...None.
Day's work. COST, \$2,500

FRAME DWELLING
(3963) S ANZA 110 W 23rd Ave. Two-story and basement frame dwelling.
Owner.....M. W. McGaffigan, 482 2nd Ave., San Francisco.
Architect...None.
Day's work. COST, \$2,500

FRAME RESIDENCE
(3964) E COLE 50-9 N Carmel 25x100. All work for two-story and basement frame residence.
Owner.....Chas. C. Del Curo, 2325 24th, San Francisco.
Architect...Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor...Currie & Currie, 1215 3rd Ave., San Francisco.
Filed Nov. 27, '14. Dated Nov. 23, '14.
Ready for roofing.....\$1275
Brown coated.....1275
Completed and accepted.....1275
Usual 35 days.....1275
TOTAL COST, \$5100
Bond, \$2550. Sureties, L. A. Hinson and E. O. Benner. Limit, 80 days. Forfeit, \$2. Plans and specifications filed.

CHURCH
(3965) SW NINETEENTH AND CAPP W 104-6xS 65. All work except heating, light fixtures, finish hardware, art glass, pews and organ for one-story and basement frame church.
Owner.....The Trustees of the Evangelical Ass'n, Premises.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor...Chas. J. U. Koenig, 520 Church, San Francisco.
Filed Nov. 27, '14. Dated Nov. 27, '14.
1st floor joists in place.....\$1095
Roof on.....2000
Brown coated interior & exterior.....2500
Completed and accepted.....3923
Usual 35 days.....3155
TOTAL COST, \$12,676
Bond, \$6500. Sureties, Wm. Newsom and Theodore Binner. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

WAREHOUSE
(3966) S JACKSON 65 E Front. Two-story and basement concrete store or warehouse.
Owner.....Mary B. Angus, 2522 Union San Francisco.
Architect...R. G. Doerfling, Sharon Bldg., San Francisco.
Contractor...Geo. Holden, 522 Crocker Bldg., San Francisco.
COST, \$6000

FRAME DWELLING
(3967) SE ANZA & NINETEENTH Ave. Two-story and basement frame dwelling.
Owner.....Robert L. Morton, 2972 Bush, San Francisco.
Architect...None.
Contractor...J. S. Purcell, 556 Presidio Ave., San Francisco.
COST, \$3100

FRAME FLATS
(3968) N CABRILLO 32-6 E 10th Ave. Two-story and basement frame (2) flats.
Owner.....H. E. Harris, 432 Monad-

nock Bldg., San Francisco.
Architect...None.
Contractor...Chas. Schwetz, 433 Napier San Francisco.
COST, \$4,750

BAKE OVEN
(3969) SE POST AND WEBSTER. Erect bake oven.
Owner.....Sig. Simon, 760 Mission, San Francisco.
Architect...None.
Contractor...John Old, 138 Beulah, San Francisco.
COST, \$500

FRAME DWELLING
(3970) E NAPLES 25 S Athens. One-story and basement frame dwelling.
Owner.....John Bjorkman, 45 Cordova, San Francisco.
Architect...None.
Contractor...V. Halmgren, 45 Cordova, San Francisco.
COST, \$1800

FRAME DWELLING
(3971) W NEWTON 225 N Morse. One and one-half-story and basement frame dwelling.
Owner.....Albert Mattson, 3919 Polson, San Francisco.
Architect...None.
Day's work. COST, \$2,500

DWELLING
(3972) S NAPLES 75 NE Persia. One and one-half-story and basement frame dwelling.
Owner.....Emil O. Hansen, 3609 Sacramento, San Francisco.
Architect...None.
Contractor...V. Gullmers, 15 Fountain, San Francisco.
COST, \$1500

ALTERATIONS
(3973) SW BAKER AND OAK. Alter for windows.
Owner.....Board of Trustees Howard Presbyterian Church, Prem
Architect...None.
Contractor...D. M. Ross, 418 Frederick, San Francisco.
COST, \$450

BOOTHS
(3974) NO. 105 KEARNY. Install 5 booths.
Owned.....Hauschildt Music Co., 105 Kearny, San Francisco.
Architect...Alfred A. Pyle, 1794 Hayes San Francisco.
Contractor...Hansbrough-Johnsen Co., 224 Monadnock Bldg., S. F.
COST, \$1000

ALTERATIONS
(3975) W DOUGLASS 103 S Caselli. Move, raise, add and alter building into flats.
Owner.....Emma N. Kilkenny, 4551 18th, San Francisco.
Architect...None.
Contractor...W. E. Grant, 1032 Irving, San Francisco.
COST, \$3000

ALTERATIONS
(3976) W TENTH AVE 175 N Noriega. Alter dwelling.
Owner.....Mrs. A. C. Burch, 1777 10th Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

FRAME FLATS
(3977) E MASONIC AVE 62 S Hayes.

Two-story and basement frame (4) flats.
Owner...P. H. Howard, 101 Divisadero, San Francisco.
Architect...None.
Contractor...P. H. Howard, 101 Divisadero, San Francisco.
COST, \$4000

DWELLING
(3978) TWENTY-FIFTH AVE 140 N Clement. Two-story and basement frame dwelling.
Owner...A. Rendorf, 305 25th Ave., San Francisco.
Architect...None.
Contractor...Hantzsch & McKay, 441 1st Ave., San Francisco.
COST, \$2645

TENEMENTS
(3979) N CALIFORNIA 75 W Leavenworth. Three-story and basement frame (6) tenements.
Owner.....H. Stevenson Smith, 311 California, S. F.
Architect...None.
Contractor...H. C. Baumann, 605 Chronicle Bldg., S. F.
COST, \$10,000

NOTE:—Frame started.
ADDITION
(3980) RUSH AND HYDE. Structural steel addition to nurses quarters of St. Francis Hospital. (no ornamental iron).
Owner.....St. Francis Hospital.
Architect...A. I. Coffey, Humboldt Bank Bldg., S. F.
Contractor...Brode Iron Works, 31 Hawthorne, S. F.
Not filed.
Progressive payments.....
TOTAL COST, \$600
Bond, limit, forfeit, plans and specifications, none.

BUILDING
(3981) THE EMBARCADERO — S Market. Iron and steel work for building.
Owner.....Ferry Improvement Co., 204 California, S. F.
Architect...O'Brien Bros., Clunie Bldg., S. F.
Contractor...Brode Iron Works, 31 Hawthorne, S. F.
Not filed.
Progressive payments.....
TOTAL COST, \$300
Bond, limit, forfeit, plans and specifications, none.

FRAME FLATS
(3982) E OAKWOOD 338 — 18th 32x105. All work for two-story and basement frame flats.
Owner.....D. Camp, 31 Oakwood, San Francisco.
Architect...None.
Contractor...Giuseppe Capelli & Co., 491 Greenwich, S. F.
Filed Nov. 28, '14. Dated Nov. 25, '14.
Frame up.....\$1475
Brown coated.....1475
Completed and accepted.....1425
Usual 35 days.....1425
TOTAL COST, \$5800
Bond, \$2850. Sureties, M. Capelli and B. Ross. Limit, 90 days from Dec. 1, 1914. Forfeit, none. Plans and specifications filed.
NOTE:—Job is E Oakwood 338 S 18th etc.

PAVILION
(3983) EXPOSITION SITE. All work for Norway Pavilion.

Owner The Norwegian-American Auxiliary of the Panama-Pacific International Exposition, 340 Sansome, S. F.
 Architect Berner & Berner, Christiania, Norway.
 Contractor Marcus Marcussen, 19 Devisadero, San Francisco.
 Filed Nov. 28, '14. Dated Nov. 25, '14.
 On 1st of each month as work progresses 75%
 Usual 35 days 25%
TOTAL COST, \$16,400
 Bond, \$8,200. Surety, The Aetna Accident & Liability Co. Limit, 75 days from Nov. 30, 1914. Forfeit, \$50. Plans and specifications filed.

EXHIBIT BOOTH

(3984) EXPOSITION SITE. All work for exhibit pavilion in Liberal Arts Building.

Owner National Cash Register Co Dayton, Ohio.
 Architect Schenck & Williams, Dayton, Ohio.
 Contractor R. Rountree, 408 Hugo, San Francisco.
 Filed Nov. 28, '14. Dated Nov. 27, '14.
 One-half work completed 50%
 15 days after Balance
TOTAL COST, \$3800
 Bond, none. Limit, 37 days. Forfeit, \$10. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Nov. 24, 1914—LOT 8 BLK 3, Crocker Amazon Tract; Lot 23 Blk 2 Crocker Amazon Tract; Lot 8 Blk 6, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property
 Nov. 24, 1914—LOT 29 and S ½ Lot 30 Blk 25, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property
 Nov. 24, 1914—LOT 29 and S ½ Lot 30 Blk 25, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED	AMOUNT
Nov. 2, 1914—LOT 6 Ptn Lot 7, West Clay Park; No. 2144 Lake. Mollie M Marks to McNab & King. Nov. 2, '14	
Nov. 2, 1914—MONTGOMERY No. 14 at intersection of Montgomery, Post and Market. Wells Fargo Nevada National Bank to Ed Mooney. Nov. 2, 1914	
Nov. 2, 1914—S TWENTY-THIRD 50 W Kansas. John J Blinet Co to whom it may concern. Oct. 29, 1914	
Nov. 2, 1914—S SUTTER 87-6 E Montgomery S 124-9 being the point of intersection with N line of Lot to be occupied by building; th S 62-7 W 25 S 83-11% th along Market 92-5% N 92-6 W 50. Hobart Estate Co to Forreder Cornice Works. Oct. 30, 1914	
Nov. 2, 1914—LOT 35 BLK 6 Crocker Amazon Tract. A H Meyer to whom it may concern. Oct. 24, 1914	
Nov. 2, 1914—LOT 36 BLK 6, Crocker Amazon Tract. Andrew Olson to whom it may concern. Oct. 24, 1914	
Nov. 2, 1914—LOT 23 BLK 17-A The C S Allred Sub Blks 17 and 18 West End Map No. 1. Dominic Tiseornia to whom it may concern. Oct. 31, 1914	
Nov. 2, 1914—W SIXTH 123 S Howard S 25xW 155. H and I Wolf to Heckenroth & Schell. Completed—	
Nov. 2, 1914—GROSH HOTEL BLDG.	

M D Grosh, E G Larzelere and Louise M Sage to Otis Elevator Co, Nov. 2; Vermont Marble Co, Nov. 2; Otis Elevator Co, Nov. 2, '14
 Nov. 4, 1914—N CLARA 175 W Rich W 25xN 75. Sarah K and Frank Shibley to A Sarraillie and S Lagomarsino Completed—
 Nov. 4, 1914—SE MARKET 45 S 2nd SW 30 SE 91-6 SW 20 SE 43-6 NE 95 NW 43-6 SW 45 NW 91-6. Chas Schlessinger to B C Van Emon, Inc Nov. 2, 1914
 Nov. 4, 1914—E TEXAS 100 N 19th N 25xE 100. Peter Smith to B W Demarais Nov. 3, 1914
 Nov. 4, 1914—S LOMBARD 220 W Grant Ave W 25xS 90. Raffaello and Filomena Pierotti to V Filippis Nov. 4, 1914
 Nov. 4, 1914—NW STOCKTON AND Post N 137-6xW 137-6. Blanche M Burbank to Alex Coleman Nov. 3, 1914
 Nov. 4, 1914—S ANZA 54-1 E 24th Ave E 25xS 100. Ernest E and Myrtle F Dunn to whom it may concern Completed—
 Nov. 4, 1914—W TENTH AVE 300 N Balboa N 33-4xW 120. F T Stroth to O C Holt Oct. 31, 1914
 Nov. 4, 1914—N LOMBARD 137-9 W Larkin W 25xN 74-10. Rosalind Johns to Collman & Collman Oct. 31, 1914
 Nov. 4, 1914—E THIRD AVE 125 N Balboa N 25xE 120. Ruegg Bros to whom it may concern. Nov. 1, 1914
 Nov. 4, 1914—EXPOSITION SITE. J R Kathrens, Mgr. Union Pacific System to Mangrum & Otter, Oct. 31; H A Chalmers, Inc. Oct. 31; Jas H Pinkerton Oct. 31, 1914
 Nov. 5, 1914—E AUBURN 40 S Pacific S 28-9xE 25. Harry J J Demartini to Paul De Martini Oct. 31, 1914
 Nov. 5, 1914—NW BOSWORTH & Culver N 100xW 25. James J or J J and Ellen G Burke to Barrett Hilp Oct. 26, 1914
 Nov. 5, 1914—W SIXTH AVE 175 S Cabrillo S 25x120. Geo W and E M Merris (wife) to C Wengard Nov. 5, 1914
 Nov. 5, 1914—N EIGHTEENTH 69 W Sanchez W 31xN 53. B Cordes to Petterson & Persson Oct. 28, 1914
 Nov. 5, 1914—NE BUSH & LARKIN N 137-6xE 137-6. G P W Jensen to whom it may concern. Oct. 31, '14
 Nov. 5, 1914—S LAKE 82-6 W 16th Ave S 100xW 25. Percy D Tyler to whom it may concern. Nov. 5, '14
 Nov. 5, 1914—N FILBERT 187-6 W Larkin W 25xN 137-6. Denis E Devine to Paul De Martini Nov. 2, 1914
 Nov. 5, 1914—E MISSION 350 S Italy Antonio Giusto to John P Cuneo Ave S 25xE 83-6; Blk 7, Excel Hd. Nov. 4, 1914
 Nov. 6, 1914—S COMMERCIAL 60 E Montgomery E 49-9xS 59-6. Pacific Gas & Elec Co to P J O'Brien Oct. 25, 1914
 Nov. 6, 1914—N MISSION 343-4xW Seventh E 31-7% N 165 E 31-7% S 165. Talbot Invt Co to R Ringrose & Son, C W Withington. Forreder Cornice Wks, Greenback Plastering Co, D Zelinsky, Peterson-James Co, Vitt Elec Co, Pacific Mfg Co, Friedman Bros, Marshall & Stearns, Mission Marble Co and Lamont & Miller Nov. 5, 1914
 Nov. 6, 1914—NW BUSH & MASON N 100xW 68-9. Henry A Voorman, Gdn for Mary Voorman to

Pacific Rolling Mill Co., Oct. 30, 1914
 Nov. 6, 1914—S LOMBARD 164-10 E Divisadero E 25 S 149-5% m or 1 SW 25 m or 1 N 150-3 m or 1. Frank and Pacina Bonavia to Domenico Francesconi Nov. 5, 1914
 Nov. 6, 1914—E TWENTY-SECOND Ave 100 N Geary E 120xN 25. Chas E Johnson to Chas E Johnson Nov. 5, 1914
 Nov. 6, 1914—COMG. 66,875 E Broderick and 292,55 N from S Lewis W 13 N 63 E parallel to N Lewis 280 S 63 W 267. Panama-Pacific International Exposition Co to M P Mortenson Oct. 26, 1914
 Nov. 6, 1914—N BROADWAY adj W of present residence with frontage on Broadway of 30 feet. H C or Herbert C Moffitt to T A Cavanagh Oct. 28, 1914
 Nov. 6, 1914—SE SANSOME & UNION 177-6x120. National Ice & Cold Storage Co of California to A Carlson Oct. 30, 1914
 Nov. 6, 1914—N WEBSTER 81-6 S Pacific Ave 46-2% x110. Mrs A M Byrne to Klerman & O'Brien Nov. 6, 1914
 Nov. 6, 1914—NW WASHINGTON & Laguna; No. 2301 Laguna. Mary Ives Crocker to Jas H Pinkerton Nov. 6, 1914
 Nov. 9, 1914—W TWELFTH AVE 100 N Geary N 25xW 120. Albert and Anna Vendt to John V Stiefel Nov. 9, 1914
 Nov. 9, 1914—N OAK 157-6 W Van Ness Ave W 89-9 N 120 E 63-9 S 40 E 21 S 80. The Young Men's Institute Hall Ass'n to N Clark & Sons Oct. 28, 1914
 Nov. 9, 1914—N ANZA 120 E 13th Ave E 25xN 75. John Gray to whom it may concern. Nov. 4, 1914
 Nov. 9, 1914—W DOLORES 159 N 15th N 30xN 125. Frederick F and Ada T O'Neill to Einar C Petersen Nov. 7, 1914
 Nov. 9, 1914—LOT 10 BLK 6, St. Francis Wood. Westgate Park Co to J M Bartlett Nov. 5, 1914
 Nov. 9, 1914—N TURK 171-10% E Taylor E 34-4% xN 137-6. Zellerbach-Levison Co to J J and Chas Terranova as Terranova Bros. Nov. 4, 1914
 Nov. 9, 1914—SE GEARY & TAYLOR S 137-6xE 87-6. Chft Realty Co to Italston Iron Works, Inc. Oct. 31, '14
 Nov. 7, 1914—NE FULTON and Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to The J. Looney Co Nov. 4, 1914
 Nov. 6, 1914—S CRESCENT AVE 23-4 E Roscoe (Decatur) E 23-4xS 75; ptn Lots 27, 29, 31. Holiday Map "A." Nettie and William Sexsmith to whom it may concern. Nov. 4, 1914
 Nov. 9, 1914—E RAUSCH 100 S Howard S 25xE 112. Julius Svirbely to W L Heminga Nov. 6, 1914
 Nov. 9, 1914—S SUTTER 87-6 E Montgomery S 124-9 being ptn of intersection with N line of Lot to be occupied by building, contg S 62-7 turning at r a and running S 83-11% th running along N Market 92-5%. Hobart Estate Co to Mangrum & Otter Nov. 3, 1914
 Nov. 9, 1914—W NOE 59-6 S 19th S 26-6 W 37-6 N 26-6 E—to beg. H Optitz to Ellingson & Holt Nov. 6, 1914
 Nov. 10, 1914—S SUTTER 57-6 W Taylor W 27-6xS 100. John Gallwey and Chas W Slack, extras Est

ueben Lloyd, dec'd to J S Han-
Oct. 31, 1911
 10, 1914—NW POST & STOCK-
 N 137-6xW 137-6. Blanche M
 urbank to Rex Elec. Co. Nov. 9, 1914
 10, 1914—EXPOSITION SITE.
 Combined Amusements Co to Chas
 Powers. Nov. 4, 1914
 11, 1914—NO. 1919 CALIFORNIA
 H De Young to Daniel O'Neill
Nov. 9, 1914
 11, 1914—SE POST & SHANNON
 92-6x E 56-6. H O Trowbridge &
 nited Realty Co to Cameron &
 lston. Nov. 10, 1914
 11, 1914—W COMMONWEALTH
 ve 95-6 S Calhoun W 95 S 30—
 E 30. Marcus Levy to F F
 alston. Nov. 1, 1914
 11, 1914—E FILLMORE 55-6 S
 lbert S 22x E 87-6. N P Ander-
 son to Geo L Streshley. Nov. 10, 1914
 11, 1914—E FIFTH AVE 200 S
 iving S 25x E 120. Alphonzo Har-
 ington to whom it may concern
Nov. 10, 1914
 11, 1914—NW POST & STOCK-
 N 137-6xW 137-6. Blanche M
 urbank to Ira W Coburn. Nov. 2, 1914
 11, 1914—S SUTTER 87-6 E
 ontgomery S 124-9 to a pt of
 intersection with N line of Lot to
 be occupied by building th S 62-7
 7 25 S 83-11 1/2 th along N Market
 2-5 1/2 N 92-6 W 50. Hobart Est
 o to Whitman Lyman Co. Nov. 9,
 1914; Stockholm & Allyn. Nov. 7,
 1914; California Plate & Window
 lass Co. Nov. 9, 1914
 12, 1914—S SIXTEENTH AVE
 13-6 S California S 75x E 120.
 elen S Treat to Gustav Peterson
Nov. 11, 1911
 12, 1914—S MARKET & THIRD
 W 75x E 70. City Investment Co
 o Stanquist & Forbes. Nov. 10, 1914
 12, 1914—E POLK 80 N Clay E
 90 xN 25-2 1/2. G Podesta to De-
 incenzi Bros & Co. Nov. 11, 1914
 12, 1914—S GLOVER 137-6 E
 eavenworth. Percy D and Tlsta
 McFarland to G H & S Walker.
Nov. 2, 1914
 12, 1914—N NINETEENTH 205
 Noe E 25xN 114. S Cabezet to
 whom it may concern. Nov. 7, 1914
 13, 1914—S BEACH 55 E Brod-
 erick S 687.5xW 535.27; S Tonquin
 5 E Broderick S 687.5xW 535.27;
 Beach 55 E Broderick E 886.87x
 618.75; S Tonquin 55 E Broderick
 S 886.87xS 687.5; S Beach 90 W
 teiner S 618.75xW 838.12; S Ton-
 quin 90 W Steiner S 687.5xW 838.12;
 Beach 90 W Steiner E 571.25xN
 87.5; S Tonquin 90 W Steiner W
 71.25xN 687.5. Panama-Pacific
 International Exposition Co to
 the Turner Co. Nov. 11, 1914
 13, 1914—S STEVENSON AND
 eventh SE 75xSW 75. Antone
 alexander and Jullien Vaysie to
 Roberts Trost. Nov. 5, 1914
 13, 1914—LOT 21 BLK 14 Crock-
 er Amazon Tract. John F Haner
 to whom it may concern. Nov. 11,
 1914
 13, 1914—W FORTY-FOURTH
 ve 230 N Balboa 30x120. Alice M
 r A M Haulain to C H Bessett.
Nov. 11, 1914
 13, 1914—N SACRAMENTO 60
 Front E 40 N 60 W 20 N 59-6
 W 20 S 119-6. Wm F Barton to
 no Spargo. Oct. 29, 1914
 13, 1914—SW GEARY & LARKIN
 V 76xS 120. P J Gartland to Paul
 Karlb. Nov. 7, 1914

Nov. 13, 1911 NE BERNARD AND
 Leavenworth 20x68. Julie Pauline
 to Steur & Bury. Nov. 15, 1911
 Nov. 13, 1911—SUTTER ST. (Grosh
 Hotel). M D Grosh, E G Lazzerole
 and Louise M Sage to Gas & Elec.
 Appliance Co. Nov. 11, 1911
 Nov. 14, 1914—E SEVENTEENTH
 Ave 150 S Lincoln Way S 25x E 100.
 William H Kohler to whom it may
 concern. Nov. 14, 1914
 Nov. 14, 1914—S CALIFORNIA, bet
 Montgomery & Sansome (Mer-
 chants' Exchange Bldg). The S
 F Commercial Club to Fred L Preston,
 Nov. 7, 1914 D J Dolan Wreck-
 ing & Constr Co. Nov. 7, 1911
 Nov. 14, 1911—S TWENTY-FIRST
 Ave 150 S Geary S 50x E 120. John-
 son & Johnson and Axel E Johnson
 to whom it may concern. Nov. 14, 1911
 Nov. 16, 1914—S O'FARRELL 22-11 E
 Leavenworth E 38-9 1/2 S 68-9 W
 38-9 1/2 N 68-9 1/2. Christoph and
 Anna J von Staden to whom it may
 concern. Nov. 14, 1914
 Nov. 16, 1914—E LAPIDGE 145 S
 15th S 25x E 80. F J Clark to E
 Schroder and W McIntosh. Nov. 11, 1914
 Nov. 16, 1914—W TWENTY-THIRD
 Ave 100 S Lake; No. 119 23rd Ave.
 James H and Amelia V Anderson
 to W F Duffer. Nov. 16, 1914
 Nov. 16, 1914—NE CABRILLO AND
 5th Ave N 25x E 95. John Mc-
 Cormick to L C Wooldridge. Nov. 9, 1914
 Nov. 16, 1914—N EIGHTEENTH AVE
 225 N Balboa N 25xW 120. John S
 Purcell to whom it may concern.
Nov. 16, 1914
 Nov. 16, 1914—S ARMY 187-6 W Dia-
 mond W 27-6xS 114. Henry B and
 Georgia A Jones to Mager Bros. Nov. 6, 1914
 Nov. 16, 1914—E POWELL, bet. Califor-
 nia and Sacramento; No. 830
 Powell. Mrs M T Berneque to D J
 & T Sullivan, Inc. Nov. 6, 1914
 Nov. 17, 1914—S JESSIE AND NEW
 Montgomery SW 263-4 to NE Annie
 SE 68 NE parallel with Jessie
 263-4 NW 68. Macdonald & Kahn
 to C C Morehouse. Nov. 13, 1914
 Nov. 17, 1914—NW JACKSON AND
 Scott N 127-8 1/2xW 137-6. Academy
 of the Sacred Heart to A Knowles.
 Nov. 16; Wm Camp and Chas A
 Carillon (Camp & Carillon). Nov. 14, 1914
 Nov. 17, 1914—S O'FARRELL 70 E
 Hyde E 40xS 77-6. Fred H Green
 to whom it may concern. Nov. 17, 1914
 Nov. 17, 1914—SE SANSOME AND
 Union 177-6x120. National Ice &
 Cold Storage Co of Cal. to Vulcan
 Iron Works. Nov. 8, 1914
 Nov. 17, 1914—S EIGHTEENTH AVE
 209-4 S Irom Lake 30-8x120.
 Thomas or Thos Voddan & Son to
 Thos Voddan & Son. Nov. 17, 1914
 Nov. 18, 1914—S PACIFIC 25 E
 Auburn E 25xS 68-9. August
 Lamerdin to L Segale and F De
 Martin. Oct. 30, 1914
 Nov. 18, 1914—SE SANSOME AND
 Union 177-6x120. National Ice &
 Cold Storage Co to Brandon &
 Lawson. Nov. 14, 1914
 Nov. 18, 1914—SCOTT NO. 2900. Mary
 Anne Rethers to Swenson Franzen
Nov. 13, 1914
 Nov. 18, 1914—NW ATHENS 175 NE
 Brazil Ave N E 25xN 100. Pin
 6 Rik 65, Excel Hd. Gottfried
 Huhblom and Carl A Johnson to
 whom it may concern. Nov. 17, 1914
 Nov. 18, 1914—NE FREDERICK &

Frederick, bet. an Fremont & E
 Fremont & Fritz G. Nov. 18, 1914
 Nov. 18, 1914—NW JACKSON AND
 Scott N 127-8 1/2xW 137-6. Academy
 of the Sacred Heart to A Knowles
 Wagner. Nov. 16, 1914
 Nov. 19, 1914—E TWI. TELL AVE
 11 N Gilbert S 25x E 100. E. Coe
 to whom it may concern. Nov. 12, 1911
 Nov. 19, 1911—FRANKLIN NW 100
 The Century Club of California to
 Wm L. Boldt. Nov. 8, 1914
 Nov. 19, 1914—W EMBARCADERO
 137-6 S Market—S 8x W 40 N 50x E
 80. Perry Imp Co (Chicago) to
 Nelson & Arner. Nov. 18, 1914
 Nov. 20, 1914—LOT 7, SUB N 7
 Sutter Addn. E P Husted to
 S A Horn Bldg Co. Nov. 16, 1914
 Nov. 20, 1914—SUTTER (Grosh Hotel)
 M D Grosh, E G Lazzerole and
 Louise M Sage to Brode Iron Wks.
 Nov. 9, United States Metal Pro-
 ducts Co. Nov. 15, 1914
 Nov. 20, 1914—EXPOSITION SITE.
 J R Katherns, Manager, to J W
 Bender Roofing & Paving Co.
Nov. 14, 1914
 Nov. 20, 1914—S CALIFORNIA, bet.
 Montgomery & Sansome in Mer-
 chants' Exchange Bldg. The S F
 Commercial Club to Berkeley Steel
 Co. Nov. 14, 1911
 Nov. 20, 1914—W THIRTY-SIXTH
 Ave 50 S Balboa S 25xW 95. W R
 Kenny to whom it may concern.
Nov. 20, 1914
 Nov. 20, 1914—E FRANKLIN 37-8 1/2
 S Clay S 30x E 85. Thos E Itulis to
 whom it may concern. Nov. 19, 1914
 Nov. 20, 1914—W TAYLOR 100 S
 Sutter S 37-6x137-6. B J Wyman
 to whom it may concern. Nov. 20, 1914
 Nov. 20, 1914—E FRANKLIN 67-8 1/2
 S Clay S 30x E 85. Hans Petelin to
 whom it may concern. Nov. 19, 1914
 Nov. 20, 1914—NW TURK AND
 Leavenworth W 37-6xN 87-6. W F
 Roeder to G P W Jensen. Nov. 18, 1914
 Nov. 20, 1914—SW GEARY & LAR-
 kin W 76xS 120. P J Gartland to
 Frank J Klimm. Nov. 18, 1914
 Nov. 20, 1914—SE EIGHTEENTH &
 Kansas E 37xS 22-6. Mrs D or
 Maria and Demetrios Corcosolis
 and Mrs Mary Millas or Mary F
 Miller and Jhon Miller to whom it
 may concern. Completed
 Nov. 20, 1911—E TWENTY-FOURTH
 Ave 100 S Anza S 25x E 150. Geo
 F Clesse to whom it may concern.
Nov. 18, 1914
 Nov. 20, 1911—S SUTTER 87-6 E
 Montgomery S 124-9 to beg of lot
 S 22-7 W 25 S 83.11 1/2 th along
 Market 92-5 1/2 N 92-6 W 50. Hobart
 Estate Co to Mangrum & Otter
Nov. 19, 1914
 Nov. 20, 1911—S BEACH 55 E Brod-
 erick S 687.5xW 535.27, S Tonquin
 55 E Broderick S 687.5xW 535.27,
 S Beach 75 E Broderick E 886.87x
 618.75 S Tonquin 55 E Broderick E
 886.87xS 687.5, S Beach 90 W Stei-
 ner S 618.75xW 838.12 S Beach 90
 W Steiner E 571.25xN 87.5. Pan-
 ma-Pacific International Ex-
 position Co to Progressive Printing Co.
Nov. 12, 1914
 Nov. 20, 1911—S BEACH 55 E Brod-
 erick S 687.5xW 535.27, S Tonquin
 55 E Broderick S 687.5xW 535.27,
 S Beach 75 E Broderick E 886.87x
 618.75 S Tonquin 55 E Broderick E
 886.87xS 687.5 S Beach 90 W Stei-
 ner S 618.75xW 838.12 S Tonquin 90

- W Steiner S 687.5xW 83 12, S Tonquin 90 W Steiner E 571.25xN 687.5, S Bench 90 W Steiner E 571.25xN 687.5. Panama-Pacific International Exposition Co to The Turner Co. Nov. 12, 1914
- Nov. 21, 1914—S SUTTER 75 W Larkin W 50xS 120. J P Trouillet to Drutcher & Schma. Nov. 20, 1914
- Nov. 21, 1914—NW POWELL AND Sutter. Shumate's Pharmacy, Inc. to Prans & Kuhn Co. Nov. 19, 1914
- Nov. 21, 1914—SW THIRD 112-6 N Townsend 3W 25xSW 80. Fannie M Harney or Mrs F M Harney to L A Secor. Nov. 20, 1914
- Nov. 23, 1914—PTN LOT 12 BLK 19 Market Street 112 Ass'n described as SW Line Lot 12 and NW Grand View (View) Ave NE 50.24 th N 68 deg 50 min W parallel with SW line Lot 12 127.52 SW 50.02 SE 124. Frank T Engle to whom it may concern. Nov. 22, 1914
- Nov. 23, 1914—EXPOSITION SITE. Desmond Supply Co to Dunnivant, Houghton-Van Sant, Inc. Nov. 13, 1914
- Nov. 23, 1914—LOMBARD NO. 2036. John Hogan to E J Montgomery. Nov. 23, 1914
- Nov. 23, 1914—N PAGE 100 E Fillmore E 44x155 m or l. Margaret T and Annie M Cary to Lincoln U Grant. Nov. 20; Henry Ernst & Sons Nov. 20, 1914
- Nov. 23, 1914—STOCKTON NO. 1706. 30 N Filbert. P Lombardi and Olivo Riccomini to Antonio Lonconco. Nov. 19, 1914
- Nov. 23, 1914—SE PIERCE & BAY E 600xS 618.75. Panama-Pacific International Exposition Co to McLerran & Peterson. Nov. 17, 1914
- Nov. 23, 1914—E BAKER 67.375 S Bay S 45xSE 789 m or l. Panama-Pacific International Exposition Co to The Turner Co. Nov. 20, 1914
- Nov. 23, 1914—S MARKET AND 3RD SW 75xSE 70. City Investment Co to Pacific Gurney Elevator Co. Nov. 19, 1914
- Nov. 23, 1914—E SIXTEENTH AVE 153-6 S California E 135 S 60 m or l W 39 m or l NW 40 m or l W 69-9 m or l N 30. Ben Schloss to W A Savage. Nov. 14, 1914
- Nov. 24, 1914—S UNION 102 W Powell W 34-6 S 62-6 W l v S 30-6 E 10 S 17-6 E 24-6 N 110-6. Carlo Malerhi to G Ferroni & Son. Nov. 23, 1914
- Nov. 24, 1914—NW JACKSON AND Scott N 127-8 1/2xW 137-6. Academy of the Sacred Heart to Daniel Powers. Nov. 23, 1914
- Nov. 24, 1914—S LINCOLN WAY 32-6 W 10th Ave 25x100. Henry Hansen to whom it may concern. Nov. 24, 1914
- Nov. 24, 1914—S TWENTIETH 130 E Sanchez E 25xS 114. Henrietta E Larsen and Chas K Stern Jr to A E Olson. Nov. 23, 1914
- Nov. 24, 1914—S COMMERCIAL 60 E Montgomery E 49-9xS 59-6. Pacific Gas & Elec Co to Thos H Price Co. Nov. 16, 1914
- Nov. 24, 1914—SE POWELL & UNION E 124-8 1/2 SE 19-1 1/2 S 122-1 1/2 W 137-6 N 137-6. Rose F Debedetti, Regina A, May L and Irene R Cunco to G Trevia and G B Pasquetti. Nov. 20, 1914
- Nov. 24, 1914—SW TWENTY-SIXTH and Capp S 100 m or l NE 31 m or l N 87 m or l. Maria Rivelli to Ratto & Ratto. Nov. 23, 1914
- Nov. 25, 1914—SUTTER ST. (Grosh Hotel). M D Grosh, Louise M Sage and E G Larzelere to W P Fuller, Nov. 25, Peter Swanson. Nov. 25, 1914
- Nov. 25, 1914—N NORTH POINT 100 W Broderick N 100 E 450 S 600 W 450 N 500; N North Point 100 E Pierce N 100 E 450 S 600 W 450 N 500. Panama-Pacific International Exposition Co to The Turner Co. Nov. 21, 1914
- Nov. 25, 1914—NW PINE & STOCKTON N 39-6 W 60 S 19-6 E 2-6 S 40 E to beg. F C Finkle to Rocky Mountain Excavating Co. Nov. 20, 1914
- Nov. 25, 1914—NE EUREKA AND 19th N 75xSE 25. Rose Collopy to Geo V McCausland. Nov. 17, 1914
- Nov. 25, 1914—COM AT PT in center 26th Ave, if extended, 1251-6 1/2 N Lake NE 112-1 1/2 to pt of beg E 162.10% th on curve to left 93-6 1/2 NW th on curve to left 48-9 1/2 SW 15-2 1/2 SW 41-4 1/2. Helen Hillier Brown to whom it may concern. Nov. 24, 1914
- Nov. 25, 1914—E MASONIC AVE 100 N Grove N 25 E 123-6 SW 25-3 1/2 m or l W 119-8 1/2. Robert K Schermer to John Westerlund. Nov. 25, 1914
- Nov. 25, 1914—S SUTTER 87-6 E Montgomery S 124-9 to beg of Lot S 62-7 W 25 S 83-11% th along Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to Hughson & Merton, Inc. Nov. 21; Newbery Bendheim Elec Co, Nov. 23; Thos Day Co. Nov. 21, 1914
- Nov. 25, 1914—W TWENTY-SIXTH Ave 100 S Anza 20x90. Maurice J Flynn to M F Barrett. Nov. 24, 1914
- Nov. 25, 1914—N VALLEJO 113-9 W Stockton 25x70. G D or Giuseppe D Verga to Curran & Bulotti, Nov. 19; V Philip. Nov. 19, 1914
- Nov. 25, 1914—E FRANKLIN 97-8 1/2 S Clay S 30 E 87 N 27-8 1/2 W 2 N 2-3 1/2 W 85. J Eric Johanson to whom it may concern. Nov. 24, 1914
- Nov. 25, 1914—W DIVISADERO 85 S Page S 52-6 W 137-6 N 55 E 37-6 S 2-6 E 100. Daniel Sullivan to Charles Coburn. Nov. 25, 1914
- Nov. 27, 1914—S CLAY 123-10 W Polk W 68-5 m or l S 127-8 1/2 m or l. Mission Consolidated Realty Co to B A Trobeck & Co. Nov. 27, 1914
- Nov. 27, 1914—E SIXTEENTH AVE 23S S California S 25xSE 120. J M Peters to whom it may concern. Nov. 24, 1914
- Nov. 27, 1914—E SIXTEENTH AVE 263-6 S California S 26-11xSE 120. J M Peters to whom it may concern. Nov. 24, 1914
- Nov. 27, 1914—NE FOURTH and Clementina 32x80. Mary R Rock and Theresa Dunn vs Robinson & Gillespie. Nov. 25, 1914
- Nov. 27, 1914—S COMMERCIAL 60 E Montgomery S 59-6xSE 49-9. Pacific Gas & Elec Co to Fordeur Cornice Works. Nov. 18, 1914
- Nov. 27, 1914—LOTS 34 AND 35 BLK "B" Ashbury Park. Blanche Freeman to L L Allen. Nov. 17, 1914
- Nov. 27, 1914—W COLLINGWOOD 60 S 21st S 25xW 125. Mary E Morrow to David Houle. Nov. 25, 1914
- Nov. 27, 1914—E FIFTH AVE 200 S Cabrillo S 25xSE 120. Duncan and Christibel Matheson to H E and T W MacArthur. Nov. 27, 1914
- James L Brown, Inc vs M D Grosh, E G Larzelere and Louise M Sage. \$10.7
- Nov. 12, 1914—N SUTTER 100 Powell W 37-6xN 137-6. Hoop Lumber Co vs M D Grosh, Louise Sage, E G Larzelere and Jas Brown. \$35
- Nov. 14, 1914—E UTAH 150 S 24 S 25x100. George Ryan vs Margaret Mullin and Thos F Mitchell. \$40
- Nov. 16, 1914—N SUTTER 100 Powell W 37-6xN 137-6. San Francisco Drayage Co vs M D Grosh, G Larzelere and Louis M Sage. Nov. 16, 1914—N SUTTER 100 Powell W 37-6xN 137-6. Joseph Deasy vs James L Brown, Inc, M Grosh, Louise M Sage and E G Larzelere. \$3
- Nov. 16, 1914—SW BROADWAY 100 Powell S 93-6xW 100. Holden Deuprey Co vs Geo J Panario, Ka Grim, Kate Wetmore and Geo Panario. Nov. 15, 1914—NE CLAY & LEAVENWORTH N 30xSE 94. C Carneva Marble & Mosaic Co vs John Schroeder. Nov. 18, 1914—N MISSION 343-4 1/2 Seventh W 31-7 1/2xN 165. Baker Hamilton vs Neil A McLean and Talbot Invest Co. \$13
- Nov. 19, 1914—SE EIGHTEENTH Kansas E 37xS 22. C Carneva Marble & Mosaic Co vs D Corcoran and Mrs D Corcoran, John and Mary Milonos or Millas and Margio Kolen and F A Hanson. Nov. 20, 1914—NW BUSH & LEAVENWORTH 87-6 on Bush by 59 of Leavenworth. William Barth, J M Seely and Crown Cornice Work vs Ethel Curtaz. \$104
- Nov. 24, 1914—SW NEWCOMB AVE (14th Ave South) 225 SE Hawes (14th Ave South) SE 75xSW 100 Lot 5 in Bl 234 South San Francisco Hd and R R Ass'n. Santa Fe Lumber Co vs John Hayes. \$15
- Nov. 24, 1914—W VIENNA 225 V Brazil N 25xW 100. George Ryan vs Guadalupe Lus and John Cerd. \$36
- Nov. 24, 1914—S ALVARADO 105 V Castro W 25xS 114. Victor Rosenbaum vs Chas H and Nellie Muller. \$
- Nov. 24, 1914—S LAKE 32-6 W 18th Ave W 25xS 100. R W Kinney C vs Emma Clinton Rose, C C Turner, O E Evans and A Davis. \$218
- Nov. 24, 1914—S PACIFIC 90 E Taylor E 24xS 80. J H Kruse vs Marjorie G Romano, G Mancini and A Sciarroni (as Mancini & Sciarroni). \$85
- Nov. 25, 1914—S FELTON 95 W Bruno Ave 25x102. The Greater City Lumber Co vs A Willbach. \$70
- Nov. 25, 1914—N SUTTER 100 W Powell W 37-6xN 137-6. Morris Stutsaft Co, \$434.45; Joseph Deasy \$375.42 vs M D Grosh, Elizabeth G Larzelere and Louis M Sage and Wm Wade. Nov. 25, 1914—S PACIFIC 90 E Taylor E 24xS 80. J S Guerin Co, \$205.16; Ferdinando Tani, \$207; J Piconi, \$300 vs Maria G Romano, C Mancini and A Sciarroni (as Mancini & Sciarroni). Nov. 25, 1914—S TWENTIETH 200 E Michigan S 133-7 1/2xSE 79-S. Ralston Iron Works, Inc vs Union Iron Works Co and Thos H Day's Sons. \$18
- Nov. 27, 1914—NW MARIPOSA AND

- Nov. 12, 1914—N SUTTER 100 W Powell 37-6x137-6 (Grosh Hotel)

Get it from Bacon.

The Blocks that were
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.
CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

SCHRADER
INC. **IRON**
WORKS

**Structural Steel
Contractors**

Works at
**HARRISON ST.,
bet. 8th & 9th
San Francisco**

Telephone Market 337

land. Alterations and repairs to
cottage.

Owner.....H. Oellerish, S. F.

Architect...None.

Contractor...C. Nelson, San Francisco.

Filed Nov. 23, '14. Dated Nov. 19, '14.

House raised and ready for
timbers to be taken out.....\$200
Enclosed and rustic on.....200
Completed200

TOTAL COST, \$600

Bond, none. Limit, 24 days after Nov.
23. Forfeit, none. Specifications only
filed.

DWELLING(2810) S HOPKINS 100 E Park Blvd.,
Oakland. One-story 5-room dwlg.Owner.....Matthew Klein, 5913 Can-
ning, Oakland.

Architect...None.

Day's work. COST, \$2500

ALTERATIONS(2811) NO. 2117 LINCOLN, Oakland.
Alterations.

Owner.....J. C. Seow, 554 27th, Okd.

Architect...None.

Contractor...S. J. Bertelson, 667 39th,
Oakland. COST, \$500**DWELLING**(2812) S FIFTY-EIGHTH 150 W Mc-
Call, Oakland. One-story 5-room
dwelling.Owner.....H. C. Pfrang, 5359 Shafter
Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

(2813) S FIFTY-EIGHTH 83 W Mc-
Call. One-story five-room dwlg.Owner.....H. C. Pfrang, 5359 Shafter
Ave., Oakland.

Architect...None.

Day's work. COST, \$2500

DWELLING(2814) W EIGHTY-THIRD AVE 180 N
E-14th, Oakland. One-story 5-room
dwelling.Owner.....Alexander Boe, 2120 Mar-
ket, Oakland.

Architect...None.

Contractor...O. M. Carlson, 1456 82nd
Ave., Oakland. COST, \$1900**DWELLING**

(2815) W ATLHOL AVE 200 S Brook-

lyn, Oakland. One-story five-
dwelling.Owner.....Marc W. Koenig, 444
Oakland.

Architect...None.

Contractor...Fred Hambleton, 575
Oakland.

COST,

ADDITION(2816) STANLEY ROAD AND
Oakland. Add to two-story
dwelling.

Owner.....F. C. Talbot, Premise

Architect...None.

Contractor...Henry Houle, Oakland.
COST,**DWELLING**(2817) NE E-TWENTY-FIFTH
SE 19th Ave SE 25xNE 140, Oak

All work for one-story 6-room d

Owner.....Jesse P. and Angell
Algarve, 2014 E-25th,

Architect...None.

Contractor...Jose M. Silva & J. Lu
2869 Ford, Oakland.

Filed Nov. 23, '14. Dated Nov. 1,

Frame up

Brown coated

Completed and accepted.....

Usual 35 days.....

TOTAL COST,

Bond, \$300. Sureties, Louise E. G

Forfeit, \$3. Plans and specifica

and Luigi Luvisi. Limit. 60 to 90
filed.

NOTE:—1st report Nov. 13, No.

FRAME BUILDING

(2818) LOTS 2, 3 AND N 8

Bik 37 Map Property L M Be

and G Peladeare, Emeryville.

work except felt, tar and g

roofing for one-story frame bl

Owner.....Axel Johnson, Oakland

Architect...None.

Contractor...John Bernhardt and
Anderson, 6257 Ha

Oakland.

Filed Nov. 23, '14. Dated Nov. 21,

Rough floor laid.....

Frame up

Completed

30 days after.....

TOTAL COST,

Bond, \$2405. Surety, National S

Co. Limit, 35 days. Forfeit,

Plans and specifications filed.

CONCRETE CULVERT

(2819) THIFTY-FIRST AVE b

12th and E-13th, Oakland. All

for concrete culvert.

Owner.....Derby Estate Co.

Architect...None.

Contractor...Otto Schnbert, 1547

croft Way, Berkeley.

Filed Nov. 24, '14. Dated Nov. 19,

No payments given.....

TOTAL COST,

Two bonds, \$600. Surety, U. S. FI

& Guaranty Co. Limit, forfeit,
and specifications, none.

FLATS

(2821) E DIAMOND AVE 285 N

being Lot 18 and ptn Lots 17,

and 21 Bik "D" Map Alton

Oakland. All work for two

(4) flats.

Owner.....Amy Worthington

ing, 5426 Royd Ave., C

Architect...None.

Contractor...Charles Rogers,

Blake, Oakland.

Filed Nov. 24, '14. Dated Oct. 24,

Owner pays labor up to.....

Wednesday, Dec. 1, 1914.

Owner pays material up to 37.5
Contractor pays bills in excess
of these
Owner pays contractor \$1500 35
days after completed & accepted

TOTAL COST, \$—

Bond, none. Limit, 101 days after Oct.
27. Forfeit, \$5. Plans and specifications
filed.

NOTE:—1st report Oct. 28, No. 2609.

ALTERATIONS

(2325) NO. 6444 COLBY, Oakland.
Alterations.

Owner.....Mrs. Howe, Premises.
Architect...None.

Contractor...H. M. Frostholt, 6456 Col-
by, Oakland.
COST, \$500

DWELLING

(2326) E PLEASANT VALLEY AVE
132 W Rose Ave., Oakland. One-
story six-room dwelling.

Owner.....Mrs. Rittenhouse, 439 65th,
Oakland.

Architect...None.

Contractor...J. Coward, 1181 Claremont
Ave., Oakland.
COST, \$2700

GARAGE

(2327) W CANNING 50 N 60th, Oak-
land. One-story 3-room garage.

Owner.....C. E. Noble, Elko, Nevada.
Architect...None.

Contractor...J. P. Sherwood, 463 60th,
Oakland.
COST, \$450

DWELLING

(2328) S LESTER AVE 425 W New-
ton Ave., Oakland. One-story six-
room dwelling.

Owner.....Peter Anderson, 440 Han-
over Ave., Oakland.

Architect...None.

Contractor...C. H. Taylor, 1312 Broad-
way, Oakland.
COST, \$2500

DWELLING

(2329) N GLENDORA 484 W Clarke
Ave., Oakland. One-story 6-room
dwelling.

Owner.....F. N. Fabing, 1251 Hop-
kins, Oakland.

Architect...None.

Days' work. COST, \$3500

DWELLING

(2330) N FIFTY-FIRST 150 W Grove,
Oakland. One-story 4-room dwlg.

Owner.....W. D. Heitman, 5101 Grove
Oakland.

Architect...None.

Day's work. COST, \$1500

DWELLING

(2331) N FIFTY-FIRST 120 W Grove,
Oakland. One-story 4-room dwlg.

Owner.....W. D. Heitman, 5101 Grove
Oakland.

Architect...None.

Day's work. COST, \$1500

DWELLING

(2332) S PLEASANT VALLEY AVE
132 W Rose Ave being ptn Lot 4 Map
Pleasant Valley Court, Oakland. All
work for one-story 5-room dwelling.

Owner.....Mrs. M. J. Rittenhouse, 439
65th, Oakland.

Architect...None.

Contractor...Joseph Coward, 1187
Claremont Ave., Oakland.

Filed Nov. 25, '14. Dated Oct. 29, '14.
Raise loan for as much as possible

BUILDING AND INDUSTRIAL NEWS

and pay before 30 days after com-
pleted and accepted, balance, note
payable \$35 a month

TOTAL COST, \$700

Bond, none. Limit, 80 days. Forfeit,
none. Plans and specifications, none.

DWELLING

(2334) SE EIGHTY-SIXTH AVE AND
"B," Oakland. One-story 4-room
dwelling.

Owner.....A. J. Vargas, 1639 89th Ave
Oakland.

Architect...None

Day's work. COST, \$1000

ALTERATIONS

(2345) NO. 1257 EIGHTY-THIRD AVE
Oakland. Alterations.

Owner.....J. F. Souza, Premises.

Architect...None.

Contractor...O. M. Carlson, 1436 82nd
Ave., Oakland.
COST, \$400

TANK FRAME

(2346) NO. 504 FRUITVALE AVE.,
Oakland. Tank frame.

Owner.....Mrs. E. A. Bassett, Prem.
Architect...None.

Contractor...H. L. Thompson, 4622 E-
14th, Oakland.
COST, \$400

DWELLING

(2347) N "B" 80 E 89th Ave., Oak-
land. One-story 4-room dwelling.

Owner.....James Keating, 247 20th
Ave., San Francisco.

Architect...None.

Contractor...Joe S. Mary, 2229 92d Ave.,
Oakland. COST, \$1000

BRIDGES

(2349) GARITY FLAT CREEK
Bridge, San Pablo Creek Bridge, Wild
Cat Creek Bridge, Alameda County.

Structural steel for three bridges.

Owner.....County of Alameda.

Civil Eng.....Leonard & Day, Rialto
Bldg., San Francisco.

Contractor...Brode Iron Works, 31
Hawthorne, S. F.

Not filed.

Progressive payments.....

TOTAL COST, \$1255

Bond, limit, forfeit, plans and spec-
ifications, none.

DWELLING AND GARAGE

(2352) LOT 1 BLK "A" Map Lincoln
Park, Oakland. All work for two-
story dwelling and garage.

Owner.....John E. Perati, Oakland.

Architect...None.

Contractor...C. F. Lodge, 5471 Prince-
tor, Oakland.

Filed Nov. 27, '14. Dated Nov. 17, '14.

Execution of this agreement, \$ 500

Frame up, plumbing and elec-
tric work completed..... 500

Plaster and rustie on exterior 500

Completed and accepted..... 250

Usual 35 days..... 1450

Lot 39 Blk "C" Map Vincente Per-
alta Reservation Tract, Okd....

TOTAL COST, \$4500

Bond, \$2250. Sureties, H. J. Quinn and
H. H. Watson. Limit, 90 days after
Nov. 24. Forfeit, \$1. Plans and spec-
ifications filed.

DWELLING

(2354) E ADAMS 170 S Euclid, Oak
land. One-story 6-room dwelling.

Owner.....Franklin Riddle.

Architect...None.

Contractor Edwin E. Cook, Berkeley
Bldg., Oakland. COST, \$1000

DWELLING

(2355) S WALTON PLACE 30 W 4th
Ave., Oakland. One-story 4-room
dwelling.

Owner.....Dean & Wade

Architect...None.

Contractor...G. B. Holbrook, Thom-
son Bldg., Oakland.
COST, \$1000

GARAGE

(2356) N E TWENTY-THIRD 882 E
10th Ave., Oakland. Garage

Owner.....J. Harry Evans, 1906 E
23rd, Oakland

Architect...None.

Day's work. COST, \$400

ADDITION

(2356) NO. 1310 E THIRTY-SECOND,
Oakland. Addition.

Owner.....M. J. Azevedo, San Jose.

Architect...None.

Days' work. COST, \$400

NOTICE OF NON-RESPONSIBILITY.

Nov. 27, 1914—SE FIFTEENTH AND
Broadway, Okd. W V. Heinen F.
Rita, Frances and W V. Wicher Jr
as to Improvements on leased
property.....

ARCHITECTS' CERTIFICATE.

Ralph Wyckoff has filed his certifi-
cate of Architecture. Passed examina-
tion Aug. 6, 1914. Certificate filed Aug.
26, 1914.

Building Contracts Awarded.

Berkeley.			
No.	Owner	Contractor	Am't.
2800	Ala Co Hm.	Mallan	6-0
2801	Homestead Bk.	Sorensen	10-25
2802	Same	West	18-50
2803	Same	Makin	8-50
2804	Same	Schubert	9-50
2805	Same	Capitol	1-25
2806	Same	Underwood	70-00
2807	Schroeder	Kollmer	200-00
2820	Crawfis	Patton	200-00
2335	Postal	Tullock	2000
2336	Postal	Tullock	2000
2337	Townsend	Owner	31-75
2338	Vasson	Bennett	15-00
2339	McCann	McCann	35-00
2340	Same	Same	35-00
2341	Chown	Welsh	16-00
2342	Same	Same	16-00
2343	Rose	Helms	3-00
2344	Herbert	Burks	10-00
2345	Spitzer	Spitzer	32-50
2350	Homst	Tucker	25-00
2351	Same	Colusa	125-00

DWELLING

(2800) W GRANT 50 E Addison, Ber-
keley. One-story 2-room dwelling.

Owner.....Alameda County Home
Bldgs., 1st National Bank
Bldg., Berkeley

Architect...None.

Contractor...Otto Mallan, 1119 10th,
Berkeley

COST, \$400

ALTER BANK BUILDING

(2801) NOS. 2268-70 SHATTUCK AVE
Berkeley Carpenter work for altera-
tions to bank building

Owner.....Homestead Savings Bank
Premises

Architect...W. H. Ralston Jr., 1st Na-
tional Bank Bldg., Berkeley

Contractor...Walter Sorensen, 1005
23rd, Berkeley

Filed Nov. 24, 1914. Dated Nov. 7, 1914.

1st day of each month. 75%
Usual 35 days. 75%
TOTAL COST, \$1028
Bond, \$511. Surety, Maryland Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2802) BANK FIXTURES, ENTRANCE doors, vault work and vault doors on above.

Contractor..M. G. West Co., Inc., 353 Market, San Francisco.
Filed Nov. 23, '14. Dated Nov. 20, '14.
Payments same as above.
TOTAL COST, \$4880

Bond, \$2140. Sureties, Royal Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2803) LATHING AND PLASTERING on above.

Contractor..Wm. Makin, 1011 Franklin Oakland,
Filed Nov. 23, '14. Dated Nov. 17, '14.
Payments same as above.
TOTAL COST, \$850

Bond, \$425. Surety, Aetna Accident & Liability Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2804) EXCAVATION & CONCRETE work on above.

Contractor..Otto Schubert, Bkly.
Filed Nov. 23, '14. Dated Nov. 17, '14.
Payments same as above.
TOTAL COST, \$990

Bond, \$495. Surety, Maryland Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2805) ELECTRICAL WORK ON above.

Contractor..Capitol Elec. Co., 2476 Shattuck Ave., Berkeley.
Filed Nov. 23, '14. Dated Nov. 17, '14.
Payments same as above.
TOTAL COST, \$128

Bond, none. Limit as soon as possible. Forfeit, none. Plans and specifications filed.

(2806) PLUMBING, SEWER, GAS piping and sheet metal work on above.

Contractor..B. E. Underwood, Bkly.
Filed Nov. 23, '14. Dated Nov. 17, '14.
Payments same as above.
TOTAL COST, \$—

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(2807) LOT 16 BLK 1 Baum's Subvn Upper Claremont, Bkly. All work except shades, electric fixtures, garden work, heater and install leaders for two-story and basement frame dwelling.

Owner.....W. H. Schroeder, 2806 Cherry, Berkeley.
Architect...Albert Farr, 68 Post, S. F.
Contractor..Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

Filed Nov. 23, '14. Dated Nov. 17, '14.
Frame up and sheathed. 1/4
Plastered. 1/4
Completed and accepted. 1/4
Usual 35 days. 1/4
TOTAL COST, \$7090

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS

(2808) LOT 16 Map Halcyon Court

Tract, Berkeley. All work for three story 35-room frame apartments.
Owner.....George A. Crawfis, Bkly.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor..G. W. Patton, 2126 Emerson, Berkeley.

Filed Nov. 24, '14. Dated Nov. 7, '14.
1st and 15th of each month. 75%
Usual 35 days. 25%
TOTAL COST, \$20,000

Bond, \$10,000. Surety, Pacific Coast Casualty Co. Limit, March 28, 1915. Forfeit, none. Plans and specifications filed.

DWELLING

(2335) E MCKINLEY AVE 208 S Channing Way, Berkeley.. One-story 5-room dwelling.

Owner.....E. A. C. Postel, 2117 San Jose Ave., Alameda.

Architect...None.
Contractor..H. Tullock, 2445 22nd Ave., Oakland.

COST, \$2000

DWELLING

(2336) E MCKINLEY AVE 43 S Channing Way, Berkeley. One-story five-room dwelling.

Owner.....E. A. C. Postel, 2117 San Jose Ave., Alameda.

Architect...None.
Contractor..H. Tullock, 2445 22nd Ave., Oakland.

COST, \$2000

DWELLING

(2337) W CONTRA COSTA 900 N Los Angeles, Berkeley. One and one-half story 8-room dwelling.

Owner.....Frederick Townsend, 2954 Magnolia Ave., Berkeley.

Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.

Day's work. COST, \$3475

DWELLING

(2338) N ALCATRAZ 35 W Sacramento, Berkeley. One-story 5-room dwlg

Owner.....Arthur Massoni, 3226 Adeline, Berkeley.

Architect...None.

Contractor..Pio Benassini, 5250 Boyd Ave., Oakland.

COST, \$1580

DWELLING

(2339) SW REGENT AND STUART, Berkeley. Two-story 8-room dwlg.

Owner.....Chas. A. McCann, 2525 Piedmont Ave., Berkeley.

Architect...Elite Planners, 1844 5th Ave., Oakland.

Day's work. COST, \$3500

DWELLING

(2340) S STUART 63 W Regent, Berkeley. Two-story 7-room dwlg.

Owner.....Charles A. McCann, 2525 Piedmont Ave., Berkeley.

Architect...Elite Planners, 1844 5th Ave., Oakland.

Day's work. COST, \$3000

DWELLING

(2341) E CALIFORNIA 130 N Virginia Berkeley. One-story 5-room dwlg.

Owner.....Jas. G. Chown, 1517 Lyon, San Francisco.

Architect...None.

Contractor..E. M. Welsh, 3905 Mera, and J. F. Rogers, 695 31st, Oakland.

COST, \$1600

DWELLING

(2342) N VIRGINIA 75 E California, Berkeley. One-story 5-room dwlg.

Owner.....Jas. G. Chown, 1517 Lyon, San Francisco.

Architect...None.

Contractor..E. M. Welsh, 3905 Mera, and J. F. Rogers, 695 31st, Oakland.

COST, \$1600

DWELLING

(2343) NE CLAREMONT AVE AND Eton Court, Berkeley. Two-story 4-room dwelling.

Owner.....Mority A. Rose, 55th and Dover, Oakland.

Architect...None.

Contractor..William C. Helms, 121 Haskell, Oakland.

COST, \$3000

DWELLING

(2344) W ELLSWORTH 100 N Bancroft, Berkeley. One-story 4-room dwelling.

Owner.....Mrs. C. Herbert, 2338 Ellsworth, Berkeley.

Architect...None.

Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.

COST, \$1000

DWELLING

(2345) SE SHATTUCK AVE AND Eunice, Berkeley. One-story seven-room dwelling.

Owner.....E. B. Spitler, 815 Oxford, Oakland.

Architect...None.

Day's work. COST, \$3250

ALTERATIONS

(2350) NO. 2268-70 SHATTUCK AVE Berkeley. Painting and decorating for alterations and additions to bank.

Owner.....Homestead Bank, Prem.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor..C. A. Tucker, 474 23th, Oakland.

Filed Nov. 27, '14. Dated Nov. 17, '14.

1st of each month. 75%

Usual 35 days. 25%

TOTAL COST, \$35

Bond, \$175. Surety, Samuel Parker

Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2351) BRICK AND STONE WORK on above.

Contractor..Colusa Sandstone Co., Potrero Ave., S. F.

Filed Nov. 27, '14. Dated Nov. 23,

Payments same as above.

TOTAL COST, \$128

Bond, \$640. Surety, Massachusetts Bonding & Insurance Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

2322 HillenHillen 2000
2323 SameSame 200
2324 SameSame 200
2325 Masonic Home.....Day 3478

DWELLING

(2322) NO. 1548 BUENA VISTA AVE, Alameda. One-story 5-room dwlg.

Owner.....R. C. Hillen, 1529 Santa Clara Ave., Alameda.

Architect...None.

Day's work. COST, \$2000

DWELLING

(2323) NO. 1544 BUENA VISTA AVE, Alameda. One-story 5-room dwlg.

Wednesday, Dec. 2, 1914

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Owner.....R. C. Hillen, 1529 Santa Clara Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

DWELLING
(2324) NO. 1550 BUENA VISTA AVE., Alameda. One-story 5-room dwlg.
Owner.....R. C. Hillen, 1529 Santa Clara Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

BRICK BUILDING
(2332) PLOT 12, 12 and ptn Plot 10, Boardman's Map of Rancho Arroyo de la Alameda, Washington Tp. All work except plumbing, heating and lighting fixtures for two-story brick and concrete building.
Owner.....Board of Trustees of Masonic Home of California.
Architect...Jas. H. Humphreys, Wells Fargo Bldg., S. F.
Contractor...Thos. H. Day's Sons, Wells Fargo Bldg., S. F.

Filed Nov. 25, 14. Dated Nov. 19, 14.
Last day each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$34,787
Bond, \$17,400. Sureties, Chas. H. Holbrook Jr. and William L. McGuire.
Limit, 125 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market by W. I. Clarke to Harry C. Knight. Nov. 7, 14
Nov. 13, 1914—N KEITH AVE 126 E Pryal, being Lot 17 Blk "V" Vernon Park Tract, Okd. W. A. Ballinger to William H. Kerrigan. Oct. 12, 1914
Nov. 13, 1914—LOT 6 and 6-8 Lot 5 and S 7-6 Lot 7 Blk "D" Map Broadway Terrace, Okd. Jas. E. Stewart and R. H. Banning to whom it may concern. Nov. 10, 1914
Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market to Wm. I. Clarke. Nov. 7, 14
Nov. 14, 1914—W BAY 85 S Peabody Lane, Emeryville. Peterson Tallow Co to F. E. Allen. Nov. 10, 1914
Nov. 16, 1914—LOT 195 Fourth Ave Terrace Ext., Okd. John G. Sjoberg to Harry C. Knight. Nov. 13, 1914
Nov. 16, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to J. Llewellyn Co. Nov. 13; Jas. L. Brown, Inc. Nov. 7, 1914
Nov. 16, 1914—LOT 10 BLK 18, Melrose Heights Tract, Okd. Z. Spencer Clark to O. G. Smith. Nov. 1, 1914
Nov. 16, 1914—PTN LOT 6 BLK 4 Map Plan of Howe Tract, Okd. Mary Moller to Oscar Olson. July 16, 1914
Nov. 17, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E. Blood, Jessie L. Appleton and Alliance Land Co to Edward E. Soule. Nov. 9, 1914
Nov. 17, 1914—N 43 LOT 2 Boyd Place Bkly. Ernest A. Richards to Ernsberger & Dildine. Nov. 12, 1914
Nov. 17, 1914—SW GROVE AND 22ND Oakland. S F O T Railways to N. McDonald. Nov 12; L. D. Frazee. Nov. 12, 1914
Nov. 17, 1914—LOT 12 BLK "B" Map Kenwood Park, Okd. Lewis and Mitchell, Inct to O. G. Smith.

Nov. 14, 1914—W LAKE HERRING AVE 63 S Cottage S 10xW 100, Oakland. Chas. E. Quigley to whom it may concern. Nov. 13, 1914
Nov. 18, 1914—N PARK BLVD 78 SW Montclair Ave SW 38, Okd. George D. Slater to Fred Peters. Nov. 14, 1914
Nov. 18, 1914—W 38 LOT 19 BLK "A" Waterside Terrace Tract, Alb. Mark T. Cole to whom it may concern. Nov. 12, 1914
Nov. 19, 1914—SW DIVISION NO. 4 designated survey partition Rancho De San Antonio, Aug. 29, 1871 SE 2551.36 from W. Cor. Division No. 4 NE 491.55 NE 135.84 NE 463.25 NE 800.47 NE 274.80 NE 541.26 NE 200 SE 713.01 SE 370 NE 506.39 NE 229.59 NW 298.30 NW 45 SW 201 NW 500 SW 215 NW 500 NE 390 NW 190 SW 390 NW 150 NE 288.45 NW 100 SW 630 NW 400 NE 556 NW 142.34 NW 498.05 NW 300 NE 440 NW 244.70 SW 708.68 SW on curve to left 44.44 on curve to right 332.68 SW 163.23 SE 230.59 SW 160.82 SW 518.72 W 166.10 SW 424.27 SW 183.66 SW 189.72 SW 404.78 SW 355.10 SW 346.10 NW 148 W on curve to right 405.71 on curve to left 112.82 SE on curve to right 24.49 SE 235.70 SW 364.56 SW 671 SE 1368, Alameda County. Sequoyah Country Club to Carl T. Doell. Nov. 12, 1914
Nov. 19, 1914—LOT 162 Wickham Havens Inc Map Piedmont-by-the-Lake, Okd. John A. Brunje to Irving C. Michelson. Nov. 2, 1914
Nov. 19, 1914—LOTS 7 AND 8 Blake Tract No. 3 on N Kitttridge St., Bkly. John Muldoon and Frank M. Wilson to W. Makin. Nov. 14, 1914
Nov. 19, 1914—LOT 5 BLK "J" Moss Tract, Okd. E. Welchoff to Fletcher & Newby. Nov. 16, 1914
Nov. 20, 1914—LOT 17 BLK 17 Map Northbrae, Albany. Anna S. Whelton to whom it may concern. Nov. 16, 1914
Nov. 20, 1914—SE CLAREMONT AVE and Brookside Ave, Bkly. E. B. Davis to H. M. Frostholt. Nov. 19, 1914
Nov. 20, 1914—SW GROVE AND 22ND Okd. S F O T Railway to J. B. Cruz. Nov. 14, 1914
Nov. 20, 1914—NE FOURTEENTH & Clay N 205-6x E 128, Okd. H. C. Capwell Co to Otis Elevator Co. Nov. 11, 1914
Nov. 21, 1914—NE TENTH and Washington, Okd. Arthur Brown. Sr to Van Sant-Houghton Co. Nov. 14, 1914
Nov. 21, 1914—SW ELEVENTH and Peralta W 100 S 104 W 37 1/2 N 104 E 37 1/2, Okd. Rev. Chas. N. Lathrop to Jos. Flittner. Nov. 14, 1914
Nov. 23, 1914—E MARKET 30 S 43rd 36x100, Okd. L. Valpredo to L. G. Geary. Nov. 15, 1914
Nov. 23, 1914—NE PEDESTRIAN WAY 90 E Claremont Ave, Ala Co. H. S. Butler to whom it may concern. Nov. 21, 1914
Nov. 23, 1914—E OAK GROVE AVE 350 NE Forest Ave, Okd. H. S. Butler to whom it may concern. Nov. 21, 1914
Nov. 23, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to C. L. Cummins. Nov. 19, 1914
Nov. 24, 1914—SE TWENTY-FIFTH and Grove S 40x E 90, Okd. St. George Hall Ass'n to F. J. Klenck.

Nov. 21, 1914
Nov. 24, 1914—LOT 10 and ptn Lot 101 Map Crocker Highlands, Piedmont. Cora H. Shores to whom it may concern. Nov. 1, 1914
Nov. 24, 1914—W OAK 7162 N 14th N 80xW 160, Okd. Fred G. and Mary L. Laird to Edward Sommerstrom. Nov. 24, 1914
Nov. 25, 1914—LOT 6 BLK "C" Map Piedmont Knoll, Piedmont. H. F. Butler to whom it may concern. Nov. 24, 1914
Nov. 25, 1914—NE E-SIXTEENTH 150 SE Seventh Ave th along E 16th 23, NE 150, Okd. Mary F. Petersen to G. A. Scott. Nov. 24, 1914

LIENS FILED.

ALAMEDA COUNTY.

Nov. 4, 1914—LOT 107 Amended Map Rhoda Tract, Okd. E. H. Wittorff, \$102.50 F. M. Drehsbach (Zenith Mill & Lumber Co), \$417.39 vs A. Hebel. Nov. 10, 1914
Nov. 10, 1914—W WASHINGTON Park 300 S Central Ave W 235 S 189.50 SE 304.47 N 296.62, Alameda. E. K. Wood Lumber Co vs Alameda Venice & Lumbering Baths, F. N. Dodd, Wm. R. Geary, A. P. Johnson and Harold Everhard. \$413.17
Nov. 9, 1914—S HOPKINS 18.38 E 14th Ave SE 67.16 W 32.75 NW 64.24 NE 23.4 SE 18.38, Okd. John P. Maxwell vs Perry Baird and W. A. Walker. \$72
Nov. 7, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Haines, Jones & Cadbury Co vs J. C. and Helena Kathryn Bowman, Oscar Sellers and Bay City Bldg Co. \$678.05
Nov. 7, 1915—NE TWENTY-SECOND and Filbert, Okd. Pacific Fuel & Bldg Material Co vs Union Ice Co and Andrew Wikke Co. \$1055.29
Nov. 12, 1914—LOT 25 North Christiana Tract, Albany. John P. Maxwell vs W. A. Walker, William C. Leverich and Mary W. Norton. \$110
Nov. 13, 1914—W BROADWAY 100 N 20th N 50xW 100, Okd. F. G. Jones vs R. J. McMillen, Henry Hauschildt and E. L. Mathewson. \$219.60
Nov. 14, 1914—LOT 1 on NE GRAND Ave and Cottage, Map Grand Ave Terrace, Okd. Pacific Fuel & Bldg Material Co vs J. H. Toler and Alfred Cords. \$19.90
Nov. 14, 1914—LOT 23 North Christiana Tract, Albany. F. W. Foss Co vs W. A. Walker, Karlin Johnson and E. V. Anderson. \$171.64
Nov. 16, 1914—W EIGHTH AVE, bet. E 18th and E-19th being No. 1535 8th Ave, Okd. R. H. and Francis and R. E. Conrad (Conrad Elec Co) vs R. N. Anderson. \$192.11
Nov. 16, 1914—SE MANOR DRIVE & Holly Place, being Lot 39 Map Piedmont Manor, Piedmont. James Rountree vs A. C. and Eva Davis. \$1688.60
Nov. 16, 1914—E ELSTON AVE 145 N E 33th N 40x E 100, Okd. Howard Co vs Charles Gienzier and A. P. Azavedo. \$116.35
Nov. 16, 1914—W THIRTI-ENTH AVE 370 S Brighton Ave S 40xW 165, Okd. Howard Co vs Cecelia Simpson and A. P. Azavedo. \$165.25
Nov. 17, 1914—LOT 1 Map North Christiana Tract, Albany. A. A. Story vs W. A. Walker, Karlin Johnson and E. V. Anderson. \$96
Nov. 17, 1914—LOT 18 BLK 4 Map of

Bkls 3 and 4, Berkeley Park, Bkly.	
Hogan Lumber Co vs D Santo and	
M G Barker.....	\$266.64
Nov. 18, 1914—LOT 26 BLK "L" Map	
4th Avenue Terrace, Okd. Howard	
Co vs Charles Geenzler and A P	
Azevedo	\$116.35
Nov. 19, 1914—LOT 107 Amended	
Map, Rhoda Tract, Okd. Powell	
Bros Constr Co vs A Hebel.....	\$32.15
Nov. 20, 1914—S-W ROSE & CURTIS	
W 190, xS 121.63, Bkly. George H	
Tay Co vs W J Jacobsen and Con-	
servative Bldg & Invest Co.....	\$263.35
Nov. 23, 1914—LOT Y Map Eucalyptus	
Hill Tract, Okd. John P Maxwell	
& T.S.S.; Olaf Tillmann, \$253; Carl	
Johnson, \$161 vs Torrence S Peterson,	
W E Dodge and First Savings	
Bank of Emeryville.....	
Nov. 25, 1914—W HARRISON 1260 N	
12th N 39XE 150, Okd. Burnham-	
Standford Co vs A K Percival and	
A Thomson	\$70.85
Nov. 25, 1914—LOT 4 BLK 9 Map	
Claremont Tract, Bkly. Union	
Floor Co vs J C and Helena K	
Bowman, Bay Cities Bldg Co, G D	
Patterson and P H White.....	\$217.88
Nov. 25, 1914—LOT 1 Map Eucalyptus	
Hill Tract, Okd. Union Floor Co	
vs W E Dodge, Torrence Peterson	
and 1st Savings Bank of Emery-	
ville	\$135
Nov. 27, 1914—LOT "Y" Map Eucalyptus	
Hill, Claremont, Okd. E K	
Wood Lumber Co, \$422.09; Sunset	
Lumber Co, \$669.45 vs W E and	
Elizabeth Dodge, First Savings	
Bank of Emeryville and T S Peterson	
.....	
Nov. 27, 1914—NE SIXTH AND SE	
West NE 10XSE 75, Okd. R E	
Moore vs F Depavio and Luigi	
Giachino	\$2350

SAN JOSE AND THE SANTA CLARA VALLEY.

BUILDING CONTRACTS.

SAN MATEO COUNTY.

RESIDENCE

"CAROLANS," Hillsborough. Interior lathing and plastering and exterior cement wall for three-story and basement reinforced concrete residence.

Owner.....Harriett Pullman Carolan, Hillsborough.

Architect...Willis Polk & Co, Hobart Bldg., San Francisco.

Contractor...C. C. Morehouse, Crocker Bldg., San Francisco.

Filed Nov. 21, '14. Dated Nov. 10, '14.

When completed..... 75%

Usual 35 days..... 25%

Fond, \$21,675. Surety, United States Fidelity & Guaranty Co. Limit, April 1, 1915. Forfeit, \$10 per day. Specifi-

cations can be secured from the engi-

neers.

LIBRARY—1 story and base, re-

forced concrete, \$10,000. Vacaville, S.

lano, Co., Cal. Architect, L. M. Tur-

ner. Plans have been completed a-

re now out for figures for this build-

ing. The building has been design-

ed in the classic style and will contain

one large reading room, stack room

and office of the librarian. Plans pro-

vide for a warm air system of heating.

There will be metal book stacks. In-

terior will be finished in pine with

maple floors. Some ornamental iron

specified. Exterior of the building will

be faced with cement plaster. Bids

will be opened on December 1st. Plans

and specifications can be secured from

the architect.

Co. Limit, March 30, 1915. Forfeit, \$10. Plans and specifications filed.

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT

Nov. 25, 1914—LOTS 15 AND 16 BLK	
140 Plat No. 1, South San Fran-	
cisco, South City Lumber & Supply	
Co, \$402.20; Bradley & O'Reilly,	
\$2407.15; A G Reed and M J White	
(Reed & White), \$1089.25; Steiger	
Terra Cotta & Pottery Works,	
\$710.17 vs Thos H Day's Sons and	
South San Francisco Land & Im-	
provement Co.	
Nov. 25, 1914—GRAND AND LINDEN	
Aves, South San Francisco. W P	
Fuller & Co, \$571.16; Pacific Mfg	
Co, \$1548.19; Victor Eng Co, \$328;	
Thos Day Co, \$350 vs South San	
Francisco Land & Impv Co and	
Henry L Day and Charles A Day..	
Nov. 24, 1914—GRAND AVE AND	
Linden, South San Francisco. The	
J Looney Co, \$1525; Haines, Jones	
& Cadbury Co, \$602.79 vs South	
San Francisco Land & Imp Co,	
Harry L Day and Charles A Day	
(Thos H Day's Sons) & J Looney	
Nov. 24, 1914—LOT 7 BLK 2 Con-	
cordia Homestead. J H Kruse vs	
Florence Strong and D Strong..	\$56.97

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Nov. 17, 1914—LOT 15 BLK "D" Sub	
2 Hayward Park, San Mateo. J	
Gallian to A Brisa.....	Nov. 10, 1914
Nov. 17, 1914—LOT 4 Embarcadero	
Sub, Redwood City. Pacific Gas	
& Elec Co to Duncanson-Harrelson	
Co, Inc.....	Nov. 10, 1914
Nov. 19, 1914—UPLANDS, Hillsbor-	
ough. Chas T Crocker to Inland	
Floor Co.....	Nov. 17, 1914
Nov. 19, 1914—COLUMBUS AVE AND	
Adeline Drive, Easton. C Fred-	
erick Kohl to Frederick W Snook	
Co.....	Nov. 13, 1914
Nov. 23, 1914—HILLSBOROUGH.	
(Addition to present residence.)	
Wm H Crocker to W A Goerick.....	Nov. 16, 1914

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RAILROAD CONSTRUCTION

Cost not stated. Benicia, Solano Co., Cal. Engineer's name not given. Owners, A. O. Bowen Co., S. F. Activities on the proposed Vallejo-Benicia railroad will be resumed at once, according to the statement made by a local newspaper. The paper makes the following statement: "The A. O. Bowen Company has announced that work will soon begin on the electric line from Benicia to Vallejo. It is said that the money to finance the undertaking, which, on account of the war, was not at first forthcoming, has been secured and nothing now stands in the way of the proposed road being put through at a very early date.

WHARF—Reinforced concrete and steel, \$260,000. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbets, Alaska Commercial Bldg., S. F. Owners City of Richmond. The wharf will be 700 feet long by 150 feet wide

and will be carried on concrete piles. There will be a steel shed basing railroad tracks and loading machinery. Plans are complete and figures are being taken. Bids will be opened on December 28th. Plans and specifications can be secured from the engineers.

LIBRARY—1 story and base, reinforced concrete, \$10,000. Vacaville, S. lano, Co., Cal. Architect, L. M. Turner. Napa. Owners, Vacaville Library Trustees. Plans have been completed and are now out for figures for this building. The building has been designed in the classic style and will contain one large reading room, stack room and office of the librarian. Plans provide for a warm air system of heating. There will be metal book stacks. Interior will be finished in pine with maple floors. Some ornamental iron specified. Exterior of the building will be faced with cement plaster. Bids will be opened on December 1st. Plans and specifications can be secured from the architect.

Contracts Awarded.

WHARF AND CHANNEL WORK. Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Work on a ferry system to handle all freight and traffic between Martinez and San Francisco will be started within ninety days, the contracts for the work having been let. The contracts awarded to the Western Reclamation Co. for the dredging of canal 2,000 feet long and 120 feet width, which will lead up to a wharf which will be 200 feet in length with a bulkhead 500 feet, giving in wharfage facilities of 700 feet at the company's holdings at the foot of Tenth street. The second contract was granted to the Pacific Construction Company for the erection of wharves at a contract price of \$17,500.

BRIDGES—3, concrete. Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bids opened by the Board of Supervisors for the building of three bridges on the first section of the State Highway from Pinole to San Pablo Bay show Karl M. Neilson of Martinez 1st at \$7,007 for all three structures. Following is a complete list of bidders and their bids: Karl M. Neilson, \$7,016, \$3,098, \$1,692; total, \$7,807. R. Moller—\$3,543, \$4,044, \$1,984; total, \$7,571. Ralph L. Gorrill—\$3,480, \$4,126, \$2,460; total, \$10,060. F. F. Moore—\$4,265, \$3,785; \$2,389; total, \$10,444. Pacific Construction Co.—\$3,850, \$4,244, \$2,691; total, \$10,785. G. Fields—\$3,114, \$3,564, \$2,146; total, \$8,224. D. McDonald, one bid only, acre Garry Flat, \$3,750. Henry Lays—\$3,361, \$3,970, \$2,616; total, \$9,982. C. Rogers, \$5,457, \$5,758, \$2,916; total, \$14,173. Blake Bros.—\$4,100, \$4,126, \$2,700; total, \$11,200.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

CANAL

ALONG AND ADJACENT TO PORTLAND of east bank of dredged canal lands of Ellis Landing and Dock in Richmond. Construction of timber wharves and bulkheads for canal. Owner.....Ellis Landing & Dock Co

Wednesday, Dec. 2, 1914.

BUILDING AND INDUSTRIAL NEWS

11

Engineer...Haviland & Tibbets,
Alaska Commercial Bldg.,
San Francisco.

Contractor.....

Filed Nov. 20, '14. Dated Nov. 2, '14.
On 15th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$.....

Bond, \$5000. Surety, United States Fidelity & Guarantee Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BRICK STORE

LOTS 8 AND 9 BLK 25, City of Richmond. Trimming of dirt trenches, concrete and cement work, brick cations only filed.

ROOFING AND SHEET METAL WORK on above.

Contractor...Forderer Cornice Works,
269 Potrero Ave., S. F.
Filed Nov. 21, '14. Dated Nov. 17, '14.
Payments same as above.....

TOTAL COST, \$10,000
Bond, \$5000. Surety, National Surety Co. Limit, Feb. 15, 1915. Forfeit, \$10 per day. Specifications only filed.

ORNAMENTAL IRON WORK ON above.

Contractor...Rudgeser-Merle Co., Bay & Stockton, San Francisco.
Filed Nov. 21, '14. Dated Nov. 17, '14.
Payments same as above.....

TOTAL COST, \$17,500
Bond, \$8,750. Sureties, A. E. Sharbore and O. Sharbore, Limit, March 15, 1915. Forfeit, \$10. Specifications only filed, and structural iron, plastering, plumbing, galvanized iron work, electrical work, painting and carpenter work for one-story brick store building.

Owner.....F. A. and E. Galds.
Architect...James T. Mariett, Berry Bldg., Richmond.

Contractor...M. B. Roberts.
Filed Nov. 6, '14. Dated Oct. 29, '14.
Brick work up to ceiling joists.....\$1045
Brown coat plaster on..... 1045
Completed and accepted..... 1045
Usual 35 days..... 1045
TOTAL COST, \$4180

Bond, \$2100. Surety, E. P. Allen. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

BRICK STORE

LOT 5 BLK 25, City of Richmond. Concrete, brick, carpenter, plumbing, plastering, painting, electric work, roofing, etc., and other work for one-story brick store building.

Owner.....August C. Lang.
Architect...James T. Narbett, Berry Bldg., Richmond.

Contractor...O. J. Dahl & R. I. Thompson.

Filed Nov. 27, '14. Dated Nov. 25, '14.
Brick walls completed and roof.....\$729
On 729
Completed and accepted..... 729
Usual 35 days not less than 25% 487
TOTAL COST, \$1945

Bond, \$1000. Sureties, W. H. Cann and Daniel Barton. Limit, 36 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED

Nov. 24, 1914—LOT 3 E Railroad Ave., City of Pittsburg. Julia Perry to Old Bros.....Nov. 11, 1914

ACCEPTED

LIENS RELEASED

CONTRA COSTA COUNTY.

RECORDED

Nov. 25, 1914—LOT 7 and E 1/2 Lot 6, Blk 25 Amended Map of Richmond E B Rendell to Laurence Transue\$117

AMOUNT

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED

Nov. 25, 1914—PTN LOTS 1, 2 AND 3 Blk 6 Amended Map No. 1, City of Richmond, E B Rendell vs Laurence Transue\$117

AMOUNT

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

COURT HOUSE GROUNDS, WALKS, ETC.—Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owners, Fresno County. Plans for beautifying the Court House grounds and constructing cement walks have been completed are now out for figures.

Bids will be opened on December 8th. Plans and specifications can be secured from the County Clerk at Fresno.

FIRE HOUSE—1 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, none. Owners, City of Richmond. Through a misunderstanding in the call for bids on the fire house building to be erected at 19th and Barrett, all bids were returned to the bidders, unopened. New bids will be called for on the work. The building will be of brick construction and will be known as Fire House No. 3.

PUMP PIT AND MACHINERY—Cost not stated. Reedley, Fresno Co., Cal. Engineer, City Engineer, Reedley. Owners, City of Reedley. Bids for the construction of a pump pit of concrete, 6x6x36 feet in size, the construction of a concrete building not less than 22x43 feet in size, with corrugated metal roof, and the installation of a pump and gas engine, have been submitted to the Trustees as follows:

Sampson Iron Works, Stockton, pit, 337; building, \$1,067; machinery, \$6,238; total \$7,642.

G. H. Blowers, pit, \$377.70; building, \$1,024.10; machinery, \$6,376.05; total, \$7,777.85.

Doak Gas Engine Co., Fresno, pit, \$110; building, \$1,060; machinery, \$6,606; total, \$8,076.

Power Equipment Co., San Francisco, pit, \$1,200; building, \$1,350; machinery, \$6,200; total, \$8,750.

California Hydraulic Engineering Co., Dinuba, pit, \$600; building, \$250; machinery, \$7,395; total, \$8,845.

Bowst & Stay, Reedley, pit, \$412.50.

C. E. Schroeder, Reedley, building, \$760.

All bids were referred to the City Engineer for report.

RESIDENCE

Same, \$5,000. Same, Fresno Co., Cal. Architects, Bowen & Davis, Fresno. Owner, R. L. Watkins. The dwelling has been designed for an eight room house with bath and sleeping porch. Interior will be finished in tile and redwood. Some hardwood floors and hardwood veneer will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile floor and wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$7,000. Fresno, Fresno Co., Cal. Architects, Bowen & Davis, Fresno. Owner, W. C. Wilcox. The dwelling will be erected in the Porter Tract and has been designed for a seven room house with two baths and sleeping porch. Interior finish will be of pine and blue gum with white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors will be used in the living room, dining room and reception hall. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BRIDGES AND SYPHON—Concrete construction. Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans have been completed and approved for the construction of three bridges and one siphon. The bridges will be erected over Main Canal of the Turlock Irrigation District, over lateral No. 2 of the Turlock Irrigation District and over Dry Creek, about one mile southeast of Montpellier. The siphon will be erected on the Keyes Road. Bids will be opened by the Board of Supervisors on December 15th. Plans and specifications can be secured from the County Surveyor at Modesto.

Contracts Awarded.

STREET PAVING—\$25,326. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, A. B. Munson & Son, Stockton. Contract price, \$24,326.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

FIRE HOUSE ADDITION—\$8,000.

Sacramento, Cal. Architect's name not given. Owners, Oak Park addition to Sacramento. The preparation of plans for additions to the Oak Park Fire Station, under which better sleeping accommodations will be provided for the men, as suggested in a recent recommendation of the Oak Park Business Men's Association, has been ordered by the City Commission. Additions to the building will cost about \$8,000.

LUMBER ROAD—Cost not stated. Stirling City, Butte Co., Cal. Engineer, none. Owners, Diamond Match Lumber Co., Stirling City. The Diamond-Match Lumber company will again resume minor operations by starting on the new standard gauge railroad which leads north from Stirling City toward Butte Meadows. The road will

up many thousand acres of the Diamond Match Company's nest timber.

RESIDENCE—2 story and base, frame, \$1,500 each. Sacramento, Cal. Owners, H. H. Bill, 3215 11th avenue, and E. Gravel, 3015 T street. These two houses have been designed for five-room dwellings with bath. Interiors will be finished in pine and redwood. Some oak floors will be used. Each living room will have a tile mantel and open fire place. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor. Materials are now being purchased.

SCHOOL, FIRE ESCAPES—Cost not stated. Oroville, Butte Co., Cal. Architect, none. Owners, Town of Oroville. The Board of Education has decided to have plans prepared immediately for equipping the grammar school with fire escapes. The action was taken following a protest lodged by the Grand Jury against the failure of the Board of Education to so equip the building.

ROAD WORK—\$15,000. Castella, Shasta Co., Cal. Engineer's name not given. Owners, Trinity Asbestos Mining Co. Castella. The Trinity Asbestos Mining Co. will start men at work at once building a road from the asbestos mines over the line in Trinity County to Castella, the nearest railroad point. The road will be twenty miles long and will cost \$45,000. The surveys made years ago are available.

RESIDENCE—2 story and base, frame. Cost not stated. Dinuba, Tulare Co., Cal. Architects, Bowen & Davis, Fresno. Owner, Mrs. Charles B. Driver. The dwelling has been designed for a 7-room house with two baths and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are being prepared.

LODGE HALL—5 story and base, Class A construction, \$100,000. Sacramento, Cal. Architect, A. R. Herold, Forum Bldg., Sacramento. Owners, Masonic Building Association of Sacramento. The building will be erected at the northwest corner of 12th and J streets, and will cover a large ground area. The first floor will be given over to stores. Upper floors will be arranged for quarters of nineteen Masonic Lodges. Interior finish will be of pine and hardwoods with special decorations in ornamental plaster, art glass and tapestries. There will be a complete steel frame, concrete and brick exterior walls, faced with pressed brick, stone and terra cotta. A loan of \$200,000 has been raised and construction will be started on approval of the plans.

BRIDGES—Timber construction. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans prepared by the County Surveyor for the construction of two wood bent bridges on the Tehama Cemetery Road have been adopted by the Supervisors, and bids for their construction will be taken until December 9th. Plans to-

gether will full information may be had from the County Surveyor at Red Bluff.

Contracts Awarded.

BRIDGE—Steel and concrete, \$2,674. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor Red Bluff. Owners, Tehama County, Contractors, C. E. McCartney and F. Haskell, Red Bluff. Contract price, \$2,674.

BUILDING CONTRACTS. SACRAMENTO COUNTY.

REPAIRS

LOT 26 T STREET COURT, No. 3112 T St., Sacramento. Repair interior and build pergola porch on front.
Owner.....J. E. Tempest, Premises.
Architect...None.
Contractor, Chatterton Bros., 3126 T St., Sacramento. COST, \$400

SERVICE STATION

NO. 1130 C ST., N ½ Lot 4, C, D, 11th and 12th Sts., Sacramento. Gasoline service station.
Owner.....Huson & West, 823 J St., Sacramento.
Architect...None.
Day's work. COST, \$350

SERVICE STATION

NO. 2160 M ST., N ½ Lot 1, M, N, 21st and 22nd Sts., Sacramento. Build gasoline service station.
Owner.....Huson & West, 823 J St., Sacramento.
Architect...None.
Day's work. COST, \$350

ALTERATIONS

THIRTY-FIRST AND M STS., on 893 acres E of 31st Street, Sacramento. Place patent flues in 15 dwellings.
Owner.....Libby, McNeil & Libby, Chicago, Ill.
Architect...None.
Contractor, J. J. Nevells. COST, \$—

DWELLING

NO. 3242 S ST. COURT, on Lot 37 Mier & Sowell High School Tract, Sacramento. Six-room and basement dwelling.
Owner.....Samuel Dunn, 3115 T St., Court, Sacramento.
Architect...None.
Contractor, Chatterton Bros., 3126 T St., Sacramento. COST, \$3500

DWELLING

NO. 3244 T ST., Lot 38 Mier & Sowell High School Tract, Sacramento. Five-room dwelling.
Owner.....C. H. Chatterton, 3122 S St., Sacramento.
Architect...None.
Contractor, Chatterton Bros., 3126 T St., Sacramento. COST, \$2500

DWELLING

NO. 2305 THIRD AVE, on Lot 105 West Curtis Oaks, Sacramento. Seven-rooms and bath dwelling.
Owner.....H. C. and Ida Watson, 3505 Cypress, Sacramento.
Architect...None.
Contractor, Barton & Hite, 1006 9th St., Sacramento.
Filed Nov. 23, '14. Dated Nov. 23, '14. COST, \$2015

WILKIE

GRAND ISLAND, 2 1-10 miles below Town of Ryde. Erection of wharf.
Owner.....Pratt-Low Preserving Co. Architect...None.
Contractor, Darby Laydon, 1523 Golden Gate Ave., S. F. COST, \$1636.50

RESIDENCE

N 40 FEET LOT 15 AND 16, Sunset Addition Robert Powell & Co., Sacramento. Five-room and bath residence.
Owner.....W. T. Foster, 35th and Cypress Ave., Sacramento.
Architect...None.
Contractor, Robert Powell & Co., 2811 T St., Sacramento. COST, \$1600

ADDITION

NO. 1013 L ST., on N 50 feet of E 50 feet Lot 7, K, L, 10th and 11th Sts., Sacramento. Brick addition.
Owner.....Archibald M. Mull, Prem.
Architect...None.
Contractor, A. Stroughton. COST, \$1500

ALTERATIONS

NOS. 316-318 K ST., on W ½ Lot 3, K, L, 3rd and 4th Sts., Sacramento. Place plate glass store front and build show space.
Owner.....Wright & Donnelly, Prem.
Architect...None.
Contractor, Barton & Hite, 1006 ½ 9th St., Sacramento.
Filed Nov. 23, '14. Dated Nov. 11, '14. COST, \$1285

FRAME BUILDING

TOWN OF PERKINS. One-story frame building.
Owner.....John Silva.
Architect...None.
Contractor, George Jacobs, 1214 9th St., Sacramento.
Filed Nov. 25, '14. Dated Nov. 25, '14. COST, \$2175

RESIDENCE

MARSHALL AVE near 7th Ave on Lot 6, Marshall Court, Sacramento. Five room residence.
Owner.....B. H. Bill, 3215 4th Ave., Sacramento.
Architect...None.
Day's work. COST, \$1500

ALTERATIONS

NO. 825 J ST., on S ½ of W ¼ Lot 5, I, J, 5th and 9th Sts., Sacramento. Alterations and additions to store building.
Owner.....Amelia R. Barnard and Anna Levy by H. A. McClelland, Agents, 620 J St., Sacramento.
Architect...None.
Contractor, Edw. W. Book, 2912 D St., Sacramento.
Filed Nov. 21, '14. Dated Nov. 20, '14. COST, \$1025

ALTERATIONS

NOS. 618-620 J ST., E 40 feet of W 60 feet Lot 3, J, K, 6th and 7th Sts., Sacramento. Place marble part and remodel store building.
Owner.....Mrs. Anna E. Peterson by George Bryte, Agt, 423 11th St., Sacramento.
Architect...C. C. Cuff, 530 Ochsner, Sacramento.
Contractor, Ed. W. Book, 2912 D St., Sacramento. COST, \$930

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Sutter 2622

615 Phelan Building, San Francisco

ALTERATIONS

S 50 FEET LOT N. O. 7TH & 8TH STS.,
Sacramento. Alterations in tenement
house.

Owner.....August Rueding, 1415 7th
St., Sacramento.

Architect...None.

Contractor...F. A. Holdener, 522 1/2 M
St., Sacramento.

COST, \$300

RESIDENCE

SE LOWER STOCKTON ROAD AND
First Ave on W 51 feet N 44 feet Lot
12, Oak Grove Trct., Sacramento. Five
room residence.

Owner.....E. Gravel, 3015 T St., Sacra-
mento.

Architect...None.

Day's work. COST, \$—

ALTERATIONS

NO. 1022 THIRD ST., N 60 Lot 5, J. K.
2nd and 3rd Sts., Sacramento. Tear
out frame work build new porches,
etc.

Owner.....D. A. M. E. Gowan, 821 J
St., Sacramento.

Architect...None.

Day's work. COST, \$800

GARAGE

NO. 2321 H ST., on E 30 ft. Lot 6, G.
H. 23rd and 24th Sts., Sacramento.
One-story garage.

Owner.....Angelo Florenz.

Architect...None.

Contractor...Chas. Vanina, 2022 M St.,
Sacramento.

COST, \$300

ALTERATIONS

NO. 1900 F ST., on 1/2 of W 1 1/2 Lot 1 BIK
F, G, 19th and 20th Sts., Sacramento.
Remodel two-story frame residence
into four flats.

Owner.....James F. Green, 1900 T St.,
Sacramento.

Architect...None.

Contractor...A. W. Morris, 409 21st St.,
Sacramento.

COST, \$2615

FRAME RESIDENCE

G ST., bet. 40th and 41st on Lot 34 Mt.
Clair Tract, Sacramento. All work
for six-room frame residence.

Owner.....Frank T. Stewart, 1317
24th St., Sacramento.

Architect...None.

Contractor...W. J. Frazer, 615 Mt. Clair
Ave., Sacramento.

COST, \$1800

COMPLETION NOTICES.

SAN JOAQUIN COUNTY.

RECORDED

ACCEPTED

Nov. 21, 1914—BLK RDED BY SAN



Veneered Panels that
ARE good—order
today from

White Brothers

5th and Brannan Streets

San Francisco

Panels of proven Quality-- Wybro

WYBRO Panels have been used and
tested time and again. They are of
proven quality.

They have proven to be panels that
there are no better ones made than
the WYBRO that is why WYBRO
Panels are great repeaters.

Joaquin, Hunter, Mariposa and
Mendocino Sts., Stockton. Stock-
ton School District to W Morgan
& Co. Nov. 11, 1914

LOS ANGELES AND SOUTHERN CALIFORNIA.

BANK—2 story and base, brick and
steel, \$20,000. Hermosa Beach, Los
Angeles Co., Cal. Architect, L. B.
Pemberton, Auditorium Bldg., L. A.
Owners, First Bank of Hermosa Beach.
The building will be erected at the
corner of Pier and Hermosa avenues,
and will cover a ground area of 56 by
95 feet. The design is in the classic
style. The main floor will contain the
banking rooms, several stores and of-
fices for the Pacific Electric Railways.
Interior finish will be of pine and
hardwood with some ornamental plas-
ter in the banking room. Special coin
and safe deposit vaults will be in-
stalled. Exterior of the building will
be faced with pressed brick. Plans
are now being prepared.

CHURCH—1 story and base, frame
and brick. Cost not stated. Oxnard,
Ventura Co., Cal. Architects, L. B.
and A. L. Valk, Stimson Bldg., L. A.
Owners, Methodist Episcopal Church.
The building will cover an area of 65
by 95 feet, and will contain sixteen
class rooms besides the main auditor-
ium and study. Interior will be fin-
ished in pine and ornamental plaster.
A central heating system will be in-
stalled. White asbestos roof will be
used. Exterior of the building will
be covered with cement plaster. Plans
are complete and have been turned
over to Rev. Oliver Taylor, Pastor,
who is now taking figures on the work.

SCHOOL—1 story and base, hollow
tile construction, \$85,000. Los An-
geles, Cal. Architect, Robert M. Taylor,
Marsh-Strong Bldg., L. A. Owners,
Clenean School District. The sketches
which were adopted by the board pro-
vide for a one-story and basement
building to contain eight class rooms,
auditorium, kindergarten, sloyd and
domestic science departments, etc. It
will be of interlocking tile construction
with plastered exterior and the
roofing. Working plans for the build-
ing will be prepared as soon as bonds
are sold.

ORNAMENTAL LIGHTING SYSTEM
—Cost not stated. Riverside, River-
side Co., Cal. Engineer, City Engi-
neer, Riverside, Owners, City of River-
side. bids for the construction of an
ornamental lighting system on Main
street, between First and Eighth, will
be received by the City Council on
December 15th

FUTFALL, SEWER—Cost not stat-
ed. Holtville, Imperial Co., Cal. En-
gineer, City Engineer, Holtville. Own-
ers, City of Holtville. bids opened for
the construction of an outfall sewer
in the Voorman Tract show Doyle
Pros. low at \$1,175, and Wilson &
Spicer next at \$1,925. Both bids were
taken under advisement.

Contracts Awarded.

RESIDENCE—2 story and base
frame, \$20,000. Hollywood, Los An-
geles Co., Cal. Architects, Mend & Requa,
533 F street, San Diego. Owner, Mr.
V. Knudson. Contractor, Charles H.
Richmond, 65 Henne Bldg., L. A. Con-
tract price, \$20,000.

LATERAL SEWERS—Cost not stat-
ed. Holtville, Imperial Co., Cal. En-
gineer, City Engineer, Holtville. Own-
ers, City of Holtville. Contractors,
McLean & Walsh, Holtville. Contract
price, \$21,243.58.

PORTLAND AND OREGON.

BRIDGE—Steel and reinforced con-
crete, \$1,750,000. Portland, Ore. En-
gineers, Howard & Harrington, Portland.
Owners, Multnomah and Clatsop Coun-
ties. bids for the erection of the pro-
posed interstate bridge to be built be-
tween Portland and Vancouver, Wash-
ington, will probably be authorized at
an early date. Funds in the sum of
\$250,000 have been disposed of by
Multnomah and Clatsop Counties. Ac-
cording to Commissioner Litchner the
commission will ask for bids on units
of the work, instead of a general con-
tract. E. E. Howard, associated with
Mr. Harrington, is due to arrive in
Portland shortly with the completed
plans of the bridge. The structure
will cost about \$3,500,000.

SCHOOL—2 story and base frame or
hollow tile, \$55,000. Portland, Ore. Ar-
chitect, F. A. Naramore, Portland.
Owners, City of Portland. The build-
ing will be of hollow tile or frame con-
struction and will have a cement finish.
A steam heating plant will be in-
stalled. Plans will provide for a num-
ber of class rooms, play room, gymna-
sium and offices for teacher's quarters.
The work will be completed in about two months.

POST OFFICE—Plans and base
semitrigger construction. Cost not stat-
ed. Madrona Trct. Architect, San
Francisco. City Engineer, Portland.
Washington D. C. Engineers, Federal
States Government. Contract price, \$100,000.
Engineering Co., Portland, Ore. The
plans are the property of the post
office and will be prepared by the
Madrona Trct. The building will be three
stories in height and will be of frame
construction.

and will be of semidproof construction, exterior being finished with stone. The building will cover an area of 20x58 feet.

MARKET BUILDING—2 story and base, reinforced concrete, \$100,000. Portland, Ore. Architect's name not given. Owners, Frye-Bruhn Co., South Seattle. The building will cover an area of 50x100 feet. Construction will probably be of reinforced concrete. Plans for the building will be prepared under the direct supervision of Mr. Frye in the company's offices at Seattle. It is expected that plans for the building will be completed in about thirty days, when bids on the work will be called for.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$121,575. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland, Contractors, Boyajohn-Arnold Co., Panama Bldg., Portland. Contract price, \$121,575.

ALMORY—2 story and base, concrete and brick, \$37,333. Eugene, Ore. Architects, Hunzicker & Presue, Eugene. Owners, State of Oregon. Contractor, C. Van Patten, Salem, Ore. Contract price, \$37,333.

SEATTLE AND WASHINGTON.

BRIDGE—Steel leaf, bascule type, City Engineer A. H. Dimock, Seattle. Owners, City of Seattle. The structure will have a span of 400 feet with two approaches 1,800 feet 1,200 feet respectively, and will be 40 feet wide, providing for two electric car tracks, two roadways and two 6-foot sidewalks. It is planned to let the work in three contracts, one for the approaches, one for the two concrete piers and the other for the steel span and lift. It will take about one and one half years to complete the work. Bids for the work will be called on the approval of the plans by the Department of Works.

CHURCH—1 and 2 story and base, concrete and brick, \$85,000. Seattle, Wash. Architect, W. S. Bell, associated with H. O. Shuey, Hoge Bldg., Seattle. Owners, University Place Christian Church of Seattle. The building will be erected at the corner of East 15th street and 50th avenue, and has been designed in two units, only one of which will be erected at this time. The first unit will contain the main auditorium and will seat 1,200 people. The second unit, which is to be erected later, will contain the Sunday school rooms, study and social hall. Interior finish will be of pine and ornamental plaster. A steam heating system will be installed. Exterior of the building will be faced with pressed brick. Plans for the first unit are nearly complete and figures will be called for shortly.

PIPE LINE, ETC.—\$220,000. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. An ordinance for making a survey for the construction of a pipe line from Cedar River to West Seattle has been recommended to the City of Seattle by the City Utilities Committee. The ordinance provides not only for a pipe line survey, but for a survey of Swan Lake for use as a reservoir. The pipe line has been estimated as costing about \$220,000—\$55,000 from the Cedar River to Swan Lake and \$165,000 from Swan Lake to West Seattle. It is not pro-

posed to convert Swan Lake into a reservoir at this time.

SEWER WORK—\$325,000. Vancouver, B. C. Engineer's name not given. Owners, Vancouver and District Joint Sewerage and Drainage Board. The Vancouver and District Joint Sewerage and Drainage Board has authorized their engineer to proceed at once with the plans for the proposed Clark trunk sewer. It is the intention of the board to start work as soon as possible on this portion of the proposed sewerage system, which will cost about \$325,000. The board will consider the advisability of doing the work by Day Labor.

WAREHOUSE—7 story and base, reinforced concrete, \$150,000. Seattle, Wash. Engineer, Chief Engineer West, Port of Seattle Commission. Owners, City of Seattle. Bids on the work will be called for early in December. Construction will be of concrete and hollow tile. Separate contracts to be let in this project include the cement for the above building, 121x172 feet, 1 story frame fish storage building, plans for which will be ready next month, a 40x121 frame ice storage house of 5,000 tons capacity. This building will be 50 feet high. The project also calls for a compressor and ice plant building, part of which will be two-story of fireproof construction, 100x108 feet, costing about \$15,000. The ice storage and fish building may be let in one contract at a cost of about \$35,000. The above figures do not include the cost of machinery, which will run the entire cost of the project close to \$400,000. Mr. West reports that specifications for grain elevator machinery will be ready sometime next week.

LODGE HALL AND STORES—4 story and base, reinforced concrete, \$100,000. Tacoma, Wash. Architects, C. Frere Company, Henry Bldg., Seattle. Owners, Tacoma Elks' Hall Association. The building will have a frontage of 75 feet and a depth of 112 feet. A large assembly hall and auditorium will be features of the lodge rooms. The ground floor of the building will be used for stores. Interior will be finished in pine and hardwood with hardwood floors in the auditorium and assembly hall. Plans provide for steam heat, vacuum cleaning system and hot water supply. Exterior of the building will be faced with cement plaster or pressed brick. Figures are being taken on both propositions.

APARTMENT HOUSE—5 or 6 story and base. Class A construction. Cost not stated. Seattle, Wash. Architects, J. L. Putman, associated with W. M. Somervell, White Bldg., Seattle. Owners, J. L. Putman and associates. The building will be erected at the southwest corner of Harrison and Federal streets on property covering a large ground area. Details of the building have not been worked out, but Mr. Putman assures us that the building will be one of Seattle's largest and most modern apartment houses. Construction will be fireproof. Further mention will be made of the work.

BIDS OPENED FOR RETAINING WALL AT LOCKWOOD SCHOOL.

Four sets of figures were received by the Oakland Board of Education for constructing a large reinforced concrete retaining wall at the new Lock-

wood School in Oakland. Nissen Bros. of Oakland submitted the lowest figure at \$7,818 and will probably be awarded the contract. All bids have been referred to the City Attorney. Following bids were received:

Retaining Wall at Lockwood School.
Nissen Bros. \$ 7,818.00
F. Rolandt 10,600.00
C. B. Burnham 10,965.00
Powell Bros. Constr. Co. 9,721.13

SHIP YARD DESTROYED BY FIRE.

The ship yard of George W. Kneass, 18th and Illinois streets, has been destroyed by fire, entailing a loss estimated at \$70,000. Four one-story frame buildings and a large stock of lumber was also burned. Heroic work of the fire department checked the flames from sweeping the plant of the Union Iron Works.

A character in one of Red Saunders' stories remarked that he always liked to hear a certain cowboy, named Jim Smith, sing. He said that it made him forget his troubles. That when a fellow got hit on the head with a two-by-four he didn't mind trifles. So it is in the present war. Society has been hit on the head with a two-by-four and is trying to come out of unconsciousness and as a consequence everything is at stand still.

But things will adjust themselves under almost any circumstances. France bearing the burden of a hostile invasion, and the greatest war in the history of the world announces that she will be represented at the Panama-Pacific Exposition. And we may confidently expect that business will adjust itself even though the war continues. Already this country is preparing to adopt measures for the manufacture of products which were formerly imported altogether. And the tendency is to meet conditions as they exist rather than to wait for things to turn up.

TO INSTALL BOILERS.

Mary L. Phelan has made application with the Supervisors through the Scott Co., 243 Minna street, for a permit to install a 1500-gallon oil storage tank at the north line of Washington street 137½ feet east of Laguna.

The San Francisco Investment Co. has filed application with the Supervisors for a permit to install and maintain a 1500-gallon boiler at the east line of Leavenworth 125 feet south of Geary.

The Boesch Lamp Company, 1135 Mission street has filed application for a permit to install a six-horse power boiler on their premises for heating plating solution and hot water for cleaning purposes.

WAR TAXES.

Documentary Taxes Effective December 1, 1914.

The following stamp taxes are in effect on and after December 1, 1914, to continue until January 1, 1916. These documentary stamps may be procured at the office of the Collector of Internal Revenue in San Francisco or at the stamp offices located in Oakland, Sacramento and Fresno:

Schedule A.—Documentary.

Bonds, debentures, or certificates of

debtedness of any association, company, or corporation, on each \$100 of face value or fraction thereof, \$.05.
On each original issue of certificates of stock, whether on organization or organization, on each \$100 of face value or fraction thereof, .05.
On all sales, agreements to sell, memoranda of sales, deliveries or transfers of shares, or certificates of stock of any association or corporation, on each \$100 of face value or fraction thereof, .02.
Upon each sales, agreement to sell, agreement of sale of any products or merchandise at any exchange or board of trade, or other similar place, whether for present or future delivery, on each \$100 in value of sale said, .01.
And for each \$100 or fraction thereof in excess of \$100, .01.
Promissory notes, and for each renewal, for a sum not exceeding \$100, .02.
For each additional \$100 or fraction thereof, .02.
Bills of lading, manifests, etc., issued by express companies or public carriers, etc., .01.
Bonds, except those required in legal proceedings, .50.
Certificates of profits or certificates or memoranda showing interest in the property or accumulations of any association, company, or corporation, and all transfers thereof, on each \$100 of face value or fraction thereof, .02.
Certificate of damage or otherwise and all other certificates or documents issued by port warden or marine surveyor, .25.
Certificates of any description required by law, not otherwise specified, .10.
Contract; Broker's note, or memorandum of sale of goods or merchandise, stocks, bonds, exchange, notes of bank, real estate, or property of any kind, issued by brokers, etc., for each note or memorandum of sale not otherwise provided for in act, .10.
Conveyance; Deed, instrument, or writing conveying lands, tenements, or other realty, etc., value over \$100 and not exceeding \$500, .50.
For each additional \$500 or fraction thereof, .50.
Entry of goods, wares, or merchandise in customhouse, not exceeding \$100 in value, .25.
Exceeding \$100 and not exceeding \$500, .50.
Exceeding \$500 in value, \$1.00.
Entry for withdrawal of goods or merchandise from customs bonded warehouse, .50.
Insurance, marine, inland, and fire (except purely co-operative or mutual) lightning or other peril on each policy, or renewal on amount of premium charged on each \$1 or fractional part, .004.
Insurance, fidelity, and guarantee on each policy, on each \$1 or fractional part thereof premium received, .004.
Passage tickets by any vessel from the United States to a foreign port, costing not exceeding \$30 (tickets costing \$10 or less exempt), \$1.00.
More than \$30 and not exceeding \$50 \$3.00.
More than \$50, \$5.00.
Power of attorney or proxy for voting at a selection of officials of any incorporated company or association, except religious, charitable, literary societies, or public cemeteries, .10.
Power of attorney to sell or convey

real estate or to rent or lease the same, to collector or receive rent, to sell or transfer stocks, bonds, etc., .25.

Papers used in the collection of pension, back pay, or bounty claims, or claims for property lost in military or naval service are exempt.)

Protest: Upon the protest of every note, bill of exchange, acceptance, check, or draft, or any marine protest, .25.

Telephone and telephone messages: Every person, firm, or corporation operating any telegraph or telephone line or lines is required to make a sworn statement to the collector of the number of messages or conversations transmitted over their lines during preceding month for which a charge of 15 cents or more was imposed, and for each such messages or conversations to pay a tax of .01.

On seats in palace or parlor cars and berths in sleeping cars (to be paid by the company selling the same) .01.

Respectfully,

JOSEPH J. SCOTT, Collector.

RENO BUILDING ACTIVE.

RENO, Nevada.—Seventy-two buildings have been erected in Reno during the summer at an average of \$3,000. The construction of two large business blocks brings the total cost of the structures up to \$222,140.

Wool growers tures want protection. Wool growers Hearst states that he does not wish to criticize the President or Secretary Bryan but warns against us taking up the side of Great Britain in the present war. It would be interesting to see if Hearst could be on the same side of any question on any two days out of the 365 days in the year. He does not question the veracity of the President or the Secretary of State but he invents a lot of things that he accuses them of and has the colossal effrontery to try to make people believe them.

Vodka, and now finally even beer abolished in Russia; total abstinence enforced on every licensed navigating officer on the Panama canal, and even in California every commentator on the "wet" victory warning the saloons that it was not their victory—the time has evidently come when the saloons will be regulated. And if the doggeries are not put out of existence and the liquor business conducted under the strictest regulations the probabilities are that it will go out of existence altogether. For it is being judged by the harm it does and if that side of the question is not looked after by the people interested in the business it will be regulated by the people generally.

Apartment houses in the city are the most common buildings that are encountered. The builders' art is being taxed to its utmost to devise living apartments in as small a space as possible. The modern city is like a bee hive, each individual and family living in his little cell and the old time home is well nigh forgotten.

With our delightful climate one thing is lacking in the home and in the cities generally. And that is the open fire place. In the winter season and at Christmas nothing is so cheerful in the home as the open fire. And the question is often discussed in the magazines about the lack of what the

people call the "home fire." And what we have done is to take away every life worth anything from the people and the putting of the fire out and give this as one of the causes.

Some poet has said that in the wood fire is the soul of the home. It was so in the old days. The open fire place and the rallying place of the whole family. Each evening in winter and in late fall and early spring the members gathered about the open fire place and sat there in a circle, and some of the neighbors generally dropped in to add to the enjoyment of the evening.

There was an attraction and an inspiration in the crackling of the burning wood, in the drooping park, in the upreaching flames and the great warmth that spread outward from it. The most charming music that came to men and women at the evenings spent before a blazing wood fire, either in their homes or in the home of a neighbor. Boys and girls learned their school lessons there, as Lincoln did, lying on the broad hearth stones. There was awakened in their breasts the first appreciation of music, when a neighbor would drop in with his violin and play "Money Musk" or "Boney Crossing the Alps." There they might hear a hero of Waterloo fight that battle over, using the point of his cane to map upon the flag stones of the hearth the plan of battle. There they gathered just before bedtime each night to hear grandfather read a chapter from The Word and there they knelt in prayer at least twice a day.

The influence of the fireplace has spread like the ripples from a stone dropped into still water out into many lives in many lands.

Now there are few homes that have a fireplace. The open hearth has given place to the hot air and the hot water and the steam register and to the base-burner. In the modern home there is no family gathering place, no rallying point where ideas can be exchanged, where the young may sit and gather experience and lessons in morality and right living as they listen to the conversation of their elders.

With the going out of the open fireplace, with its cherry wood fire, and the coming in of the air tight stove did there not go out some of that fine family spirit that made a God loving and neighbor loving people, and did there not come in some of that spirit of selfishness and of irreverence toward the finer moralities of life about which the thinkers of this country are writing now?

PRIVATE INTERESTS THAT SEEK TO PROMOTE WAR.

In behalf of peace, which he ably and tirelessly champions, Dr. David Starr Jordan makes this excellent suggestion:

First of all, as an immediate program, I would have our own and take out insurance against war by taking out of the hands of those who make money from arms the business of making arms.

If we must go ahead killing and making tools to fight, then let the Government make the tools and the private manufacturer keep his hands empty diplomatically. Let us make war sentiment to sell the tools.

And this applies to every Nation in Germany, England, France, etc. Their arms makers are the real promoters of the war party in this Nation.

If report be correct, this is especially true of Germany, for the Kaiser is said to be a large stockholder in the great Krupp works, whose principal output is big guns.

But in the United States and the other countries named there are private plants producing gunpowder, armor-plate and other war material, and also shipbuilding concerns engaged chiefly in the construction of war vessels.

Americans may deem it scandalous that Emperor William makes money out of the manufacture of guns and other equipment of war. But it is no less contrary to public morals that the Powder Trust for many years has been represented in the United States senate by Henry A. Du Pont of Delaware.

Senator du Pont is a member of the Committee on Coast Defenses; also a member of the Committee on Military Affairs.

There is a particular significance in Senator Du Pont's membership in the last-named committee, in view of the obvious fact that it frequently has to deal with the question whether gunpowder for the Army and Navy shall be made in Government mills or bought from the Powder Trust—a concern in which Senator Du Pont is heavily interested and which ever bears his name.

It is as if the Krupp Works were known as the Kaiser Wilhelm Gun Factory!

As for the Steel Trust, greatly interested financially in the making of armor for war vessels, and also our shipbuilders who profit by construction of warships in private yards, are they not well represented in both Houses of Congress—not directly but indirectly?

For a number of reasons, including the promotion of peace, all military and naval construction should be in the hands of the Government, even if the cost were increased.

But it is reasonable to suppose that an actual saving could be effected by Government construction.—Sacramento Bee.

THE WAR AND OUR TRADE WITH INDIA.

[Consul Jose de Olivares, Madras, September 15.]

The complete stoppage, due to the present European war, of the extensive import and export trade between South India on the one hand and Germany and Austria on the other, coupled with existing export prohibitions on the part of all countries at war, has resulted in creating an opportunity for largely increased trade between this country and the United States. The only obstacle presented is the insufficiency of shipping facilities, which, on this side of the world, are almost entirely wanting. The measure wherein the United States may hope to profit by existing trade opportunities, therefore will depend largely upon its preparedness in regard to shipping.

Among articles to be treated as conditional contraband, under the royal proclamation published by the Madras Government, September 15, 1911, were the following: Foodstuffs, clothing,

and vehicles suitable for use in war, money, vessels and boats, railway and telegraph material, fuel, barbed wire, horseshoes, field glasses, and nautical instruments.

American Goods Wanted.

The following list indicates American commodities for which an increased market is offered in southern India:

Vehicles, hardware, and metals.—Engineers' valves and brass foundry; small engineers' and carpenters' tools; locks; bolts; iron cooking utensils; enameled ware; hollow ware; aluminum ware; oil stoves; water filters; wire nails; barbed wire; galvanized woven wire; iron and steel tubes, pipes, and bars; continuous galvanized iron; zinc sheets; ingots, and boiler tiles; aluminum sheets, circles, bars, and ingots; iron and steel; cutlery; pocket-knives; scissors; brass; copper; yellow metal (copper and spelter); fire clay; Portland cement.

Machinery, electrical supplies, lamps.—Woodworking machinery; lathes; saws; agricultural machinery; plows; drills, rice and grain mills; gasoline engines; well-boring plants; hand and power pumps; leather belting; cotton-mill machinery; rubber-working machinery; textile machinery; sewing and knitting machines; mining machinery; prospecting plants, railway equipment; locomotive engines, tenders, and parts; tramcar trucks, dynamos, electric pocket lamps; metal lamp ware; glass lamp chimneys and globes; incandescent lamp mantels.

Painters' materials, ceramics, etc.—White and red lead; white zinc, terra cotta ornaments; crockery; plain and fancy table glassware.

Furniture.—Bentwood furniture; perforated chair seats, linoleums and mouldings.

A LINE RECORD.

The manufacture of lime in the United States in 1913 broke all previous records, the production amounting to 3,595,390 short tons, valued at \$14,648,362, according to R. W. Stone, of the United States Geological Survey. This was an increase over 1912 of 65,928 tons in quantity and of \$678,248 in value. The average price per ton in 1913 was \$4.07, as compared with \$3.96 in 1912 and \$4.03 in 1911. While Pennsylvania is the largest producer, the output of this state is only 2.36 per cent of the total, indicating the wide distribution of the industry; in fact, 44 states reported to the survey a production of lime in 1913.

Lime used in building operations represents nearly a third of the total output, but large quantities are sold to chemical works, sugar factories, tanneries, etc., as well as to farmers for broadcasting on agricultural land.

THREE-STORY APARTMENT HOUSE FOR WESTERN ADDITION.

Work will be started next Monday on a three-story apartment house on the north-west corner of Devisadero and O'Farrell streets, size of lot 80 by 87-6. Old improvements were removed during the last week. J. D. Isaacs is the owner of this property, and plans were prepared by J. C. Hladik, architect, Chas. Wright, contractor.

The building will contain five stores and very attractive lobby on the first floor, and 58 rooms on second and third

Time Table.

Oakland, Antioch & Eastern Railway.
LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only.
	Carries Parlor Observation Car.
11:00A	Sacramento, Pittsburg, Bay Point.
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg, Bay Point.
1:40P	Concord and Way Stations.
2:00P	Sacramento, Pittsburg, Bay Point.
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & Way Stations.



**OAKLAND,
ANTIOCH
& EASTERN
RAILWAY**

Key Route Ferry, Phone Suter 2339.
Red Line Trans. Co., S. F. People's Express Co., Oakland.

Floors divided in two and three-room suites. The equipment will be thoroughly modern including wall beds, dressing rooms, built in ice chests, coat closets, ironing boards, wall seats in bath rooms, and the latest steam and water heating plant. The exterior will be in massive Mission style with flower boxes for each apartment and in both open courts. The total investment will represent a sum of almost \$60,000.

IN THE WAKE.

A striking cartoon represents "War" in shining armor, with "Want," "Famine" and "Pestilence" stalking gauntly in the wake of war.

A striking image—and, oh! so old and so ever-true!

Witness:—

"And I saw, and behold a white horse, and he that sat thereon had bow; and there was given to him crown: and he came forth conquering and to conquer."

"And another came forth, a red horse; and to him that sat thereon it was given to take peace from the earth, and that they should slay one another; and there was given unto him a great sword."

"And I saw, and behold, a black horse, and he that sat thereon had balance in his hand. And I heard a voice in the midst of the four living creatures saying, A quart of wheat for a shilling; and three quart of barley for a shilling; and the oil and the wine hurt thou not."

"And I saw, and behold, a pale horse, and he that sat upon it, his name was Death; and Hades followed with him. And there was given unto them authority over the fourth part of the earth, to kill with sword, and with famine, and with pestilence, and with the wild beasts of the earth.—From Revelations VI.

REMOVAL NOTICE.

THE L. A. NORRIS COMPANY announce the removal of their offices to their new building, 140 Townsend St. (near Third St.), San Francisco, where they will have improved facilities for handling Clinton Welded Wire Fabric & Clinton Wire Lath. Phone Kearny 5375.

EXPOSITION NEWS NOTES.

The first stake for the Canadian Pacific Building on the grounds of the Panama-Pacific International Exposition was driven on November 6th. The first swing of the sledge hammer was made by Mrs. G. M. Jackson, the wife of Canadian Pacific's agent in San Francisco. The building is to be 60 feet by 60 feet and will be between the structures of the Great Northern and the Grand Trunk System on the Esplanade.

The one thing necessary to make the Panama-Pacific International Exposition complete has been added. Work has begun on a special building to be used as a bank by the Anglo-California Trust Company. It will be at the head of "The Zone" and will be fitted with safety deposit vaults and every appurtenance of a modern banking institution.

A steamer load of materials and exhibits from Australia and New Zealand has arrived on the grounds of the Panama-Pacific International Exposition. There are 78 tons in the shipment. The greater part of it was for the New Zealand pavilion. The consignment for the Australian pavilion consists of 200 beautiful specimens of tree ferns, which will surround the structure.

Work of installation of the United States Bureau of Fisheries' exhibit at the Panama-Pacific International Exposition has begun and I. M. Dunlap, chief clerk of the bureau, is in charge of the exhibit. The bureau has taken 10,000 square feet of space in the Palace of Food Products. Thirty aquarium tanks and two pools are being installed. The larger specimens, such as the several varieties of seals, will be placed in the pools. A special car will be sent from Washington to bring the eastern specimens to the Exposition.

Norway dedicated her site and broke ground for her national pavilion on the grounds of the Panama-Pacific International Exposition on Saturday, October 31st. Ground was broken with a snow shovel used by Captain Amundsen on one of his expeditions.

G. A. Dennison, chief of the department of horticulture of the Panama-Pacific International Exposition, has received from a firm in St. Albans, England, a letter stating that shipments of shrubs and trees from Europe for the Exposition will proceed as planned before the war.

The building of the State of New York practically stands completed on the grounds of the Panama-Pacific International Exposition and bids were asked on November 7th for the construction of the structure of New York City. The state appropriated \$700,000 but the great eastern metropolis thought this would not insure sufficient representation for its own wonders and promptly appropriated \$100,000 for a New York City building and exhibit.

A train of eleven full cars, carrying a part of Cuba's horticultural display, has arrived on the grounds of the Panama-Pacific International Exposition.

tion. The shipment includes coconut palms, tree, coconut palms, coffee trees in fruit, bread fruit, bananas and scores of other tropical varieties. Cuba is to be given a place of honor under the dome of the Palace of Horticulture.

MINOR JOBS ABOUT TOWN.

3346 Clay, skylight; owner, Mary Keating, Premises; contractor, A. N. Nelson, 103 Broderick, cost, \$150.

W Fillmore 137-6 N Eddy; underpin wall; owner, Marion Leventritt, New York; architect, G. A. Landsburgh, 709 Mission, contractor, John Spargo, 226 Presidio Ave., cost, \$175.

3026 Fillmore; alter basement for stores; owner, Emella Muhlbach, Prem. cost, \$200.

3234 Washington; alter and repair building; owner, M. J. Tuska, Premises; contractor, J. H. Henderson; cost, \$100.

NE Post and Steiner; ratproof; owner, Mrs. Hooper; cost, \$154.

712 Shotwell; repair roof; owner, P. M. Burns, 1465 Masonic Ave.; contractor, F. Petter, 303 Guerrero; cost, \$150.

W Mason 150 N O'Farrell; install sidewalk doors; owner, D. L. Randolph cost, \$750.

1834 Gough; minor changes; owner, J. Breuner, Premises; cost, \$250.

1312 California; underpin foundation; owner, M. W. Busted, 440 Eddy; cost, \$100.

401 Ellis; electric sign; owner, John Olsen, Premises; contractor, Brumfield Elec. Sign Co., 18 7th; cost, \$100.

33 Montgomery, electric sign; owner, Lick Bar; cost, \$175.

1614 Haight; electric sign; owner, Cyril Hess & Co., Premises; contractor, American Sign Co., 1st National Bank Bldg.; cost, \$130.

569 California; electric sign; owner, Max Sutter, Premises; contractor, Brumfield Elec. Sign Co., 18 7th cost, \$100.

1027 Page; alter for garage; owner, H. Maugels; cost, \$170.

W Broderick 50 N Oak; alterations; owner, V. Fritzen; contractor, B. L. Ballard; cost, \$200.

164 23rd Ave.; alter dwelling; owner, Ida Malpas, Ukiah, Cal.; contractor, H. C. Matthies, 180 Jessie; cost, \$200.

652 Oak alterations; owner, Miss Coleman, Premises; cost, \$100.

N Caselli 275 W Douglass; alter and repair; owner, Margaret Stewart; cost, \$250.

SE Fremont and Market; repair roof; agent, J. R. Miller, Lick Bldg.; cost, \$200.

4414 23rd; reshingle residence; owner, Mrs. Leale Cohn, Premises; cost, \$100.

1760 Post; add one room; owner, 1st Reformed Church, Premises; cost, \$150.

104 San Jose Ave.; repair garage; owner, L. M. Bevelockway, Premises; contractor, J. McI. Jarvis, 3641 24th; cost, \$230.

4501 Mission; new doors and awning; owner, G. Garibaldi, Premises; cost, \$100.

S Waller 150 W Alpine, construct marquise; owner, W. B. Wagner, Nev. Bank Bldg.; cost, \$100.

Ellis and Stockton, erect signs, owner, Abrahams Credit Clothing Co., 15 Stockton; contractor, Swan, The Painter, 756 Folsom; cost, \$105.

2513 Mission; change fixtures; owner, Carl Jorgensen; contractor, J. H. Thorup, 281 26th Ave.; cost, \$200.

200 Market 2400; make awning; owner, Brown, cost, \$100.

30 Van Ness Ave. alterations; owner, J. H. Funggardner, Premises; cost, \$200.

101 16th; board roof; owner, L. Fiedelman & Co. cost, \$100.

SHORT-PAID POSTAGE HINDERS AMERICAN TRADE.

General David J. De Mott, Iquique, Chile, Sept. 31.

Notwithstanding the efforts of the different departments of the government and those of many commercial organizations and trade papers, such American firms desiring to establish business relations with Chilean dealers and merchants have not yet learned that it is necessary to pay foreign postage on all mail sent. The regulations of the International Postal Union require the postal authorities of the United States to accept and forward all short-paid letters to foreign countries, but no rules of the foreign office compel the addressee to accept such mail and pay the penalty of double the deficiency.

Quick Delivery of Letters Properly Stamped.

In the mails arriving from the United States on September 16 and 20, 15 letters from American firms were received at this consulate. Of these, 6 carried 2-cent stamps instead of the required 5 cents. The notices of the arrival of the short-paid letters were not received until almost a week later.

The firm of Edward E. Muecke receives more letters from the United States than any other commercial house in Iquique. After each mail the head of the firm goes to the post office and looks over the short-paid letters to his address. He pays the penalty only on those from persons with whom his firm is in correspondence. Other firms usually disregard notices sent to call and pay penalty postage. The administrator of the post office states that few or no letters with short-paid postage are received from Europe, but that a large number come from North America, and these rarely reach the addressees.

Penalty Postage Creates Bad Impression.

The delay in delivery of short-paid letters is inevitable. If needful, the firm that prepaies its postage could have a cable order and confirm its acceptance before the delivery of its competitor's short-paid letter. Having to purchase one's mail causes a certain antipathy to the firm at fault, which undoubtedly results in the loss of good customers. The foreign firm justly believes that if such a little matter as postage is overlooked or neglected, it may expect negligence in the filling of orders and lack of proper attention to invoices, packing, and shipping orders, all of which are of vital importance and about which there should be no uncertainty.

LOCAL FIRM GETS BRITISH OIL CONTRACT.

BAKERSFIELD, Kern Co., Cal.—It is reported from London that the Royal Dutch Shell Oil Company of Bakersfield has received a contract from the British Government to supply the army with gasoline and oils for war purposes.

CONSTRUCTION WORK ABROAD.

CANADA.

[Consul Abraham E. Smith, Victoria, October 23.]

Effect of European War on Building.

The European war has checked the inflow of British money and investors and promoters have become timid, while many industries of this district have received a setback. Municipal as well as private undertakings have felt this adverse pressure, and many works under contemplation or partly started have been dropped altogether or indefinitely.

However, some very pretentious undertakings have progressed to such an extent that they must be finished. Much railroad work has been started, and this will be completed as quickly as possible.

The public works branches of both the provincial and Dominion governments have announced that their program of construction of public works and buildings will be continued, regardless of war troubles. A number of municipalities are retrenching in their expenditures on the smaller items, but large civic works, contemplated or at present under way, will be carried forward without delay.

The following is a list of proposed new work, with the names of the architects and the present prospect of building:

School, \$50,000, Spurgins & Wilkins, indefinite; explosive plant, \$1,000,000, Victoria Chemical Works, under way; Y. W. C. A. Home, \$150,000, J. C. Frame, funds needed; church, \$100,000, J. M. Warren, delayed; railroad depot, \$1,000,000, company engineers, preparing; office building, \$300,000, German Canadian Trust Co., no information; church, \$25,000, Jones & Beaton, financing; office building, \$250,000, H. F. Griffith, indefinite; office building, \$500,000, Thos. Hooper, tenders closed; office building, \$250,000, delayed, office building, \$250,000, A. A. Cox, indefinite; cathedral, \$100,000, J. C. M. Keith, delayed; church, \$10,000, funds needed; marine depot, \$250,000, Government, tenders wanted; curling rink, \$30,000, Coates & Fleet, build this year; residence, \$30,000, J. M. Warren, preparing; apartment house, \$35,000, Fox & Berrill, preparing; apartment house, \$62,500, Cummings & Morcom, January; apartment house, \$63,000, Cummings & Morcom, January; apartment house, \$27,000, delayed; warehouse, \$20,000, Jesse Warren, plans ready; hospital, \$100,000, L. P. Rixford, excavating; brick stores, \$10,000, C. E. Watkins, tenders closed.

Following is a list of work started or contracts let, with all probability that they will be finished with little or no delay, the cost of construction and the contractor being given:

Jail, \$80,000, C. W. Carkeek; laundry power building, \$22,600, British Columbia Construction Co.; residence, \$20,000, Grayson & Son; residence, \$12,000, Mr. Johnson; school, by school trustees; residence, \$10,000, A. H. Mitchell; residence, \$35,000, P. McKechnie; apartment house, \$45,000, Fulton Bros.; armory, Parliott Bros.; school, \$41,000, Luney Bros.; store building, \$50,000, T. H. Brown; store building, \$700,000, British Columbia Constr. Co.; concrete piers, \$2,000,000, Grant, Smith & McDonnell; post office addition, \$150,000, McAlpine, Robert-

son & Co.; school, \$16,000, Luney Bros.; school, \$17,100, Luney Bros.; church, \$24,000, Knott & Jones; detention building, \$32,000, Bourke, McDonald & Moncreiff; breakwater, \$1,000,000, Sir John Jackson; wharf, \$24,500, Parks, Tupper & Kirkpatrick.

Approprations voted by the Dominion Parliament for Victoria for 1914 include a new drill hall, \$150,000; observatory, \$10,000; post office improvements, \$100,000; William Head quarantine, \$75,000. Dominion help has also been secured for the Pacific Great Eastern Railroad in the way of a loan of \$6,000,000 from the Government at Ottawa.

At South Wellington, Vancouver Island, there is to be erected a new hotel in the place of the Alexander Hotel, recently destroyed by fire. At Nanaimo the city has decided to proceed at once with the paving of Albert Street regrade, and contract has been awarded to J. A. Baxter for \$18,000. The city of Nanaimo has also recommended the building of a new bridge over Millstream, as the present bridge is old and dangerous. Also at Nanaimo, the Hospital Board has decided to erect an addition to the Nanaimo Hospital, to be finished for the coming winter.

[Consul Samuel G. Reat, Calgary.]
Two Million Dollars Being Spent on New Buildings.

Despite business depression, new buildings being erected in Calgary aggregate in value \$2,160,000. The principal undertaking is the Government internal terminal grain elevator, which is to cost about \$1,500,000. Work on this structure is being rushed. The Merchants' Bank building is to cost about \$125,000. The Western Flour Mills Co. is building a warehouse, a new boiler house, and a mill addition at a cost of \$200,000. Stimpington & Co. (Ltd.) are building a \$32,000 warehouse. Work has started on a Roman Catholic church to cost \$40,000, the material being reinforced concrete and brick. It is also expected that a start will be made on the armory this fall, while \$12,000 will be spent on buildings at Victoria Park, for a mobilization base.

HAWAII.

[Commercial Agent Franklin H. Smith, Honolulu, Oct. 22, en route to Asia.]
Trolley Extension—Harbor Work.

Renewed consideration is being given to the project of extending the line of the Honolulu Rapid Transit & Land Co. to the United States Naval Station at Pearl Harbor. The extension would involve the building of approximately 4 miles of track.

Efforts are again being made for the dredging of a channel from the harbor of Honolulu into Kalihi Harbor, island of Oahu, to provide more and needed dock facilities and anchorage. A partial survey has been made, but an appropriation has not yet been obtained.

TCHELISHEFF, THE PEASANT.

"In Russia the leadership of one man, Michael D. Tchelisheff, has accomplished a great thing. It has abolished drunkenness. The man who could do that, who could induce an autocratic government to give up nearly half its ordinary revenue, must be a tremendously forceful character. He isn't a grand duke or a noble, this man Tchelisheff. He is described as 'a peasant by birth, originally a house painter by profession.' He picked up his educa-

tion from stray books and newspapers, and then hewed his way to the front by his own strength.

Nature is the great democrat. Men—little men—are always busy building up an artificial society. They say: "We shall make a place for our sons. They shall not have to work as we have had to work. But they shall carry on the family name to greater honor." So they educate their sons and pamper them and find soft jobs for them. And along comes some Jewish carpenter, some American rail splitter, some Russian peasant and turns all their plans upside down.

Napoleon organized his victorious armies on the assumption that every soldier carried a field marshal's baton in his knapsack. He created a wonderfully efficient government for France by insisting that a career was always open to the man with talent.

That is the order of Nature, which never coddles the unfit. Strong men are always coming to the front and asserting themselves and crowding out the men who seek to run things by virtue of a pull. The country that organizes a rigid society will stifle its own growth. It is essential to a nation's success that it keep the door of opportunity open so that talent shall not be suppressed."

That Russia is in earnest in the present war the above statement will amply show. And that common men have recognition and the highest offices are open to them in the most despotic government on earth indicates also that the war means progress for Russia at least. Russia is a country of vast extent. The endless plains of Siberia offer opportunity for countless millions of population. An enlightened government would in a generation work wonders for the people. The abolition of the saloon by the government will do much to start its people on the right road.

ROAD MODELS.

At the Fourth American Road Congress, held at Atlanta, November 9th-12th, the U. S. Department of Agriculture exhibited a complete set of models illustrating the construction and maintenance of standard types of roads. Included in this set were models showing the development of stone road building for 2,000 years past, among which were the Apian Way, representing an ancient Roman type of construction, samples of early French roads, the Telford, and early and modern Macadam roads. Other models shown illustrated questions of road location, bad alignment, improper grades, dangerous crossings, unsafe bridges and many other features necessary to understand when laying out good roads. The whole field of road building was covered, and it was the most complete educational exhibit ever attempted in this country. All of these models made on a scale of 1 inch to the foot, were large enough to perfectly illustrate their point. Besides the models an automatic projectoscope presented self reading lantern slides, while sets of motion picture films showed various construction scenes. This Congress was the most important and successful yet held, and accomplished encouraging work in the way of enlightenment and stimulating public interest in this important movement.—Scientific American.



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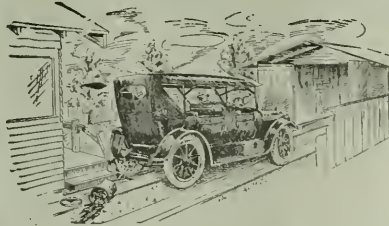
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities of the Pacific Coast.

Issued Weekly, \$3.00 per year

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Fourteenth Year, No 49

Announcement.

With this issue the name of the Building and Industrial News is changed to Building and Engineering News.

The new name will better describe the peculiar field we cover namely "Building" in all its branches, from actual construction to architectural treatment.

The Engineering field will be more fully covered than ever and reports of contemplated engineering and construction jobs made a special feature of each issue.

Commencing with the New Year, a "Special Number" will be issued once a month. Each monthly special will contain special articles from the pens of recognized experts in the Architectural, Building and Engineering field. These special articles will be fully illustrated with drawings and photographs.

celve. This seems to be the only objection it can find so far to the federal bank plan and why the plan should be criticised for that reason we fail to see. Gold, like any other coin wears through use, it being heavy and soft and there is no reason why it should be used if paper representing it is used in its place. Some people resort to "sweating" the coins, that is placing them in a bag and jostling them to wear off the the corners as in ordinary use, and thus stealing the worn off particles. So long as the gold is kept in the vaults of the banks and the subtreasury it seems immaterial whether it circulates or whether the paper representing it circulates in its stead.

The question of the enactment of a wage law will very likely come up before the next legislature on account of the Court of Appeals declaring the present law unconstitutional. The grounds of the decision was that the present law would lead to imprisonment for debt and that was contrary to the fundamental law of the State and Nation. There was no mention in the act of course for imprisonment on account of deferring payment of wages, but inasmuch as the law made it a misdemeanor to defer payment of wages and any misdemeanor is punishable by imprisonment, it follows that one who could or would not pay wages that were justly due might be imprisoned under the law as it now stands. It is not probable that such a state of facts would often occur, but the law is determined upon its rational effects under a hypothetical state of facts just as much as upon actual conditions.

Destitute men and women and wage earners are often without remedy to collect wages withheld. Court procedure is too costly and lengthy a remedy, often times justice withheld is justice denied. The evil of deferring wage payments is best illustrated in the record of Gray Brothers and the two murders that resulted therefrom. The state bureau has done a wonderful work in combating this system and in facilitating the collection of wages without long delays or expensive lawsuits. If the invalidation of this law is likely to hamper the work of the bureau, then it becomes all the more necessary that some substitute law which shall be enforceable and court-proof be devised.

SOUTHERN PACIFIC BRIDGES.

On the Pacific system of the Southern Pacific Company there are over 6000 bridges, and each year more than 100,000 tons of steel are put into the plant. In a year the company has been over 100,000 tons of steel bridges per month.

The Chronicle seems to be very much concerned that gold is likely to disappear from circulation, the reason being given that the regional banks propose to wash the gold that it re-

Editorial Comment.

Fourteen men are to be hung in Arizona for murder. The people at the last election voted against the abolition of capital punishment and the Governor of that State says the blood of these men will rest upon the heads of these people who voted against the abolition of the death penalty.

Arizona voted for prohibition and against the abolition of capital punishment at the same election. It therefore shows that the people expressed their conviction on this subject and the Governor has no cause to complain. Society must protect itself from criminals else how can it protect life and property. And experience generally has shown that there must be a police force and sure and certain punishment else laws are ineffective. Roosevelt wisely states this truth as applied to nations, and the war now convulsing the world is ample proof that unless there is a police power to enforce a treaty or a law it is that much paper to be torn up when the interest of any party so desires. There may be better ways of enforcing laws and the prevention of crimes than that of capital punishment. But the thing to be achieved is the protection of society and if that is best done by hanging those found guilty of willful murder then the world is well rid of them whether or not it be a mental disease on the part of the criminal.



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The Superintendent and the Labor Question.

G. D. Stark in the Wood-Worker.

Probably the factor which the study of scientific management and efficiency in general has emphasized more than any other in the human element. In other words, attention has been called to the fact that in studying methods and machinery, manufacturers have too often overlooked the men. The labor question has frequently been considered from the wrong angle; with too great emphasis on the dollars and cents proposition, and to much attention to laborers as operatives of machinery, and not enough thought for them as human beings.

That conditions are changing and that the human factor is being given its proper value in the business equation, is indicated by general efforts on the part of wood-workers and other manufacturers to improve the conditions of work and the comforts of the workers. With lunch rooms, lockers, reading rooms, recreation facilities, shower-baths, etc., being provided, it is no longer fair or accurate to say that this proposition is being overlooked or disregarded.

But, after all is said and done, it is the superintendent who must solve the problem of keeping his men healthy, happy and efficient. The owner of the plant may be willing to spend money for this or that feature of welfare work, and to do everything in his power to make his employees comfortable and contented, yet the wrong kind of superintendent may spoil the whole thing, and may make all the efforts which have been put forth go for naught.

What should be the attitude of the superintendent toward his men? Some of the most successful factory executives emphasize, above all other elements, that of absolute fairness.

"The moment employees get the idea that the superintendent has favorites, or that he is doing things for some that he is not doing for all," said a well-known wood-worker recently, "his troubles are going to multiply. No matter what the other conditions of work may be, the superintendent must see that everybody is treated exactly alike. The hands of a manufacturing plant, from the smallest to the largest, are a democracy, and for this very reason putting one before his fellows, or showing the slightest favoritism is bound to cause resentment that will make itself felt in loss of efficiency all along the line."

It is for this reason that the use of the piecework system is commended by many superintendents. Though it can not always be put into use, because of practical obstacles, it is adopted by them whenever and wherever possible. Under this plan, instead of being paid by the day or week, every employee is paid exactly according to his output. Nobody can be favored at the expense of others, and the best workers are sure to get the most money.

Where the per diem plan of payment is used, there is always, more or less dissatisfaction and discontent on this account. If one employee is given a

raise, there are always numerous others who feel they are equally entitled to increased wages. Thus the foreman and the superintendent are likely to be accused of showing favoritism, where nothing of the sort is intended. But where the price scale is public and fixed, and everybody is paid on that basis and none other, the elimination of the petty jealousies that sometimes demoralize a working force is assured, and everybody is impressed with the fact that all are on the same footing, and that all have the same chance to win the maximum rewards.

"Judged purely from the standpoint of improving the morale of a factory," said the superintendent who has had twenty-five years' experience in handling labor, "I believe the piecework system is the greatest benefit that can be imagined. I so thoroughly believe in it that in every factory I have been I have installed the system, and in many plants I have extended its operations to kinds of work which were never before thought capable of being handled on that basis. It is not a panacea for the superintendent's troubles, by any means, but it certainly goes far in the direction of simplifying them."

In some cases superintendents with reputations as "drivers" have succeeded wonderfully well in increasing the production of their plants. But, generally speaking, such men will stir up resentment and cause loss of production instead of increases. The question is largely governed by the locality in which the mill or factory is operating, and the character of the employees. However, the general proposition that they must be treated and considered as human beings still holds good, and the superintendent who handles his charges as though they were part of their machines is risking trouble.

Suggesting the need of careful study of the personnel and general characteristics of the working force by the superintendent, a factory in the middle west some time ago employed a new man to handle the operations. His previous experience had been in another section, with a class of labor which required rather stern methods. The plans he had used in the other plant had been successful, but in three months he had succeeded in disorganizing the force and in alienating the foremen as well as the individual employees. He had simply not considered the changed conditions under which he was working, nor the possibility that his help would resent an attitude which had not been questioned in the other factory. His employer paid the penalty for his lack of discrimination.

Fairness without favoritism, firmness without harshness, would thus seem to be a combination which the superintendent must cultivate. And, above all, his authority must be absolute. He must be lord of all he surveys. More troubles in manufacturing plants, as far as the labor proposition is concerned, are due to the fact that the superintendent is not given com-

plete authority than to any other cause, in the opinion of many experienced executives.

Little things that are not of themselves important are magnified by employees until they lose their real proportions. Owners, by coming through the factory and dealing directly with employees, have sometimes caused their superintendents to be regarded merely as figureheads, resulting in their authority being questioned in the factory executives becoming useless to the companies which employed them. Sometimes the loss of the wood-working establishment who has delegated authority to his superintendent, does without thinking of the injury to him he may be working, but a little thought will show that if the superintendent is to be really effective in inducing as much and as good mill work or furniture as he should, he must be in complete control of the plant.

This does not mean that the man who has his capital invested should know what is going on, and should confer with his superintendent regarding methods and processes. On the other hand, some factory men get the idea that the head of the company should never step over the threshold into the plant, but should regard the office as his sole domain, leaving manufacturing operations to the superintendent entirely. This is as extreme as the other idea, which permits the owner to take part of the authority away from the factory executive. The proper plan is a happy medium whereby the owner gives complete control of the factory to the superintendent, but at the same time keeps closely in touch with what is going on.

The successful system is to choose a superintendent who is believed to be capable of rendering the required service, and then look to him for results. A responsible head, who is expected to deliver, is sure to do much better work than the superintendent whose efforts are hampered and interfered with by the well-meant, but ill-judged dictates of the owners inside the factory. The wishes of the head of the company should be transmitted to the employees through the superintendent, and employees should be taught to look to him for information, promotion, dress and all other action from the company. Unless this is the case, his position is weakened and his usefulness diminished or even destroyed.

Not long ago a superintendent had made a good record in a wood-working plant, and when he had counted his share, at least, to the spite earnings which it had made for stockholders, resigned his position. He was asked the reason why, and he said: "The head of the company interfered with my authority and did give me the proper control of the factory. I felt that I could not do myself and then justice, and consequently I resigned."

Many competent superintendents have clashes in their contracts pro-

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$35,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. E. Etienne. The building will be erected at the north-west corner of Fell and Clayton streets, covering a considerable ground area. Interior has been arranged to contain a number of two and three room suites with wall beds and private bath rooms. Pine, redwood and elm panels will be used for interior finish. Some oak floors are specified. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, E. H. Denke, 1317 Hyde street, S. F. Owner, Joseph Neustadter. The building will be erected at the south-east corner of Clay and Franklin streets, and has been designed to contain six high class apartments of six rooms and bath. Interiors will be finished in pine, redwood, white enamel and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 5 story and base. Class C construction, \$100,000. Architect, Clay N. Burrell, Albany Block, Oakland. Owners, United Home Builders. The building will be erected on the west line of Oak street north of 14th, having a frontage of 60 feet and a depth of 140 feet. There will be a total of 150 rooms, arranged in suites of from one to four rooms. All apartments will have wall beds and private bath rooms. Besides the usual office, lobby and social rooms, the building will have a large roof garden and art studio. Interior will be finished in pine and hardwood with some ornamental plaster. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will be taken about January 1st.

OAKLAND, CAL.—Apartment house addition, frame construction. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Amalia Tisch. This work will consist of adding a number of two and three room suites to the present building and will include the customary branches of the

work. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Apartment house, 2 story and base. Class A construction. Cost not stated. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, Mr. Morschend. Contractors, Williamson Bros. & Henderson, Holbrook Bldg., general construction. Cost not stated. James Pinkerton, plumbing. Standard Electric Co., electric work.

AQUARIUM.

SPOKANE, WASH.—Aquarium and hatchery buildings, 2, 1 story and base, reinforced concrete. Cost not stated. Engineer, Carl F. Uhden, Washington Water Power Co., Spokane. Owners, State of Washington. Carl F. Uhden, chief engineer for the Washington Water Power Company, has completed plans for the construction of two buildings for the state fish hatchery in Natatorium Park, which will be constructed this winter. One building will be 44x26 and the other 25x64 feet. The larger building will contain one of the largest aquariums on the coast.

BONDS.

SANTA CLARA, SANTA CLARA CO., CAL.—The Town Trustees of Santa Clara have set December 21st as the date for the voting of bonds in the sum of \$30,000.

Should the issue carry the proceeds of the bonds will be used in completing the State Highway through the town of Santa Clara as follows: From the corner of the San Francisco road and Scotts lane, along the San Francisco road to Lincoln street and south on that thoroughfare to Franklin street and east on Franklin street to Jefferson street, thence from the corner of Grant and Franklin streets south on Grant street to the Alameda and along the Alameda to the limits of the town.

YREKA, SISKIYOU CO., CAL.—Twelve thousand dollars worth of school bonds of the Montague District have been sold to Blyth, Witter & Co. of San Francisco. The price paid was a premium of \$1.00 and accrued interest.

ETNA, SISKIYOU CO., CAL.—The Etna sewer bonds in the sum of \$21,000 were recently sold to the residents of Scott Valley. O. V. Green and the Scott Valley Bank were the largest buyers. The work on the sewer will be put under way immediately.

RIVERSIDE, RIVERSIDE CO., CAL.—Delegates from improvement clubs have registered a protest with the supervisors of the county against calling a bond election for \$1,000,000 for the 1915 exposition, asserting that it would cost the county \$70,000 and that if put up to the people would be defeated.

NEWCASTLE, PLACER CO., CAL.—On December 10th citizens of New-

castle will decide at the polls if the want to bond the town for \$2,500, the money to be used in the extension and completion of sewers.

The election has been called by the Commissioners of the Newcastle Sanitary District.

As yet no opposition has developed to the passage of the bonds.

ESCONDIDO, SAN DIEGO CO., CAL.—The City of Escondido has disposed of a bond issue of \$100,000 for the development of a water supply and the construction of a municipal distributing system.

COUNCIL, IDAHO—The question of voting bonds in the sum of \$25,000 for the construction of a court house was defeated.

HAYRE, MONT.—Bonds voted here for the construction of a county court house carried by eleven votes. The bonds were in the sum of \$125,000.

HAILEY, IDAHO—The question of voting \$35,000 bonds for a water system has been defeated. It is thought that another election will be called.

ELMA, WASH.—Bonds in the sum of \$10,500 were voted here November 30th, for the completion of the high school, and work will be started at once.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—The approval of the Pacific Electric Railroad bond issue by the State Railroad Commission is believed to mean that construction of repair shops in this city by that corporation will be started in the near future.

COLTON, SAN BERNARDINO CO., CAL.—Bonds in the sum of \$30,000 have been voted at the special election held at Colton for a new school building.

DUNCAN, ARIZ.—Sweet, Causey, Foster & Co. of Denver has, through Frank R. Coon, cashier of the Lordsburg National Bank, purchased the \$40,000 bond issue of the Duncan High School District.

EL PASO, TEXAS.—At the regular meeting of the County Commissioners, all bids submitted for the \$360,000 worth of court house and jail bonds were rejected. The commissioners refuse to sell the bonds for less than par and accrued interest.

BRIDGES AND DAMS.

SAN FRANCISCO—Traffic bridge, steel and concrete construction, \$15,000. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The bridge will be erected across East street from a point north of the Ferry Tower, and will be 22 feet high. It will be carried on four sets of columns. The traffic way will be 12 feet wide and will be covered with asphalt. Bids will be called for shortly by the State Board of Harbor Commissioners.

RICHMOND, CONTRA COSTA CO., CAL.—Wharf, steel and reinforced concrete. Cost not stated. Engineers, Haviland & Tibbets, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Plans have been completed for a modern wharf to be constructed on

SACRAMENTO, CALIF., Feb. 1. — SURVEY and house plans for the ARTHUR JONES COMPANY, 1005 S. STREET, were filed today in the SACRAMENTO office. The building will be erected at 1411 1/2th STREET, and has been designed to contain two modern flats of five and six rooms. Interiors will be finished in pine with

some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGES.

SAN BRUNO, SAN MATEO CO., CAL.
—Garage, 1 story, reinforced concrete and steel. Cost not stated. Architect, Fay Spangler, 223 Monadnock Bldg., S. F. Owner, A. J. Jenvin. The building will be just across the highway from Uncle Tom's Cabin and will cover an area of 50 by 80 feet. A cement floor will be used. Metal window sash and frames are specified. There will be special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

GOVERNMENT WORK & SUPPLIES

Tiding Hall at Reno.

The Quartermaster General of the Army has approved specifications and directed that a riding hall be constructed at the Reno Remount Depot, Okla. The bids will be opened by the constructing quartermaster.

Portland Cement.

The Secretary of the Interior has authorized the Reclamation Service to purchase 16,000 barrels of Portland cement for the Grand Valley irrigation project in Colorado from the Colorado Portland Cement Company of Denver. The contract price is \$1 per barrel.

Mare Island, Building.

Gutleben Brothers, of 907 Monadnock Building, San Francisco, Cal., has the contract, at \$2,320 for constructing five temporary one-story wooden buildings at the Naval Hospital reservation, Mare Island, Cal.

High Canal, Strawberry Project.

The following bids were received by the U. S. Reclamation Service, Provo, Utah, under specification 284, for the construction of divisions 1, 2 and 3 of the High Line Canal, U. S. R. S., Strawberry Valley project, Utah:

Bid 1, Mendenhall, Straw & Bird Construction Co., Springville, Utah.

2, MacArthur Brothers Co., 11 Pine street, New York city.

3, Heuser & Sim, 528 Dooley Block, Salt Lake City, Utah.

4, Utah Construction Co., Ogden, Utah.

5, Reynolds-Ply Construction Co., Springville, Utah.

6, W. A. Kettlewell & Sons, Iowa City, Iowa.

7, Winston Brothers Co., Minneapolis, Minn.

8, Grant, Smith & Co., 1130 Henry Building, Seattle, Wash.

9, Yale & Reagan, 208 La Salle street, Chicago, Ill.

10, W. O. Morrison, Denver, Colo.

11, Frederick Rolandi, San Francisco, Cal.

12, Security Bridge Co., Minneapolis, Minn.

13, Wasatch Grading Co., 312 Dooley Block, Salt Lake City, Utah.

14, Olaf L. Hedenberg, William F. Olson, George E. Ross & A. A. Love-

less, Provo, Utah.

15, The Beley Construction Co., Livingston, Mont.

16, Rideout & Andrus, Draper, Utah.

17, Cowan, Lovelace, Dixon, Wilson & Co., Payson, Utah.

18, Gibbons Brothers, 953 3rd avenue, Salt Lake City, Utah.

19, Eli B. K. Ferguson, Serenus Gardner, R. W. Money, Alma Andrus, R. S. Bradford & John W. Roach, Spanish Fork, Utah.

20, Malcolm Brothers, Spanish Fork, Utah.

21, C. E. Green, for Green Construction Co., Tooele, Utah.

22, Enoch Smith, 319 Kearns Building, Salt Lake City, Utah.

23, Morrison - Knudsen Co., 12-13 Shaw Block, Boise, Idaho.

Division No. 1.

Item 1. Excavation, Class 1—Bid 1, 20.5c; 2, 17c; 3, 20c; 4, 21c; 5, 16c; 6, 23c; 7, 18.6c; 8, 17c; 9, 24c; 10, 17c; 11, 48c; 12, 25c; 13, 19c; 14, 20c; 15, 24c.

Item 2. Excavation, class 2—Bid 1, 20.5c; 2, 35c; 3, 20c; 4, 21c; 5, 37c; 6, 23c; 7, 18.6c; 8, 35c; 9, 40c; 10, 42c; 11, 48c; 12, 25c; 13, 48c; 14, 40c; 15, 50c.

Item 3. Excavation, class 3—Bid 1, 20.5c; 2, \$1; 3, 65c; 4, 80c; 5, 75c; 6, \$1; 7, 75c; 8, \$1.20; 9, 80c; 10, \$1.10; 11, 48c; 12, \$1; 13, \$1.45; 14, \$1.25; 15, \$2.

Item 4. Overhaul—Bids 1 to 15, inclusive, 2c.

Item 5. Excavation for structures—Bid 1, 50c; 2, 75c; 3, 65c; 4, \$1; 5, 55c; 6, 60c; 7, 60c; 8, 55c; 9, \$1.25; 10, 70c; 11, \$1.50; 12, 50c; 13 \$1; 14, 50c; 15, \$1.

Item 6. Concrete in structures—Bid 1, \$9.20; 2, \$9.55; 3, \$12.25; 4, \$10; 5, \$11; 6, \$11.50; 7, \$13.50; 8, \$11.40; 9, \$11; 10, \$17.30; 11, \$10; 12, \$11.40; 13, \$9.70; 14, \$10.80; 15, \$11.50.

Item 7. Back filling—Bid 1, \$1; 2, 50c; 3, 35c; 4, 50c; 5, 45c; 6, 75c; 7, 50c; 8, 45c; 9, 50c; 10, 70c; 11, 60c; 12, 65c; 13, \$1; 14, 50c; 15, 25c.

Item 8. Rock fill—Bid 1, \$1.50; 2, \$2; 3, \$1.50; 4, \$1.25; 5, \$1.35; 6, \$3.50; 7, \$2; 8, \$2.50; 9, \$2; 10, \$3; 11, \$1; 12, \$3; 13, \$1; 14, \$5; 15, \$1.

Item 9. Paving—Bid 1, \$2.50; 2, \$2.50; 3, \$1; 4, \$1.50; 5, \$1.10; 6, \$3; 7, \$2.50; 8, \$3; 9, \$2; 10, \$2.70; 11, \$2.50; 12, \$1.50; 13, \$3; 14, \$2; 15, \$2.

Item 10. Laying 6-inch pipe—Bid 1, 10c; 2, 10c; 3, 10c; 4, 15c; 5, 7c; 6, 35c; 7, 18c; 8, 40c; 9, 15c; 10, 30c; 11, 25c; 12, 60c; 13, 25c; 14, 20c; 15, 20c.

Item 11. Laying 12-inch pipe—Bid 1, 20c; 2, 15c; 3, 23c; 4, 20c; 5, 12c; 6, 45c; 7, 35c; 8, 60c; 9, 25c; 10, 40c; 11, 40c; 12, 70c; 13, 30c; 14, 25c; 15, 60c.

Item 12. Laying 18-inch pipe—Bid 1, 40c; 2, 50c; 3, 50c; 4, 25c; 5, 20c; 6, 60c; 7, 35c; 8, 70c; 9, 40c; 10, 60c; 11, 65c; 12, 80c; 13, 35c; 14, \$1; 15, \$1.

Item 13. Concrete canal linings—Bid 1, 9.5c; 2, 7.5c; 3, 10.5c; 4, 12c; 5, 13.75c; 6, 12.5c; 7, 19c; 8, 16c; 9, 12c; 10, 14.5c; 11, 15c; 12, 15c; 13, 10c; 14, 30c; 15, 17.2c.

Item 14. Tunnel—Bid 1, \$2.470; 2, \$38; 3, \$35; 4, \$36.25; 5, \$36.6; 6, \$65; 7, \$20; 8, \$32.50; 9, \$45; 10, \$25.50; 11, \$30; 12, \$30; 13, \$33; 14, \$27.15; 15, \$32.75.

Total, division 1—Bid 1, \$47,465; 2, \$56, 371.25; 3, \$54,374.25; 4, \$52,179.75; 5, \$58,719.50; 6, \$64,890; 7, \$55,004.65; 8, \$59,609; 9, \$63,108; 10, \$70,744.50; 11, \$81,175.75; 12, \$59,422.50; 13, \$64,439.75; 14, \$63,645; 15, \$73,116.20.

Balanced Valves.

The following bids were received by the U. S. Reclamation Service, Los Angeles, Cal., specification 355-F, for control piping and materials for balanced

valves, Arrow Rock Dam:

Item 1, 10 three-inch ejector valves; 2, 3 positive control indicators; 3, galv. pipe and fittings; 4, miscellaneous pipe, hose and fittings; 5, same as item 4; 6, same as item 1, 7, same as item 2.

Union Iron Works, 311 California street, San Francisco, Cal., item 1, \$330, 25 days; 2, \$290, 25 days; 6, \$330, May 15; 7, \$290, May 15; delivery San Francisco.

Keystone Iron Works, 973 North Main street, Los Angeles, Cal., item 1, \$384, 20 days; 2, \$194, 14 days, 3, \$447, 20 days; 4, \$398, 20 days; 5, \$395, May 15; 6, \$384, May 15; 7, \$193, May 15; delivery Los Angeles.

Crane Co., Los Angeles, Cal., item 3, \$216, delivery 30 days; 4, \$308, 30 days; 5, \$318, May 15; delivery Chicago.

Stacy-Schmidt Mfg. Co., York, Pa., item 1, \$375, 45 days; 2, \$220, 45 days; 3, \$310, 45 days; 4, \$365, 45 days; 5, \$360, May 15; 6, \$340, May 15; 7, \$180, May 15; delivery York, Pa.

Union Machine Co., 934 Brannan street, San Francisco, Cal., item 1, \$796, 40 days; 2, \$225, 40 days; 3, \$300, 40 days; 4, \$366, 40 days; 5, \$566, May 15; 6, \$396, May 15; 7, \$225, May 15; delivery San Francisco.

Fulton Engine Works, Los Angeles, Cal., item 1, \$455, 45 days; 2, \$280, 45 days; 3, \$318, 45 days; 4, \$424, 45 days; 5, \$423, 15 days; 6, \$455, May 15; 7, \$280, May 15; delivery Los Angeles.

Hinman Hydraulic Mfg. Co., 1400 West Colfax avenue, Denver, Colo., item 1, \$565.95, 60 days; 2, \$277.25, 60 days; 3, \$375, 60 days; 4, \$598, 60 days; 5, \$595.25, May 15; 6, \$565.95, May 15; 7, \$277.25, May 15; delivery, Denver, Colo.

United Iron Works, 520 Second street, Oakland, Cal., item 1, \$366, 25 days; 2, \$297, 25 days; deliveries Oakland, Cal.

Pelton Water Wheel Co., 19th and Harrison streets, San Francisco, Cal., item 1, \$916, 35 days; 2, \$490, 37 days; 6, \$916, May 15; 7, \$470, May 15; delivery, San Francisco.

Joshua Hendy Iron Works, 75 Fremont street, San Francisco, Cal., items 1, 2, 6, and 7, lump sum, \$1,409.

Reclamation Work.

The Reclamation Service is asking for sealed proposals for a big job of earthwork involving about 385,000 cubic yards of excavation. This work is in connection with the Sun River project and is located about 25 miles northwest of Great Falls, Mont., and about 6 miles north of Fort Shaw, Mont., on the Sun River branch of the Great Northern Railway and about 6 miles south of the towns of Bole, Sloan and Cordova, Mont., on the Choteau branch of the Great Northern Railway. The excavation is on the Greenfields distribution system, Greenfields, South, and Mill Coulee canals. All proposals should be sent to the office of the United States Reclamation Service, Great Falls, Mont., before 2 o'clock p. m., December 22nd. Full particulars will be furnished upon request to the U. S. R. S., Washington, D. C.; Great Falls, Mont., or Fort Shaw, Mont.

Flathead Reclamation Project.

The Reclamation Service is asking for sealed proposals for the construction of structures on the Flathead project in Montana. The work involves about 9,500 cubic yards of excavation, 1,050 yards of concrete, 4,000 square yards of paving, the placing of 73,500 pounds of reinforcing steel and the

manufacturing and laying about a linear foot of concrete pipe. The location of the work is on the east side of the Flathead River from six to eleven miles southwest of Polson. Full particulars are obtainable from the Reclamation Service, Washington, D. C., Great Falls, Mont., or St. Ignace, Mont. All bids must be filed at St. Ignace before 2 o'clock p. m., December 22, 1914.

Open Pressure Operating System. The following bids were received under advertisement No. 357, at the office of the Reclamation Service, Los Angeles, Cal., for furnishing an oil pressure operating system for the wise Project, Idaho:

Item 1, brass pipe and fittings; 2, galv. pipe and fittings; 3, special bronze valves 4, galv. iron storage tank.
James Jones Co., Los Angeles, Cal., item 1, \$525; 2, \$95; time 65 days and 3 days, at Los Angeles.
Crane Co., Los Angeles, Cal., item 1, \$62; 2, \$42.50; 4, \$90; at Chicago, 30 days.
Lacy Mfg. Co., Los Angeles, Cal., item \$55, 10 days.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base. Class C construction, \$55,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building will be erected on Sutter street west of Taylor, and will cover a considerable round area. Plans show a total of 60 guest rooms, both single and en suite. Nearly all rooms will have private baths. Interior will be finished in pine and hardwood. There will be team heat and a hot water system, elevator service and vacuum cleaning. Bath rooms will be finished in tile with composition floors. Entrance will have marble wainscot and tile floor. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Hotel, 6 story and base. Class C construction, \$100,000. Architect's name not given. Owner's name withheld. Contractor, Edward Sommarstrom, 212 East 12th street, Oakland, has secured a contract on the percentage basis for a six-story and basement brick and steel hotel to be erected in the Lakeside District. The building will cost about \$100,000. Details will be given out in about a week.

OAKLAND, CAL.—Hotel and stores, 7 story and base. Class C construction, \$104,000. Architect, William Wilde, 1725 Broadway, Oakland. Owner, O. T. Mead. The building will be erected at the southeast corner of tenth and Clay streets and will cover a large ground area. There will be several stories besides the hotel lobby on the first floor. Upper floors will contain a total of 168 guest rooms, nearly all of which will have private baths. Plans provide for steam heat, elevator service, a hot water system, vacuum cleaning and patent store fronts. Interior will be finished in pine and redwood with some ornamental plaster. Marble and tile wainscot will be used. Bath rooms will be finished in tile and have composition floors. Exterior of

the building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, CAL.—Hotel and stores, 2 story and base. Reinforced steel, \$50,000. Architect, J. C. Thayer, Fresno. Owner, F. A. Corcoran, land, Corcoran. The building will be erected at the corner of A and Kern streets, covering an area of 80 by 90 feet. There will be four stores on the first floor and a number of hotel rooms on the upper floor. Interior will be finished in pine and redwood. The floor will be used in the lobby and store entrances. Plans provide for a hot water system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LIBRARIES.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced concrete, \$10,000. Architect, L. M. Turton, Napa. Owners, City of Vacaville. The Library Trustees have opened figures for constructing the new reinforced concrete library building. Contractor Weeks of Vallejo submitted the lowest figure at \$10,667. Two local bidders were next low, and it is stated that the trustees wish to favor a local man if possible. All bids were laid on the table until the next meeting of the trustees.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced concrete, \$11,000. Architect, L. M. Turton, Napa. Owners, Town of Vacaville. This building has been mentioned here a number of times before. Bids recently opened by the Board of Library Trustees have been rejected, although all six figures were within the amount available. Plans and specifications will be slightly revised and new figures will be taken. The design is in the classic style. Exterior will be faced with cement plaster. Plans are now out for figures and bids will be opened on December 12th. Plans and specifications can be secured from the architect.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibit booth, frame construction, \$1,500. Architect, Bernard Joseph, First National Bank Bldg., S. F. Owners, Schloss Manufacturing Co. This booth will be erected in the Manufactures Palace. The most important parts of the work will be mill work, plastering, glass and electric work. Plans are complete and figures are being taken.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Car barns lighting system. Cost not stated. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans are now out for figures for installing the lighting system, including fixtures and lamps, in the new portion of the Geary Street Municipal Car Barns. Bids will be opened by the Board of Public Works on December 24th. Plans and specifications can be secured from

the architect. Plans are being prepared. The building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, CAL.—Interior of the building. Plans are being prepared. The building will be faced with pressed brick. Plans are complete and figures are being taken.

PENDELTON, ORE.—Railroad construction, \$100,000. Engineer, none. Owners, Farmers' Union Grain Agency, Pendleton. With a view of forming a stock company of farmers of Umatilla County for the construction of a railroad from some convenient point in the Cold Spring section to the Columbia River, a meeting will be called here soon by the Farmers' Union Grain Agency. The proposed road would be about 20 miles in length, and it is estimated that the cost of construction would reach \$50,000.

WALLA WALLA TO LA GRANDE.—Railroad construction, \$2,000,000. Engineer's name not given. Owners, C. J. Franklin and associates. Three promoters are here working on plans to build an electric line from Walla, Wash., to La Grande, Ore., a distance of 75 miles. A committee of Commercial Club Members is investigating under instructions to report the findings. The committee is Ben Stone, H. A. Gardner, A. M. Jensen, W. S. Offner and W. W. Baker. The promoters are C. J. Franklin, civil engineer of Boise, Idaho; J. G. Brown of Gallon, Ore., and E. A. Pack of Welsch, Ore. The promoters state that the road can be built for \$2,000,000 at an elevation of 4,000 feet across the Blue Mountains.

RICHMOND, CONTRA COSTA CO., CAL.—Street paving and grading. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans and specifications for the improvement of part of Montgomery street have been approved by the City Council. Plans and specifications for the improvement of 20th street from S. P. avenue to the Santa Fe tracks have been adopted by the Council. It is thought that bids on this work will be called for immediately.

CHICO, BUTTE CO., CAL.—Irrigation system. Cost not stated. Engineer's name not given. Owner, Santa Clara River. Plans are being prepared for the construction of a canal to divert water from the Santa Clara River to the Chico River. The canal will be about 10 miles long and will have a capacity of 100,000 cubic feet per second. Plans are now out for figures for constructing the canal. Bids will be opened by the Board of Public Works on December 24th. Plans and specifications can be secured from the architect.

other adjoining holdings. Should this be carried out an immense pumping plant will be installed. R. J. Murphy is the Superintendent of the Phelan ranch.

PORTLAND, ORE.—Sewer work, re- Contract Awarded.

NAPA, NAPA CO., CAL.—Sewer work, \$2,341.50. Engineer, City Engineer, Napa. Owners, City of Napa. Contractor, John H. May, Napa. Contract price, \$2,341.50.

SAN FRANCISCO — Municipal car barns, 1 story and base, Class A construction, \$196,900. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, R. W. Moller, S. F. Contract price, \$196,900.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, \$15,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Dr. Guido Cagliari. The dwelling will be erected at the corner of Larkin and Lombard streets, and has been designed to contain twelve rooms, three baths and sleeping porch. Provision has been made in the basement for a private garage. Interior of the house will be finished in pine and hardwoods with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO — Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, E. R. Hayden, Phelan Bldg., S. F. The dwelling has been designed for a seven-room house and will be erected on the east side of 17th avenue south of Rivera. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO — Residence, 1 story and base, frame. Cost not stated. Architect, H. C. Bauman, Chronicle Bldg., S. F. Owner, G. Cavigliere. The dwelling has been designed to contain six rooms and bath, and will be erected on the west side of Vermont north of 15th street. Interior will be finished in pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Johnson and Johnson, 818 14th street, S. F. The house will be erected on the east side of 21st avenue south of Geary, and has been designed to contain six rooms and bath. Interior finish will be of pine

and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residences, 2, 2 story and base, frame, \$2,000 each. Architect, none. Owner, Hansen Walton, 28th avenue and Clement, S. F. These two houses will be erected on the west side of 28th avenue south of Clement street, and each has been designed to contain six rooms and bath. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will be finished in tile. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, United States Building, Realty and Investment Co., Crocker Bldg., S. F. The house will be erected on the east side of Curtis street north of Morse and will contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

HAYWARD, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$2,500. Architect, W. H. Armistage, 251 Kearny street, S. F. Owner, George Schmidt, S. F. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantel will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with rustic and shingles. Plans are complete and figures are being taken.

OAKLAND, CAL. — Residence, 1½ story and base, frame, \$3,000. Architect, none. Owner, James McGuiness, 515 East 16th street, Oakland. The dwelling will be erected on Park Boulevard east of Greenwood avenue, and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine with some white enamel in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place and tile mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the

hands of the owner who will do the work by Day Labor. Materials are now being purchased.

LOS GATOS, SANTA CLARA CAL.—Residence, 2 story and frame. Cost not stated. Architect, William C. Hayes, First National Bldg., S. F. Owner, Mary R. Skiff. The house will contain seven rooms, baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 1 story and base, frame, \$2,000. Architect, none. Owner, J. Giotto, 233 West St. James street, Jose. The house has been designed for a six-room dwelling with bath and will be erected on San Salvador street. Interior will be finished in pine throughout. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Residences, 1 story and base, frame, \$2,700 and \$2,000. Architect, none. Owners, O. Moore, 2903 35th street, and W. D. Kay. These two houses will contain five and six rooms respectively. Interiors will be finished in pine and redwood with some hardwood floors. Open fire places will be used in the living rooms. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO — Residence, 1 story and base, frame, \$4,000. Architect, William Helbing, 1420 Market street, S. F. Owner, Phil Bannon, Pacific Gear and Tool Co. The dwelling will be erected at the corner of 13th avenue and Fulton street, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, H. P. Smith, Rial Bldg., Oakland. Owner, A. E. Webb. The dwelling will be erected in Boy Court and has been designed for a nine-room house with bath and sleeping porch. Interior finish will be large open fire with some elm panels. Hardwood floors will be used in the living room, dining room and reception ha

There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence alteration, frame construction, \$1,500. Architect, H. P. Smith, Blake Bldg., Oakland. Owner, Lina Dabney. This work will consist of interior rearrangement, plastering, painting, hardwood floors, electric work, mantel and plumbing. An automatic water heater will be installed. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Residences, 4, 2 story and base, frame. Cost not stated. Architects, Glass & Butler, Fresno. Owners, Alfred Baverman, Herbert Levy, William Glass and Charles Doyle. These homes will be erected on adjoining property and will contain from six to eight rooms. Interiors will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. H. Sclander. The dwelling will be erected in the Claremont Tract and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Some white enamel will be used in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOLS.

FRESNO, FRESNO CO., CAL.—School, 2 story, brick and concrete. Cost not stated. Architect, J. Carl Thayer, Fresno. Owners, City of Fresno. The building has been designed for an eight-room building with provision for additions. Floors and stairways will be of reinforced concrete. Interior will be finished in pine with some maple floors. There will be steam heat, oil burning equipment and program clocks. Modern plumbing will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and bonds have been sold. Bids will be advertised for at once.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick and concrete, \$90,000. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, City of Fresno. This building, the largest of the seven new schools, will contain thirteen class rooms, auditorium, offices and assembly hall. Floors and stairways will be of concrete. Inter-

rior will be finished in pine with some maple floors. Plans provide for steam heat, oil burning system, vacuum cleaning, modern school plumbing and program clocks. Exterior will be faced with pressed brick. Plans are complete and figures will be called for shortly. Further mention will be made of the work.

FRESNO, FRESNO CO., CAL.—School, frame and plaster. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. and Fresno. Owners, City of Fresno. The building will be known as the Kirk School. There will be eight class rooms and an assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat, oil burning system, and modern school plumbing. Exterior will be covered with cement plaster on metal lath. Plans are complete and ready for figures. Bids will be advertised for at once.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick and concrete, \$52,700. Architects, Coates & Traver, Addison-Heard Bldg., S. F. Owners, City of Fresno. Contractor, James L. Daly, Fresno, general construction. Contract price, \$52,700. Bids will be called for at once for the program clock system. The building will be known as the Webster School.

FRESNO, FRESNO CO., CAL.—School, 2 story and base, brick and concrete, \$85,250. Architects, Swartz, Hotchkiss & Swartz, Rowell Bldg., Fresno. Owner, City of Fresno. Contractors, Evans Contracting Co., Fresno, general construction. Contract price, \$82,250. Bids for the heating and ventilating will be readvertised for at once. The building will be known as the Longfellow School.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO.—Steam distribution system. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing an underground steam distributing system in the Civic Center show Robert Dalziel, Jr., Co. low on both propositions as follows: Proposition A, \$21,160, and Proposition B, \$18,930.

SAN FRANCISCO.—Municipal power plant equipment. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing the power plant equipment at the Municipal Plant in the Civic Center show the Davis-Rogers Co. low at \$11,950. They will probably be awarded the contract.

VISALIA, TULARE CO., CAL.—Road construction. Cost not stated. Engineer, County Surveyor, Visalia. Owners, Tulare County. The County Surveyor has completed plans for a road to be built from Badger to Esham. The plans will be submitted to the Board of Supervisors at once and bids will probably be advertised for next week.

SAN FRANCISCO.—Tunnel lighting, etc. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for lighting the Stockton street tunnel have been completed and

are now being installed. The tunnel will be opened on December 10. Both the electric wiring and street work is included. In the contract plans and complete information can be secured from the Board of Public Works.

TRUCKEE, SIERRA CO., CAL.—Auto road construction. Cost not stated. Engineer, County Surveyor, Truckee. Owner, Nevada County. The Truckee Chamber of Commerce at its regular meeting discussed plans for a new auto road between Truckee and Reno, along the banks of the Truckee River, thereby doing away with the steep grades of the present road. This piece of road will be one of the links of the Lincoln Highway. The matter will be considered at the next meeting when it is thought that definite action will be taken on the work.

INFORMED CONCRETE. \$187,616. Engineer, City Engineer, Portland. Owner, City of Portland. Bids for the construction of the proposed sewer in Willow street and East 82nd street have been opened by the City Council and show Gleich and Joplin, Rollchild Bldg., Portland, low on their bid of \$173,494. The work throughout will be of reinforced concrete construction. The bid has been turned over to the City Engineer who will make recommendations at the next meeting of the Council. The engineer's estimate of the work was \$187,616.

STORES AND OFFICES.

SAN FRANCISCO.—Office addition, 32 stories. Class A construction. Cost not stated. Architect, Willis Polk, Hobart Bldg., S. F. Owners, M. H. de Young, Chronicle Bldg., S. F. The present twelve and seventeen story office structure at the corner of Kearny and Market streets will be brought up to a height of 43 stories. In an interview Mr. de Young stated that preliminary plans for this work have been underway for some time and that these provide for a forty-three story building, the new portion of which will be carried on an entirely new steel frame and new footings and foundations carried some ninety feet below the surface. Details of the architectural design were refused by Mr. Polk, who stated that publicity of this important news had been left in the hands of Mr. de Young. Further mention will be made of the work.

MODESTO, STANISLAUS CO., CAL.—Store, 1 story and base. Class C construction. Cost not stated. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner represented by G. H. Embree Co., S. F. The building will be erected at the corner of 10th and J streets and will cover an area of 110 by 60 feet. There will be a number of stores finished in pine and hardwood. Cement floor will be used. Patent store fronts are specified. Exterior of the building will be faced with pressed brick. Plans are being prepared with walls and foundations of sufficient strength to carry additional stories.

OAKLAND, CAL.—Store addition and alteration, \$100,000. Architect, Clay S. Burrell, 400 Bay Street, Oakland. Owners, Friedman & Frank. The three story building at the northeast corner of 24th and Washington streets will undergo alterations. A new entrance will be constructed and a pleasant floor put in. New store fixtures are also to be installed and a contract for

this work has been let to Corbett & Bayliss. Other parts of the work are now out for figures.

SACRAMENTO, CAL.—Stores, 1 story and base, brick, \$ 0,000. Architect, none. Owner, Gene Pendergast, 1311 22nd street, Sacramento. The building will be erected on Third street and will cover a considerable ground area. There will be several stores. Interiors will be finished in pine throughout. Patent store fronts are specified. A cement floor will be used. Exterior of the building will be faced with pressed brick. Plans have been completed and are in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, Alameda County, California.—Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until **Monday, December 28, 1914, at 10 o'clock A. M.** (The day when said bids will be opened and the contract awarded) for the installation of steel roller book shelf cases in the office of the Recorder of Alameda County. Specifications for said work are on file in the office of the County Clerk, subject to inspection of bidders.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to John P. Cook, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

(Seal) **JOHN P. COOK,**
Clerk of the Board of Supervisors.

PROPOSALS FOR EXCAVATION.

EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m. December 22, 1914,** for earthwork on Greenfields distribution system, Greenfields, South of Great Falls, Mont., involving about 355,000 cubic yards of excavation. The work is situated on the north side of Sun River, about 25 miles northwest of Great Falls, Mont., about 8 miles north of Fort Shaw, Mont., on the Sun River branch of the Great Northern Railway, and about 6 miles south of the towns of Bole, Sloan and Cordova, Mont., on the Choteau branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR BUILDING.

BUILDING—Fort Huachuca, Ariz.—Sealed proposals, in triplicate, will be received here until **1 p. m. December 21, 1914,** and then opened for furnishing all materials and labor and constructing, complete, five double captains' quarters, one eight set bachelor officers' quarters, five barracks, two lavatories, seven stables, one hayrack and remodeling buildings 19, 1, 58 and 60. For information address the constructing quartermaster.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, at St. Ignatius, Mont., until **2 o'clock p. m. December 22, 1914,** for the construction of structure in Public lands, involving about 9,500 cubic yards of excavation, 1,050 cubic yards of concrete,

1,000 square yards of paving, the placing of about 75,500 pounds of reinforcing steel and the manufacturing and laying of about 2,300 linear feet of concrete pipe. The work is situated on the east side of the Flathead River, from 6 to 12 miles southwest of Polson, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignatius, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR \$50.—Proposals for Steel Rolling Doors, Wire Cables and Attachments, Galvanized Sheet Steel, Rivets, Bolts, Washers, Cable Clips, Turnbuckles, Bronze Bars, Carpenters' Squares, Metallic Tapes, Manila Rope, Leather Belting, Flax Packing, Sandpaper, Chamois Skins, Ships' Felt, Window Glass, Lye, Metal Polish, Lamp, kerosene, Oil, Japan Dries, Varnish, Linoleum, Engine Truck Paint, Chrome Yellow, Bristol Board and Paper.—Sealed proposals will be received at the office of the general purchasing agent, the Panama Canal, Washington, D. C., until **10:30 a. m., December 14, 1914,** at which time they will be opened in public, for furnishing the above mentioned articles, blanks and general information relating to this circular (No. 586) may be obtained from this office or the office of the assistant purchasing agent, 1068 North Point street, San Francisco, Cal.; also from the U. S. engineer's offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR HIGHWAY BRIDGE.

STEEL HIGHWAY BRIDGE—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the Moencopi Wash, near Tuba, Ariz.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until **2 o'clock p. m. of December 14, 1914,** for furnishing materials and labor for the erection of a 70-foot steel highway bridge across the Moencopi Wash, Western Navajo Indian Reservation, Ariz., in strict accordance with the plans, specifications and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouses at Phoenix, Ill.; St. Ignatius, Mont., Neb.; and San Francisco, Cal.; the Builders' Exchanges at Portland, Ore., and Spokane, Wash., and at the Western Navajo School, Tuba, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. December 12, 1914,** and then they will be publicly opened, for three temporary one-story wooden ward pavilions at the naval hospital reservation, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the naval yard, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CRANES.

CRANES—Sealed proposals indorsed "Proposals for Electric Traveling Cranes" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. December 12, 1914,** and then they will be publicly opened, for three electric traveling shop cranes at the naval station, Pearl Harbor, Hawaii. Plans and specifications may be obtained on application to the bureau, H. R. STANFORD, chief of bureau.

PROPOSAL FOR GAS RECORDER.

GAS RECORDER—Sealed proposals indorsed "Proposals for Flue-Gas Re-

corder" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. December 12, 1914,** and then they will be publicly opened. Plans for a flue gas recorder at the United States naval hospital heating plant, Mare Island, Cal. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Mare Island, Cal. H. R. STANFORD, chief of bureau.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of **10 o'clock p. m. and 3 o'clock p. m. Wednesday, the 16th day of December, 1914,** for doing the following work to wit:

The sheet metal covering of down pipes and lantern of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file at the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred (100) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$7,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the clerk of the Board of Public Works, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application to the office of the Architect and Engineer. Proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR ELECTRICAL SUPPLIES.

ELECTRICAL SUPPLIES—Office of the Quartermaster, Fort Bayard, N. M.—Sealed proposals will be received here until **2 p. m. December 14, 1914,** for furnishing miscellaneous quantities of electrical supplies, including choke coils, 3 lightning arresters, watt hour meter, 3 lightning arresters, 1 water wheel, 1 electric pump, 1 pump, 1 transformer, 3 standard wrenches, 4 pipe wrenches, 1 piler, screwdrivers, 6 files and 9 twist drills. For further information address C. E. ELLYFSON, secretary, Fort Bayard, Ariz., acting quartermaster.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposal will be received at the office of the United States Reclamation Service, St. Ignatius, Mont., until **3 o'clock p. m. December 15, 1914,** for the construction of about 38 miles of canals and laterals, involving the excavation of about 106,000 cubic yards of material. The work is situated on the east side of the Flathead River, about 18 miles southwest of Polson, Mont., and 9 miles west of Fort Shaw, Mont. For particulars address the U. S. Reclamation Service, Washington, D. C.; Great Falls, Mont., or St. Ignatius, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR STEEL TANKS.

STEEL TANKS—Sealed proposals indorsed "Proposals for Fuel-Oil Tanks," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. December 12, 1914,** and then they will be publicly opened for nine 2,100-gallon steel fuel-oil storage tanks at the navy yard, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau, H. R. STANFORD, chief of bureau.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$35,000. San Francisco, Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Mrs. M. E. Etienne. The building will be erected at the northwest corner of Fell and Clayton streets, covering a considerable ground area. Interior has been arranged to contain a number of two and three room suites with wall beds and private bath rooms. Pine, redwood and elm panels will be used for interior finish. Some oak floors are specified. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat, a hot water system and vacuum cleaning. Entrance will be finished in marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco, Architect, E. H. Denke, 1317 Hyde street, S. F. Owner, Joseph Neustadter. The building will be erected at the southeast corner of Clay and Franklin streets, and has been designed to contain six high class apartments of six rooms and bath. Interiors will be finished in pine, redwood, white enamel and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and open fire places. Mantels will be of tile. Bath rooms will be finished in tile and composition floors. Marble and tile wainscot will be used in the entrance. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

TRAFFIC BRIDGE—Steel and concrete construction, \$15,000. San Francisco, Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. The bridge will be erected across East Street from a point north of the Ferry Tower and will be 22 feet high. It will be carried on four sets of columns. The traffic way will be 12 feet wide and will be covered with asphalt. Bids will be called for shortly by the State Board of Harbor Commissioners.

BRIDGE—Steel highway type. Cost not stated. Tuba, Ariz. Engineer, Commissioner of Indian Affairs, Washington, D. C. Owners, United States Government. Plans for a large steel highway bridge which will be erected over the Moencopi Wash near Tuba have been completed and are now out for figures. Bids will be opened on December 22. Plans are on file at the San Francisco Indian Warehouse. An official proposal appears in another column of this issue.

CAR BARN LIGHTING SYSTEM—Cost not stated. San Francisco, Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans are now out for figures for installing the lighting system, including fixtures and lamps, in the new portion of the Geary Street Municipal Car

Barns. Bids will be opened by the Board of Public Works on December 9th. Plans and specifications can be secured from the City Department of Architecture.

CAR BARN—2 story and base, reinforced concrete and steel. Cost not stated. San Francisco, Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing the first story of the Seventeenth Street Car Barns show R. W. Moller low at \$168,991. No award has been made. A complete list of the bids will be found under the heading of San Francisco in this issue.

OFFICE ADDITION—32 stories. Class A construction. Cost not stated. San Francisco, Architect, Willis Polk, Hobart Bldg., S. F. Owners, M. H. de Young, Chronicle Bldg., S. F. The present twelve and seventeen story office structure at the corner of Kearny and Market streets will be brought up to a height of 43 stories. In an interview recently Mr. de Young stated that preliminary plans for this work have been underway for some time and that these provided for a forty-three story building, the new portion of which will be carried on an entirely new steel frame and new footings and foundations carried some ninety feet below the surface. Details of the architectural design were refused by Mr. Polk, who stated that publicity of this important news had been left in the hands of Mr. de Young. Further mention will be made of the work.

RESIDENCE—2 story and base, frame, \$15,000. San Francisco, Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Dr. Guido Ciglieri. The dwelling will be erected at the corner of Larkin and Lombard streets, and has been designed to contain twelve rooms, three baths and sleeping porch. Provision has been made in the basement for a private garage. Interior of the house will be finished in pine and hardwoods with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot will be used in the bath rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco, Architect, none. Owner, E. R. Hayden, Phelan Bldg., S. F. The dwelling has been designed for a seven room house and will be erected on the east side of 14th street south of Rivera. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of

the owner who will do the work by Day Labor.

RESIDENCE—1 story and base, frame. Cost not stated. San Francisco, Architect, H. C. Ingman, Chronicle Bldg., S. F. Owner, G. Savaterra. The dwelling has been designed to contain 12 rooms and bath and will be erected on the west side of Vermont north of 18th street. Interior will be finished in pine and redwood. Some oak floors will be used. There will be a large open fire place in the living room. Mantel will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being taken.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco, Architect, none. Owners, Johnson & Johnson, 808 11th street, S. F. The house will be erected on the east side of 21st avenue south of Geary, and has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco, Architect, none. Owner, Hansen Walton, 28th avenue and Clement, S. F. These two houses will be erected on the west side of 28th avenue south of Clement street and each has been designed to contain six rooms and bath. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Automatic water heaters will be installed. Bath rooms will be finished in tile. Interiors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco, Architect, none. Owners, United States Building, Realty and Investment Co., Crocker Bldg., S. F. The house will be erected on the east side of 14th street north of Adams and will contain six rooms and bath. Interior will be finished in pine and redwood with some oak floors. There will be a large open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day

Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, William Helbing, 1420 Market street, S. F. Owner, Phil Hannon, Pacific Gear and Tool Co. The dwelling will be erected at the corner of 13th avenue and Fulton street, and has been designed to contain seven rooms and bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SHEET METAL WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Plans have been completed for the sheet metal covering for the dome of the new City Hall. Bids are now being taken and will be opened by the Board of Public Works on December 16th. Plans and specifications can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

EXHIBIT BOOTH—Frame construction, \$1,500. San Francisco. Architect, Bernard Joseph, First National Bank Bldg., S. F. Owners, Schloss Manufacturing Co. This booth will be erected in the Manufactures Palace. The most important parts of the work will be mill work, plastering, glass and electric work. Plans are complete and figures are being taken.

MACHINE SHOP—1 story and base, brick, \$6,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owner, John McConaghy. The building will be erected on the south side of Grove street west of Polk, having a frontage of 34 feet and a depth of 120 feet. Interior will be finished in pine. A cement floor will be used. Metal window sash and frames are specified. Exterior will be covered with pressed brick. Plans are complete and figures are now being taken.

FLATS—2, 3 story, frame, \$4,500 each. San Francisco. Architect, W. H. Armitage, 238 Montgomery street, S. F. Owner, A. Cadenazo. These two buildings will be erected on the east side of Powell street south of Lomhard, and each will contain two modern flats of four and five rooms. Frontages will be 20 feet and the depth 53 feet. Basement will be arranged for private garage. Interior will be finished in pine and redwood with some hardwood floors. Interior will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures have been taken under advisement by the architect.

FLAT ALTERATION AND REPAIRS—Frame construction, \$2,000. San Francisco. Architect, none. Owner, M. Gotelli, 2009 Stockton street, S. F. This work will consist of repairing the recent fire damage, and will

include new interior finish, plastering, painting, plumbing and electric work. But little exterior work is necessary. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—3 story and base, frame, \$6,500. San Francisco. Architect, none. Owner, Mrs. M. A. Webster 741 4th avenue. This building will be erected on the west side of 44th avenue north of Balboa street, having a frontage of 15 feet by a depth of 61½ feet. Interior has been arranged for three modern flats of five and six rooms. Interiors will be finished in pine, redwood and elm. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Entrances will have tile wainscot. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLAT ALTERATION—Frame construction, \$2,000. San Francisco. Architect, John T. Kidd, 456 Clipper street, S. F. Owner's name withheld. This work will consist of remodeling a frame residence into two, modern flats. Included in the work will be interior finish, plastering, plumbing, electric work and painting. Open fire places will be installed. Exterior of the building will be covered with cement plaster. Plans are complete and figures are being taken.

HOTEL—5 story and base. Class C construction, \$50,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building will be erected on Sutter street west of Taylor and will cover a considerable ground area. Plans show a total of 60 guest rooms, both single and en suite. Nearly all rooms will have private baths. Interior will be finished in pine and hardwood. There will be steam heat and a hot water system, elevator service and vacuum cleaning. Bath rooms will be finished in tile with composition floors. Entrance will have marble wainscot and tile floor. Some ornamental plaster will be used in the lobby. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

MUNICIPAL POWER PLANT—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing the power plant equipment at the Municipal Plant in the Civic Center show the Davis-Rogers Co. low at \$11,950. They will probably be awarded the contract.

ROAD CONSTRUCTION—Cost not stated. Visalia, Tulare Co., Cal. Engineer, County Surveyor, Visalia. Owners, Tulare County. The County Surveyor has completed plans for a road to be built from Badger to Esham. The plans will be submitted to the Board of Supervisors at once, and bids will probably be advertised for next week.

TUNNEL LIGHTING, ETC.—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for lighting the Stockton

street tunnel have been completed and figures are now being called. Bids will be opened on December 16th. Both the electric wiring and fixture work is included in the contract. Plans and complete information can be secured from the Board of Public Works.

AUTO ROAD CONSTRUCTION—Cost not stated. Truckee, Nevada Co., Cal. Engineer, County Surveyor, Truckee. Owners, Nevada County. The Truckee Chamber of Commerce at its regular meeting discussed plans for a new auto road between Truckee and Reno, along the banks of the Truckee River, thereby doing away with the steep grades of the present road. This piece of road will be one of the links of the Lincoln Highway. The matter will be considered at the next meeting when it is thought that definite action will be taken on the work.

Contracts Awarded.

MUNICIPAL CAR BARN—1 story and base. Class A construction, \$196,300. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractor, R. W. Moller, S. F. Contract price, \$196,900.

STEAM DISTRIBUTION SYSTEM—Cost not stated. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for constructing an underground steam distributing system in the Civic Center show Robert Dalziel, Jr., Co. low on both propositions as follows: Proposition A, \$21,100 and Proposition B, \$18,930.

APARTMENT HOUSE—7 story and base. Class A construction. Cost not stated. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owner, Mr. Morsehead. Contractors, Williamson Bros. & Henderson, Holbrook Bldg., general construction. Cost not stated. James Pinkerton, plumbing. Standard Electric Co., electric work.

City Bids Opened

R. W. Moller Presents Low Bid For First Story of New Municipal Car Barns. F. Rolandi Gets California Linc.

Bids were opened at the Wednesday afternoon meeting of the Board of Public Works for constructing track for the California street Municipal Railroad and for constructing the first story of the Potrero avenue car barns. F. Rolandi presented the low figure for the California Street Railroad at \$101,303 with Peterson & Grier next low at \$103,001, a difference of about \$1,700. F. Rolandi will be awarded the contract at the Friday morning session of the Board of Public Works.

This contract calls for track grading, paving and laying of the steel. Steel will be furnished by the City and County.

R. W. Moller presented the lowest figures for constructing the car barns at \$168,994. Following is a complete list of the firms bidding on the work:

Municipal Car Barns (First Story.)
H. L. Peterson \$245,000
Lindgren Co. 204,475
F. Rolandi 204,119
Grant Fee 213,000

J. J. Leonard..... 193,912
T. W. McClennahan..... 209,972
K. W. Moller..... 168,994
C. W. Wold Co..... 218,597
Sound Constr. & Eng. Co..... 218,590
M. Fischer..... 209,750
Clinton Fireproofing Co..... 196,900
James L. McLaughlin..... 197,874

The following firms submitted figures for the California Street Railroad work but as only the two lowest bids were intaled a list of their bids can not be published.

California Street Railroad.

Lindgren Co.....
Peterson & Grier..... \$163,001
A. Borland.....
F. Rolandi..... 101,305
Raisch Improvement Co.....
Mahony Bros.....
Eaton & Smith.....
Karl Ehrhart.....
Contra Costa Constr. Co.....
Healy-Tibbitts Constr. Co.....

At the Friday morning meeting of the Board of Public Works a contract was awarded to the Clinton Fireproofing Company for constructing the first story of the Seventeenth Street Municipal car barns. The contract price is \$196,900. The bid of R. W. Moller, which was low, has been withdrawn. No contract was awarded for the California Street line of the Municipal Railroad system as a provision of the contract was that the work should be started at once. Because of the Christmas shopping the Board has decided to hold the award until after the holidays.

Bids were opened at the same meeting for furnishing and installing equipment for the Municipal Power Plant in the Civic Center. Davis-Rogers Co. submitted the lowest figure for the equipment for the power plant at \$11,950, and the Robert Dalziel Jr. Co. the lowest bid for the underground steam system. Following is a complete list of the bids received:

Equipment Civic Center Power Plant.
Robert Dalziel Jr..... \$12,600
Davis-Rogers Co..... 11,950
Turner Co..... 12,694
Siebert Co..... 12,400
Wittman Lyman Co..... 12,148
Pacific Fire Ext. Co..... 13,500
Scott Company..... 11,994

Underground Steam Distribution System, Civic Center.

Robert Dalziel Jr., Prop. 1, Proposal A, —; B \$21,100; Prop. 2, Proposal A —; B \$18,930.
Scott Co., Prop. 1, Proposal A, \$28,560; B, \$23,250; Prop. 2, Proposal A, \$24,660; B, \$20,440.
F. P. Walsh, Bid void (no check).
Wittman Lyman Co., Prop. 1, Proposal A, \$27,830; B, \$ —; Prop. 2, Proposal A, \$23,964; B, \$ —.
Kiernan & O'Brien, Prop. 1, Proposal A, \$28,676; B, \$25,076; Prop. 2, Proposal A, \$28,584; B, \$22,164.

Addition Planned For Chronicle Building.

M. H. de Young Considering Plans of Architect Willis Polk to Make Building Forty-three Story Skyscraper.

Seattle is no longer to have the distinction of having the tallest skyscraper west of Chicago for within the

coming year San Francisco will boast of a forty-three story building, according to an interview granted the "Bulletin" yesterday by M. H. de Young of the Chronicle.

Mr. de Young stated that Architect Willis Polk was at work on plans, preliminary details of which had been worked out, for an addition to the present Chronicle building at the corner of Kearny and Market streets, which would give to that building the distinction of being the tallest structure west of Chicago. The new addition will be superimposed on top of the present building and will consist of sufficient stories to bring the entire building, both the old and new portion, to a height of forty-three stories. It is not the intention of the architect to carry the new portion on either the foundations or frame of the old building but to carry new footings to a depth of ninety feet and then pierce the floors of the old building and erect through these holes an entire new frame which will carry only the new additional stories.

In speaking of the design and other matters of construction Mr. Polk refused to go into details, saying that any publicity was in the hands of Mr. de Young, whom he expected would announce his important news early in January.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.
3985	Sokolov	Pae Iron	1385
3986	Dieckmann	Burns	2500
3987	Gendotti	Bryant	2835
3988	Same	Gibbs	567
3989	Same	Globe	622
3990	Same	Bulter	2138
3991	Same	Pacific Strl	887
3992	McConaghy	Heckenroth	5225
3993	Novi gem Jewel	Chisholm	3930
3994	Muller	Miller	2857
3995	Tomokins	Brady	2500
3996	Moore	Bay City	2822
3997	Kilkenny	Grant	2500
3998	Fed Res Bk.	Herring	250
3999	Same	Moree	485
4000	Berson	Berson	1500
4001	Lapham	Lapham	2000
4002	U S Bldg Rlty.	Owner	2000
4003	Tallant	Broeckner	800
4004	Connolly	Connolly	1000
4005	Johnson	Johnson	2500
4006	Heneberry	Cavaglieri	900
4007	Schafer	Lewis	550
4008	Morris	Fisher	2500
4009	Walton	Walton	700
4010	Peterson	Holt	1450
4011	Bent	Bent	2000
4012	Gottlieb	Gottlieb	2500
4013	Walton	Walton	2111
4014	State New York	Wright	1250
4015	Ceschini	Lopez	1250
4016	Sells	Shiley	400
4017	Lichtenstein	Hendersson	400
4018	Compagno	Polati	600
4019	Goldstein	Grauer	450
4020	Rogel	Brumfield	400
4021	Shumate	Holm	1500
4022	Herold	Herold	400
4023	Hall	Hall	500
4024	Hanlon	Hanlon	100
4025	Vidich	Hein	100
4026	Hayden	Hayden	2000
4027	Palmer	McCausland	100
4028	Kennedy	Munster	16100
4029	Dooly	McLeran	750
4030	Brownley	McMullin	400
4031	Fisher	Crocker	1000
4032	Crocker	Empire Pl	2000
4033	Lehrke	Turner	100
4034	Same	Johnson	10000
4035	Sam	Keystone	877
4036	Beckie C & C	St. order	10000
4037	Castley	Coburn	400
4038	Postel	West	100
4039	Meach	Day	100
4040	Iowa	Smith	1000
4041	Trubert	Tsching	1000
4042	Honkins	Mayer	1000
4043	Fisher	Fisher	100
4044	Old South	Henderson	1750

441	Giosdano	1000
442	Donner	1000
443	Donner	1000
444	Yachelt	1000
445	Yachelt	1000
446	Yachelt	1000
447	Yachelt	1000
448	Yachelt	1000
449	Yachelt	1000
450	Yachelt	1000
451	Yachelt	1000
452	Yachelt	1000
453	Yachelt	1000
454	Yachelt	1000
455	Yachelt	1000
456	Yachelt	1000
457	Yachelt	1000
458	Yachelt	1000
459	Yachelt	1000
460	Yachelt	1000

ELEVATOR WORK.

(3986) N POWELL, bet 19th and 20th. Ornamental elevator fronts and cages for building.
Owner J. Sokolov, 1871 O'Farrell, San Francisco.
Architect None.
Contractor Pacific Iron Works, 601 Market, San Francisco.
Filed Nov. 30, '14. Dated Nov. 16, '14.
Entire job installed..... 750
Usual 35 days..... 200
TOTAL COST, \$1350

Bond, limit, forfeit, none. Plans only filed.

DWELLING.

(3986) NE ATHENS AND GENEVA, being Lot 3 Bk 19 Crocker Amazon Tract. All work for one-story and basement frame dwelling house.
Owner H. Diekmann, 172 Dorland, San Francisco.
Architect None.

Contractor J. M. Burns, 101 Thornton Ave., San Francisco.
Filed Nov. 30, '14. Dated Nov. 27, '14.
Frame up..... 600
1st coat plaster on..... 600
Completed and accepted..... 675
Usual 35 days..... 625
TOTAL COST, \$2500
Bond, \$1250. Surety, Minola Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

CLASS "C" STORE BUILDING.

(3987) NE OCTAVIA AND HAYES N 20th St 38-3 W A 149. Carpentry, joinery, mill, glazing, hardware, lath and plaster, electric work for one-story and basement Class "C" store building.

Owner L. Gendotti Estate Co., Inc. 1st National Bank Bldg., San Francisco.
Architect O'Brien Bros., Inc., Clunie Bldg., S. F.
Contractor A. W. Bryant, 1145 9th Ave., San Francisco.
Filed Nov. 30, '14. Dated Nov. 27, '14.

Ceiling joists in..... \$7.50
Brown coated..... 708.75
Completed and accepted..... 708.75
Usual 35 days..... 208.75
TOTAL COST, \$1350.00
Casualty Co. Limit, 45 days. Forfeit, Bond, \$420. Sureties, Pacific Coast none. Plans and specifications filed.

(3988) PLUMBING, GAS FITTING

and sewerage on above.
Contractor David Gibbs, 871 14th Ave., San Francisco.

Filed Nov. 30, '14. Dated Nov. 18, '14.
Plumbing roughed in..... 100.00
Completed and accepted..... 25.00
Usual 35 days..... 100.00
TOTAL COST, \$125.00

Bond, \$200. Surety, Pacific Coast Casualty Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(3989) SKYLIGHTS, GALVANIZED iron cornice work and square railing etc on above.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKS

Established 1886—Incorporated 1913

Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

Contractor..The Globe Sheet Metal Works, 495 Hayes, S. F.
 Filed Nov. 30, '14. Dated Nov. 13, '14.
 50% of work in place.....\$155.60
 Usual 35 days.....466.90
TOTAL COST, \$622.50
 Bond, none. Limit, 30 days after brick work done. Forfeit, none. Plans and specifications filed.

(3990) BRICK WORK, TERRA COTTA flues, etc., on above.

Contractor...M. R. McGowan and J. J. Butler, 180 Jessie, S. F.

Filed Nov. 30, '14. Dated Nov. —
 Brick work scaffold high....\$34.50
 Brick work up to ceiling joist level 354.50
 Brick work completed..... 354.50
 Usual 35 days..... 354.50
TOTAL COST, \$2138.00

Bond, \$1069. Surety, The Aetna Accident & Liability Co. Limit, 20 days after concrete basement walls done. Forfeit, none. Plans and specifications filed.

(3991) BOND IRON, ANCHORS, WINDOW guards, side wall doors, cast iron and steel on above.

Contractor...Pacific Structural Iron Works, 370 10th, S. F.

Filed Nov. 30, '14. Dated Nov. —
 Steel and iron delivered.....\$330.00
 Completed and accepted..... 335.25
 Usual 35 days..... 221.75
TOTAL COST, \$887.00

Bond, \$444. Surety, The Aetna Accident & Liability Co. Limit, 10 days after basement walls done. Forfeit, none. Plans and specifications filed.

BRICK BUILDING

(3992) S GROVE 143-1½ E Van Ness Ave E 34-1½ S 120 W 36-2½ N 34-3½ E 2-1½ N 85-8½. All work for one-story brick building.

Owner.....Mary A. and Jno. McConaghy.

Architect...W. H. Crim, Jr., 425 Kearny, San Francisco.

Contractor..Heckenroth & Schell, 110 Jessie, San Francisco.

Filed Dec. 1, '14. Dated Nov. 28, '14.
 Roof trusses on.....\$133.25
 Roof on and concrete floor level 1331.25
 Completed and accepted..... 1331.25
 Usual 35 days..... 1331.25
TOTAL COST, \$5325.00

Bond, \$2700. Surety, The Aetna Accident & Liability Co. Limit, 35 days. Forfeit, \$10. Plans and specifications filed.

EXHIBITION BUILDING

(3993) EXPOSITION SITE. All work for erection of building known as Pavilion of Jewels.

Owner.....Novagem Jewel Co.

Architect...Wm. C. Hays, 1st Nat'l Bank Bldg., S. F.

Contractor...R. A. Chisholm, 180 Jessie, San Francisco.

Filed Dec. 1, '14. Dated Nov. 25, '14.
 Frame up 20%
 Plastering done 40%

Building completed 15%
 Usual 35 days..... 25%

TOTAL COST, \$3990

Bond, \$2000. Sureties, Jno. McGuigan and J. W. Smith. Limit, 50 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(3994) SW JERSEY AND NOE S 39x W 80. All work except shades and light fixtures for one-story and basement frame dwelling.

Owner.....Carolina Muller, 1140 Noe, San Francisco.

Architect...August Nordin, Mills Bldg San Francisco.

Contractor..Fred Miller, 225 Dolores, San Francisco.

Filed Dec. 1, '14. Dated Nov. 24, '14.

Frame up, enclosed and main roof sheathed\$970
 Brown coated 970
 Completed and accepted..... 970
 Usual 35 days..... 975
TOTAL COST, \$3885

Bond, \$1943. Surety, New Amsterdam Casualty Co. Limit, 68 days. Forfeit, \$5. Plans and specifications filed

ALTER BRICK BUILDING

(3995) S SACRAMENTO 156-3 E Lyon S 137-6x E 50. Alterations and additions to one-story brick building.

Owner.....Susan T. Brown, Julia B. Carey, Elhel H. Mangie & Philip W. Tompkins, 108 Front, San Francisco.

Architect...Welsh & Carey, Merchants Nat'l Bank Bldg., S. F.

Contractor..M. V. Brady, Monadnock Bldg., San Francisco.

Filed Dec. 1, '14. Dated Nov. 27, '14.

1st and 15th of each month... 75%
 Usual 35 days..... 25%
TOTAL COST, \$5500

Bond, \$2750. Surety, National Surety Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

WOOD AND METAL BUILDING

(3996) E FOLSOM 223 N 19th N 38x E 122-6. All work for concrete foundation, wood and metal building for

C. Roman Company.

Owner.....The L. C. Moore Estate Co., Shreve Bldg., S. F.

Engineer...W. J. Dwan.

Contractor..Bay City Bldg. Co.

Filed Dec. 1, '14. Dated Nov. 28, '14.

Foundation in place.....\$530.00
 Frame up 530.00
 Iron on 530.00
 Finished 526.00
 Usual 35 days..... 705.50
TOTAL COST, \$2822.00

Bond, none. Limit, 25 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(3997) W DOUGLASS 103 S Caselli Ave S 25x W 100. All work for moving and remodeling house to make 2 flats.

Owner.....Emma M. Kilkenny, 4551 15th, San Francisco.

Architect...None.

Nearest to Everything

**POWELL ST. AT O'FARRELL**

Best located and most popular hotel in the City; circulating ice water in every room.

Special attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management.

Chester W. Kelley

Contractor..W. E. Grant, 1032 Irving, San Francisco.

Filed Dec. 1, '14. Dated Nov. 18, '14.

As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$2500

Bond, none. Limit, 90 days from Nov. 25. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Nov. 30, No. 3975.

ALTERATIONS

(3998) NO. 25 MONTGOMERY. Partitions and screens.

Owner.....Federal Reserve Bank of San Francisco.

Architect...N. Blaisdell, 253 California, San Francisco.

Contractor..Herrings Mill, Inc., 559 Brannan, San Francisco.

COST, \$250

ALTERATIONS

(3999) NO. 25 MONTGOMERY. Partitions and screens.

Owner.....Federal Reserve Bank of San Francisco.

Architect...N. Blaisdell, 253 California, San Francisco.

Contractor...C. P. Moore Bldg. Co., Sharon Bldg., S. F.

COST, \$385

ALTERATIONS

(4000) NO. 1039 FILLMORE. Minor changes in theatre and store.

Owner.....G. Bersen, 1037 Fillmore, San Francisco.

Architect...W. L. Schmolle, 166 Geary, San Francisco.

Day's work. COST, \$1500

FRAME DWELLING

(4001) E TWENTY-FIFTH AVE 225 N Anza. Two-story and basement frame dwelling.
Owner.....Frank Lapham, 520 15th Ave., San Francisco.
Architect...None.
Contractor..R. E. Lapham, 1290 12th Ave., San Francisco.
COST, \$2000

FRAME DWELLING

(4002) E CURTIS 175 N Morse. Two-story and basement frame dwelling.
Owner.....United States Bldg. Realty & Investment Co., Crocker Bldg., San Francisco.
Architect...None.
Day's work. COST, \$2000

ALTERATIONS

(4003) NO. 610 GEARY. Ratproof basement, metal lath and plastering ceiling, steel and wood beams for hotel.
Owner.....G. P. Tallant, Santa Barbara, Cal.
Architect...G. Applegarth, Claus Spreckels Bldg., S. F.
Contractor..Brookage, Foley & Green, 1326 Natoma, S. F.
COST, \$800

FRAME FLATS

(4004) E COLERIDGE 200 N Virginia. Two-story and basement frame (2) flats.
Owner.....Thos. J. Connolly, 465 Hill San Francisco.
Architect...None.
Day's work. COST, \$1000

FRAME DWELLING

(4005) E TWENTY-FIRST AVE 125 S Geary. Two-story and basement frame dwelling.
Owner.....Johnson & Johnson, 818 18th, San Francisco.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS

(4006) NO. 260 CONNECTICUT. Alter and repair flats.
Owner.....John Wm. Henneberry, Premises.
Architect...H. C. Baumann, Chronicle Bldg., San Francisco.
Contractor..G. Cavaglieri, 593 Potrero Ave., San Francisco.
COST, \$900

ALTERATIONS

(4007) NO. 59 DOUGLASS. Alter and repair dwelling.
Owner.....Mrs. Schafer, Premises.
Architect...None.
Contractor..Robt. L. Lewis, 41-A Douglass, S. F.
COST, \$550

ALTERATIONS

(4008) NE SAN JOSE AVE AND 26TH. Replace studs and minor alterations.
Owner.....Chas. L. Morris, Mill Valley.
Architect...None.
Contractor..M. Fisher Co., 105 Montgomery, San Francisco.
COST, \$500

FRAME RESIDENCE

(4009) W TWENTY-EIGHTH AVE 150 S Clement. Two-story and basement frame residence.

Owner.....Hanson Walton, 28th Ave. and Clement, S. F.
Architect...None.
Day's work. COST, \$2000

ALTERATIONS

(4010) NO. 282 MARKET. Alter for lunch counter.
Owner.....Mrs. C. P. Watson, Prem.
Architect...C. C. Pondo, 191 R. Richard, San Francisco.
Contractor..C. W. Jacobsen & Hall, 417 Eddy, S. F.
COST, \$100

FRAME DWELLING

(4011) W NINETEENTH AVE 125 S Noreiga. One and one-half-story and basement frame dwelling.
Owner.....Mrs. Gussie Bont, 879 Treat Ave., S. F.
Architect...None.
Day's work. COST, \$1100

REPAIRS

(4012) NO. 2009 STOCKTON. Repair fire damage.
Owner.....M. Gotelli, Premises.
Architect...None.
Day's work. COST, \$2000

FRAME RESIDENCE

(4013) W TWENTY-EIGHTH AVE 125 S Clement. Two-story and basement frame residence.
Owner.....Hanson Walton, 28th Ave and Clement, S. F.
Architect...None.
Day's work. COST, \$2500

ELECTRICAL WORK N. Y. BLDG.

(4014) EXPOSITION SITE. Additional electrical work for New York Bldg.
Owner.....Panama-Pacific Exposition Commission of State of New York.
Architect...Chas. B. Meyers.
Contractor..Charles Wright, 25 Stockton, San Francisco.

Filed Dec. 2, '14. Dated Nov. 9, '14.
As work progresses.....\$50
On completion balance to make 98% of contract price.....
30 days after.....Balance
TOTAL COST, \$2111.33
Bond, \$1100. Surety, American Surety Co. Limit, 76 days. Forfeit, \$10. Plans and specifications filed.

FRAME BUILDING

(4015) S FARRALLONES 150 E Capitol Ptn Lot 1 Bldg "J" Railroad Hld. Assn. All work except gas and electric fixtures for one-story frame building.
Owner.....Luigi Ceschini, 1116 Kearny, San Francisco.
Architect...None.
Contractor..Alexander Lopez.
Filed Dec. 2, '14. Dated Nov. 30, '14.
Rough work done and roof on \$500
Completed and accepted.....100
Usual 35 days.....350
TOTAL COST, \$1350
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications none.

ADDITION

(4016) E HAROLD AVE 376 S Spruce. Add to dwelling.
Owner.....M. Wells, 428 Harold Ave., San Francisco.
Architect...None.
Contractor..J. A. Shipley, 42 Harold Ave., San Francisco.
COST, \$400

(4017) E G. AVE. Alter and repair flat.
Owner.....M. L. Johnston, 111 Eddy, San Francisco.
Architect...M. L. Johnston, 111 Eddy, San Francisco.
Contractor..J. H. Henderson, 900 O'Farrell, San Francisco.
COST, \$400

ALTERATIONS

(4018) NO. 116 CALIFORNIA. Alter and repair flat.
Owner.....L. Campagna, Premises.
Architect...Louis Mastropasqua, 580 Washington, S. F.
Contractor..G. Polati, 2371 Greenwich, San Francisco.
COST, \$600

FRAME STORE

(4019) W SCOTT 25 S Chestnut One-story frame store.
Owner.....Folk & Goldstein.
Architect...None.
Contractor..J. M. Grauer, 1651 O'Farrell, San Francisco.
COST, \$150

ELECTRIC SIGN

(4020) N MARKET 200 W Grant Ave. Electric sign.
Owner.....Regal Shoe Co., Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$100

ELECTRIC SIGN

(4021) SW POWELL AND UNION. Electric sign.
Owner.....Roth & Estes, Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$400

GARAGE

(4022) NW PINE AND SCOTT. One-story frame garage.
Owner.....Dr. Thos. E. Shumate, 2707 California, San Francisco.
Architect...None.
Contractor..Holm & Son, 65 Post, S. F.
COST, \$1500

REPAIRS

(4023) W SAN BRUNO AVE 116 S Army. Repair carriage shop.
Owner.....Chas. Herold, 1522 San Bruno Ave., S. F.
Architect...None.
Day's work. COST, \$100

ADDITIONS

(4024) SE TEHAMA AND SIXTH. Additional concrete piles and underpin hotel.
Owner.....Dr. Underwood Hall, Care Architect.
Architect...W. H. Weeks, 75 Post, San Francisco.
Day's work. COST, \$750

ALTERATIONS

(4025) NO. 100 MENDEL. Alter dwelling.
Owner.....Frank I. Hanlon, Prem.
Architect...None.
Day's work. COST, \$400

ALTERATIONS

(4026) NO. 35 MISSION. Alter and repair restaurant.
Owner.....J. A. Valle, Premises.
Architect...None.

Contractor, Theo. Hein, 270 Coleridge,
San Francisco.

COST, \$400

FRAME DWELLING

(1027) E SEVENTEENTH AVE 57-4 1/2
S Rivera. Two-story and basement
frame dwelling.

Owner, E. R. Hayden, Phelan Bldg
San Francisco.

Architect, None.

Day's work. COST, \$3000

FRAME APARTMENTS

(4028) N TWENTIETH 25 E Colling-
wood 25x75. All work for three-story
and garage frame building (apart-
ments).

Owner, J. H. and Caroline F.
Palmer, 515 Hill, S. F.

Architect, None.

Contractor, McCausland Bros., 4173
23rd, San Francisco.

Filed Dec. 3, '14. Dated Nov. 25, '14.
Frame up & roof rafters in \$1787.50

Brown coated and rough plumb-
ing in 1787.50

Completed and accepted 1787.50

Usual 35 days 1787.50

TOTAL COST, \$7156.00

Bond, \$3600. Sureties, C. H. McCaus-
land and D. H. Clinton. Limit, 90 days.

Forfeit, none. Plans and specifications
filed.

ALTERATIONS

(4030) N SUTTER 112 E Hyde. Alter
front.

Owner, Emelle Dooley, Premises.

Architect, None.

Contractor, McLeran & Peterson,
Sharon Bldg., S. F.

COST, \$750

ADDITIONS

(4031) S SEVENTEENTH 50 W Col-
lingwood. Add 2 rooms to dwelling.

Owner, Mrs. Brownley.

Architect, None.

Contractor, McMullin-Von Voorhies Co
1290 12th Ave., S. F.

COST, \$400

OFFICE, WAITING ROOM, ETC.

(4032) SE FRANKLIN & CHESTNUT.
Erect 10 foot fence, build office, wait-
ing room, toilets, check room and
store room, lighting, etc.

Owner, Jas. Fishel, 1140 Hyde,
San Francisco.

Architect, None.

Day's work. COST, \$1000

ALTERATIONS

(4033) SW GOLDEN GATE & JONES.
Construct entrance, change stairs
and install additional plumbing fix-
tures.

Owner, W. H. Crocker, Crocker
National Bank Bldg., S. F.

Architect, Phillip Overman, Shreve
Bldg., San Francisco.

Day's work. COST, \$1000

FRAME APARTMENTS

(4034) NE IRVING AND SIXTH AVE
Mill work, wall bed, doors, etc., for
three-story and basement frame
apartments.

Owner, W. Lehrke, Old Homestead
Cloverdale, Cal., by W. H.
Fields, 253 Sanchez, S. F.

Architect, Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor, Empire Planing Mill, 750
Irryart, San Francisco.

Filed Dec. 4, '14. Dated Dec. 2, '14.

Mill work for exterior delivered, \$400

Standing finish delivered, 400

Completed and accepted, 700

Usual 35 days, 500

TOTAL COST, \$2000

Bond, \$1000. Surety, J. W. Schouten.

Limit, forfeit, none. Plans and speci-
fications filed.

HEATING APARTMENTS

(4035) NE SIXTH AVE AND IRVING
N 35x E 95. Plumbing, gas fitting
and steam heating for three-story
and basement frame apartments.

Owner, Albert W. Lehrke, Old
Homestead, Cloverdale, Cal.

Architect, Charles J. Rousseau, 46
Kearny, San Francisco.

Contractor, The Turner Co., 218 Na-
toma, San Francisco.

Filed Dec. 4, '14. Dated Nov. 30, '14.

Rough plumbing in and gas and
steam heating plant done, \$827

Completed and accepted, 827

Usual 35 days, 552

TOTAL COST, \$2206

Bond, \$1103. Surety, The Aetna Acci-
dent & Liability Co. Limit, without
delay. Forfeit, none. Plans and speci-
fications filed.

(4036) PAINTING AND WALL
papering on above.

Contractor, Gus Johnson.

Filed Dec. 4, '14. Dated Nov. 30, '14.

Exterior primed and interior 2nd
coated, \$365

Completed and accepted, 366

Usual 35 days, 244

TOTAL COST, \$975

Bond, none. Limit, without delay.

Forfeit, none. Plans and specifications
filed.

(4037) ALL WORK EXCEPT PLUMB-
ing, steam fitting, painting, tiling,
finish hardware, electric fixtures,
walls beds and shades on above.

Contractor, W. H. Fields, 253 San-
chez, San Francisco.

Filed Dec. 4, '14. Dated Nov. 30, '14.

Roof on, \$2500

Brown coated, 2500

Completed and accepted, 2500

Usual 35 days, 2500

TOTAL COST, \$10,000

Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

STATION

(4038) NW TWENTY-FOURTH AVE
and Balboa W 107-6xN 115-4. Orna-
mental iron work for Station "K."

Owner, Pacific Gas & Electric Co.,
445 Sutter, San Francisco.

Architect, None.

Contractor, Keystone Ornamental Iron
& Bronze Works, 830 How-
ard, San Francisco.

Filed Dec. 4, '14. Dated Nov. 30, '14.

On completion, 75%

Usual 35 days, 25%

TOTAL COST, \$875

Bond, \$440. Surety, New England
Casualty Co. Limit, 20 days. Forfeit,
none. Plans and specifications filed.

FRAME BUILDING

(4039) N GREEN 118-1 1-5 E Franklin
E 27-6xN 137-6. All work except
roofing, heating, walls beds and wall
paper for three-story and basement
frame building.

Owner, Jas. A. Cantley, 1370 Green,
San Francisco.

Architect, Edw. E. Young, 251 Kear-
ny, San Francisco.

Contractor, Schroder & McIntosh, 765
Folsom, San Francisco.

Filed Dec. 4, '14. Dated Nov. 27, '14.

Frame up, \$2500

Interior plaster on, 2500

Completed and accepted, 2500

Usual 35 days, 2500

TOTAL COST, \$10,000

Bond, \$5000. Sureties, R. Read and Geo.
Rehn. Limit, 90 days. Forfeit, none.

Plans and specifications filed.

CONCESSION BUILDING

(4040) EXPOSITION SITE. All work
for erection of concession building.

Owner, Postal Studio Co.

Architect, Alfred H. Jacobs, 110
Sutter, San Francisco.

Contractor, Ira W. Coburn, Inc.,
Hearst Bldg., S. F.

Filed Dec. 4, '14. Dated Dec. 1, '14.

Plastering work done, \$500.00

Completed, 317.50

Usual 35 days, 272.50

TOTAL COST, \$1090.00

Bond, \$545. Surety, National Surety Co.
Limit, Dec. 30, 1914. Forfeit, \$10. Plans
and specifications filed.

ADDITION

(4041) MECHANICS INSTITUTE
Building on Post Street. Additional
stacks and shelving in steel for Me-
chanics Institute Library in 3rd floor

Owner, Board of Trustees Me-
chanics Institute, Prem.

Architect, None.

Contractor, M. G. West Co., 353 Mar-
ket, San Francisco.

Filed Dec. 4, '14. Dated Nov. 1, '14.

All equipment delivered, \$2000

50% of balance on completion.

Usual 35 days, Balance

TOTAL COST, \$3360

Bond, \$2680. Surety, Royal Indemnity
Co. Limit, none. Forfeit, none. Plans
and specifications filed.

IOWA STATE BUILDING

(4042) EXPOSITION SITE. Furnish-
ing and installing lighting fixtures
in Iowa State Building.

Owner, Iowa Commission to Pana-
ma-Pacific International
Exposition.

Architect, Shockley & Cleveland.

Contractor, Thomas Day Co., 725 Mis-
sion, San Francisco.

Filed Dec. 4, '14. Dated Nov. 30, '14.

As work progresses, 75%

Usual 35 days, 25%

TOTAL COST, \$450

Bond, none. Limit, Jan. 1, 1915. For-
feit, \$5. Plans and specifications, none.

(Correction in Owner's Address)...
BRICK ROOMING HOUSE & STORES

(4029) SW LARKIN AND ELLIS S 49
xW 87-6 W A S. All work for two-
story and basement brick rooming
house and stores.

Owner, Mary C. & Jos. B. Kennedy
630 Ellis, San Francisco.

Architect, Shea & Lofquist, 550
Montgomery, S. F.

Contractor, Munster & Bornholdt,
1530 Broderick, S. F.

Filed Dec. 3, '14. Dated Nov. 28, '14.

1st story joists in place, \$3000

Enclosed with roof, 3000

Inside finish in place, 3000

Completed and accepted, 3075

Usual 35 days, 4025

TOTAL COST, \$16,100

Bond, \$8050. Surety, Pacific Coast
Casualty Co. Limit, 120 days. Forfeit,
\$50. Plans and specifications filed.

ALTERATIONS

(4043) NE GRANT AVE & MARKET.
Alter for skylights.

Wednesday, Dec. 3, 1914.

BUILDING AND ENGINEERING NEWS

7

Owner.....Union Trust Co., Premises.
Architect...None.
Contractor...Conlin & Roberts, 119 Natoma, San Francisco.
COST, \$1000

FRAME DWELLING

(1044) NW VISITATION & SAWYER.
One-story and basement frame dwlg.
Owner.....Germaine J. Treburg, Care Architects.
Architect...Fabre & Bearwald, Merchants National Bank Bldg San Francisco.
Day's work. COST, \$1000

FRAME DWELLING

(1045) S GENEVA 148 E Paris. One and one-half-story and basement frame dwelling.
Owner.....Margaret Hopkins, Stockton, Cal.
Architect...None.
Contractor...Henry Meyer, 53 Walter, San Francisco.
COST, \$1800

BRICK GARAGE

(1046) W FRANKLIN 815 S Vallejo.
One-story brick garage.
Owner.....Adrian J. Fisher, 1312 Merchants Nat'l. Bank Bldg., San Francisco.
Architect...Wright & Rushforth, 354 Pine, San Francisco.
Day's work. COST, \$1200

ALTERATIONS

(1047) NO. 237 GRANT AVE. Install fireproof metal partitions in 3rd, 4th and 5th stories, with plumbing, electric work, dumb waiter, painting, composition floor in kitchen, etc., for club rooms.
Owner.....Old South Sea Inn, Inc., 237 Grant Ave., S. F.
Architect...None.
Contractor...W. D. Henderson, 487-491 Monadnock Bldg., S. F.
COST, \$1755.50

ALTERATIONS

(1048) NO. 635 CHENERY. Alter and repair store and dwelling.
Owner.....C. Giordano, Premises.
Architect...None.
Contractor...Frank Bonaccorso, 70 Manchester, San Francisco.
COST, \$1000

FRAME FLATS

(1049) S WINTER PLACE 93-6 E Mason. Two-story and basement frame (2) flats.
Owner.....Amedeo Dondero, Prem.
Architect...L. Traverso, 854 Union, San Francisco.
Day's work. COST, \$3000

FRAME DWELLING

(1050) S GENEVA 100 E Mission. Three-story and basement frame dairy and dwelling.
Owner.....Albert J. Enthoff, 320 Hanover, San Francisco.
Architect...T. L. Pfeuger, 1119 Guerrero, San Francisco.
Contractor...Chas. J. U. Koenig, 520 Church, San Francisco.
COST, \$1800

FRAME FLATS

(1051) E TENTH AVE 175 S Balboa. Two-story and basement frame (1 in each) flats.
Owner.....D. H. Varnall.
Architect...None.

Contractor...Ruegg Bros., 719 Pacific Bldg., San Francisco.
COST, \$2500

ALTERATIONS

(1052) NO. 1020 NINETEENTH. Move and alter.
Owner...J. S. Duarte, Premises.
Architect...None.
Contractor...Wm. Horstmeyer & Co., 41 Eureka, San Francisco.
COST, \$1900

FRAME FLATS

(1053) W FORTY FOURTH AVE 283 N Balboa. Three story and basement frame (3) flats.
Owner.....Mrs. M. A. Webster, 741 17th Ave., San Francisco.
Architect...None.
Day's work. COST, \$6500

FRAME LAUNDRY

(1054) NO. 19 ASH AVE. Two-story frame laundry.
Owner.....J. P. Canhapa, Care Architect.
Architect...Fabre & Bearwald, Merchants Nat'l. Bank Bldg., San Francisco.
Day's work. COST, \$1650

FRAME SHOP

(1055) NO. 1393 SAN BRUNO. One-story frame shop.
Owner.....Wm. Rasmussen, 1970 San Bruno, S. F.
Architect...None.
Day's work. COST, \$400

FRAME FLATS

(1056) E TENTH AVE 150 S Balboa. Two-story and basement frame (4 in each) flats.
Owner.....D. H. Varnall.
Architect...None.
Contractor...Ruegg Bros., 719 Pacific Bldg., San Francisco.
COST, \$2520

ALTER INTO FLATS

(1057) E DIVISADERO 152-8 N Clay. Alter 2-story frame building into two flats.
Owner.....Jos. Block, 2214 Divisadero, San Francisco.
Architect...Jos. Cahen, 45 Kearny, San Francisco.
Contractor...Steur & Bury, 1407 O'Farrell, San Francisco.
COST, \$4800

CLASS "C" HOTEL

(1058) SE HYDE AND TURK. Six-story and basement Class "C" hotel.
Owner.....O. A. Craemer, Los Gatos.
Architect...William Koenig, 750 Panmasset Ave., S. F.
Day's work. COST, \$60,000

EXHIBIT BOOTH

(1059) EXPOSITION SITE. All work for erection of exhibit booth in Transportation Building.
Owner.....Thos. Cook & Son, 689 Market, San Francisco.
Architect...None.
Contractor...C. M. Wade & Co., 118 Franklin, San Francisco.
Filed Dec. 3, 14. Dated Dec. 3, 14.
Rough frame up \$112.50
Brown coated " 3.25
Plaster finished and half work in place 28.50
Usual 35 days 71.50
TOTAL COST, \$450.00
Bond, none. Limit, 75 days. Forfeit \$1. Plans and specifications filed.

EXHIBIT BOOTH
(1060) EXPOSITION SITE. All work for erection of exhibit booth in Palace of Machinery Building.
Owner.....The Standard Gas Engine Co., Market and California, San Francisco.
Architect...Duffley & Swain, Royal Insurance Bldg., S. F.
Contractor...W. W. Anderson & Co., 107 Grant Ave., San Francisco.
Filed Dec. 3, 14. Dated Dec. 3, 14.
All work except laying of platform floors 18.0
Platform floors completed 149
Usual 35 days 650
TOTAL COST, \$2279
Bond, \$1300. Sureties, C. E. Reinhart and Otto Schrader. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

EXHIBIT BOOTH

(1061) EXPOSITION SITE. All work for erection of exhibit booth in Palace of Machinery Building.
Owner.....The Standard Gas Engine Co., Market and California, San Francisco.
Architect...Duffley & Swain, Royal Insurance Bldg., S. F.
Contractor...W. W. Anderson & Co., 107 Grant Ave., San Francisco.
Filed Dec. 3, 14. Dated Dec. 3, 14.
All work except laying of platform floors 18.0
Platform floors completed 149
Usual 35 days 650
TOTAL COST, \$2279
Bond, \$1300. Sureties, C. E. Reinhart and Otto Schrader. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

FRAME MISION BUILDING

(1062) S PINE 122-6 E Larkin 45 50x 8 137-6. All work for three-story and basement frame Mission bldg.
Owner...Trustees of San Francisco Japanese M. E. Church, Larkin and Pine, S. F.
Architect...Willson J. Wythe, Central Bank Bldg., Oakland.
Contractor...Johnston Company, 1766 12th Ave., San Francisco.
Filed Dec. 3, 14. Dated Dec. 1, 14.
Foundations completed \$300
Roof rafters on 600
Ready for lathing and exterior enclosed 1000
Plastering completed 1529
Completed and accepted 173
Usual 35 days 1730
TOTAL COST, \$6919
Bond, \$7160. Sureties, J. W. Schouten and J. H. McCallum. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

BOUNDARY FENCE

(1063) EXPOSITION SITE. All work for Exposition boundary fence.
Owner...Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor...Strehle, Freese & Petersen, Exposition Stg., S. F.
Filed Dec. 3, 14. Dated Nov. 27, 14.
All work per spec 750
Usual 35 days 250
TOTAL COST, \$1000
Bond, \$1500. Sureties, Pacific Coast Construction Co., Ltd., 1000 Market St., San Francisco.
\$1. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

NO. 1, 175 S. GRANT AVE AND STOCKTON ST., SAN FRANCISCO, NO. 237

Grant Ave. Jacob Schweitzer 25st Co and Dora Schweitzer as to improvements on leased property....
Dec. 1, 1914—LOT 21 BLK 25, Crocker Amazon Tract. Crocker Estate Co as to improvements on leased property.....
Dec. 5, 1914—NW POLK AND CALIFORNIA W 56-3 N 87-6 W 25 N 25 E 81-3 S 112-6. Mary M Bradbury as to improvements on leased property.....

RELEASE OF BUILDING CONTRACT.

Dec. 4, 1914—S CALIFORNIA 52-6 W 25th Ave W 50x8 100. L M and Betty Shuck with Lincoln U Grant ing, steam heating, painting, tiling, wall beds and shades an above.
Dec. 5, 1914—LOT 8 BLK 19 Crocker Amazon Tract (releasing contract filed Nov. 30, 1914). H Dieckman or Dieckmann with J M Burns...
Released.....Dec. 4, 1914

BUILDING PERMIT FEES.

According to a report compiled the Bureau of Building Inspection of the Board of Public Works collected during the month of November a total of \$1,849.90 for building permits. During the month there was 495 permits issued

BUILDING OPERATIONS FOR NOVEMBER.

Building Construction for Month of November Shows Healthy Figures Although They Fall Below Totals of Last Year.

Building activities throughout the City and County for the month of November shows a total of \$988,587 invested in building construction. Of this amount \$17,500 was for public buildings.

According to the report of the Building Department of the Board of Public Works there was a total of 495 permits issued which makes the total \$988,587.

The report of the Building Department does not include work carried on by the State or Government nor work undertaken by the Municipality, except in the construction of buildings.

A complete and segregated report of the Building Department of the Board of Works is as follows:

Class	No. of Bldgs.	Amount
Class "A"	1	\$100,000
Class "B"	1	1,300
Class "C"	11	327,440
Frames	136	429,146
Alterations	348	103,291
Public Buildings	1	17,500
Total	495	\$988,587

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Nov. 27, 1914—E THIRD 100 S Bryant S 47-6xE 76. San Francisco Invest Corp to H H Larsen & Bro.....
Nov. 16, 1914
Nov. 27, 1914—S CLAY 123-10 W Polk W 68-5 m or l S 127-8 1/4 m or l. Mission Consolidated Realty Co to B A Trobeck & Co.....Nov. 27, 1914
Nov. 27, 1914—E SIXTEENTH AVE 238 S California S 25xE 120. J M

Peters to whom it may concern...
Nov. 27, 1914—E SIXTEENTH AVE 263-6 S California S 26-11xE 120. J M Peters to whom it may concern.....Nov. 24, 1914
Nov. 27, 1914—NE FOURTH AND Clementina 32x80. Mary R Rock and Theresa Dunn vs Robinson & Gillespie.....Nov. 25, 1914
Nov. 27, 1914—S COMMERCIAL 60 E Montgomery S 59-6xE 49-5. Pacific Gas & Elec Co to Forrester Cornice Works.....Nov. 18, 1914
Nov. 27, 1914—LOTS 34 AND 35 BLK "B" Ashbury Park. Blanche Freeman to L L Allen.....Nov. 17, 1914
Nov. 27, 1914—W COLLINGWOOD 60 S 21st S 25xW 125. Mary E Morrow to David Houle.....Nov. 25, 1914
Nov. 27, 1914—E FIFTH AVE 200 S Cabrillo S 25xE 120. Duncan and Christibel Matheson to H E and T W MacArthur.....Nov. 27, 1914
Nov. 28, 1914—N HEARST AVE 125 W Genessee W 25xN 112-6. H Wendt and Sophie Wendt to O E Evans.....Nov. 18, 1914
Nov. 28, 1914—SE POWELL & UNION E 124-8 1/4 SE 19-11 1/4 S parallel with Powell 122-17 1/2 W 137-6 N 137-6. Rose F Debendetti, Regina A Cuneo, Mary L Cuneo and Irene B Cuneo to I R Kissel.....Nov. 24, 1914
Nov. 28, 1914—S GEARY 200 W Larkin W 27-6x120. Frederick F Heine to whom it may concern.....Nov. 27, 1914
Nov. 28, 1914—EXPOSITION SITE. D Ghirardelli Co to Larsen-Sampson Co.....Nov. 24, 1914
Nov. 30, 1914—SW JACKSON AND Mason W 57-6xS 24. Antone Lambuck to A Brisa and G Volpi.....
Nov. 28, 1914
Nov. 30, 1914—E DOLORES 183 S 22nd S 36xE 117-6. Frank P Hart to L J Roberts.....Nov. 30, 1914
Nov. 30, 1914—N LAWTON 82-6 W 10th Ave; No. 420 Lawton. Frank Sosotte to J H Verner.....Nov. 28, 1914
Nov. 30, 1914—W FORTY-SEVENTH Ave 325 N Lawton (L) N 25xW 120. Margaret Flynn to Harry A Diks.....Nov. 28, 1914
Nov. 30, 1914—S SUTTER 87-6 E Montgomery S 124-9 to beg of Lot S 62-7 W 25 S 83-11 1/2 th along Market 92-5 1/2 N 92-6 W 50. Hobart Estate Co to J H Keefe Co, Nov. 25, 1914; Yale & Towne Mfg Co, Nov. 25, 1914; Rudgear Merle Co.....Nov. 25, 1914
Nov. 30, 1914—S CALIFORNIA 107-11 W Kearny S 68-9xW 31. Edward F Franks and Edward D Swift to A W Bryant.....Nov. 27, 1914
Nov. 30, 1914—N BROADWAY 68-9 W Webster W 148-9xN 275. Jas L Flood to California Artistic Metal & Wire Co.....Nov. 20, 1914
Nov. 30, 1914—SE GEARY AND Taylor S 127-6xE 87-6. Clift Realty Co to F G Bellefontaine and G Hudson (as National Lathing & Furring Co).....Nov. 21, 1914
Nov. 30, 1914—E TWENTY-SECOND Ave 175 S Anza S 25xE 120. Thomas and Margaret Hamill to whom it may concern.....Nov. 30, 1914
Dec. 1, 1914—LOTS 29 AND 30 BLK 11 Forest Hill. F C Van Schaick to M Holm & Son.....Nov. 30, 1914
Dec. 1, 1914—W HYDE 87-6 N Pine N 25x117-10. Herman D Hogrefe to H D Hogrefe.....Dec. 1, 1914
Dec. 1, 1914—S NORTH POINT 150 E Devisadero E 600xS 343.75. Pana-

ma-Pacific International Exposition Co to Connary Peterson Co, Inc.....Nov. 27, 1914
Dec. 1, 1914—S KIRKHAM 32-6 E 11th Ave E 25xS 100. Annie Ahkmann to Oscar Swanson.....Nov. 30, 1914
Dec. 1, 1914—S TWENTY-SIXTH 80 W Diamond W 20xS 114. C G Empey Arding Imly C G Empey to whom it may concern.....Completed
Dec. 1, 1914—E TWENTY-FIFTH Ave 150 N Anza N 25xE 120. Elmer E Clark to J J Powers, C H Beckman, A Lettich, B Bryon, W Baldwin, Golden West Sheet Metal Wks, and Massagh & Vannucci.....Dec. 1, '14
Dec. 2, 1914—N TWENTY-NINTH 80 E Castro. H A Wittkopf to M P Kempton.....Nov. 29, 1914
Dec. 2, 1914—NE HAIGHT AND Pierce E 25xN 100. Sam or S Hermann and J B Hermann to Farnochia Petri Co.....Nov. 19, 1914
Dec. 2, 1914—SE PIERCE AND BAY E 600xS 618.75. Panama-Pacific International Exposition Co to Scott Co.....Nov. 30, 1914
Dec. 2, 1914—N UNION 190 W Webster W 25xN 137-6. Florence Davis to M M Finlayson.....Nov. 30, 1914
Dec. 2, 1914—SE STOCKTON AND Union Square Ave. Town & Country Club to W A Goerlicke.....Nov. 18, '14
Dec. 2, 1914—E COMMONWEALTH Ave 133-4 S California S 33-4xE 120-42. Louis Gross to Wm F Yates.....Nov. 24, 1914
Dec. 3, 1914—EXPOSITION SITE. R Bernstrom, Commissioner General of Sweden to Panama-Pacific International Exposition (leaseholder) to Lange & Bergstrom.....Nov. 25, 1915
Dec. 3, 1914—W BATTERY 70 from SW Cor. Broadway and Battery S 67-6 W 117-6 N 67-6 E 20 N 70 E 20 S 70 E 137-6. George H and Lizzie S Mastick to Otto Kruz.....Dec. 2, 1914
Dec. 3, 1914—COMG. AT POINT 137-6 E from SE Hyde and Greenwich E 34-4 1/2xS 137-6. Eulah M Coates to M Holm & Son.....Dec. 1, 1914
Dec. 4, 1914—SE HYDE & GREENWICH E 100xS 68-9. Greenwich Realty Co to R de Luca.....Dec. 1, 1914
Dec. 4, 1914—W SANCHEZ 75 S 30th; No. 1716 Sanchez. Joseph O'Conner to Ward C Brown.....Dec. 2, 1914
Dec. 4, 1914—E TWENTY-SIXTH AV 205-8 S West Clay S 26xE 120. A E or Arthur E and Berthe L Vollmer to Harry Walters.....Dec. 2, 1914
Dec. 4, 1914—S GEARY 50-0 1/4 W Johnston Ave W 25xS 100. Wm A Vorrath to whom it may concern.....Dec. 3, 1914
Dec. 4, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-8 1/4. Mrs Katharine P Hooker to Anderson & Rainey.....Nov. 25, 1914
Dec. 4, 1914—SE PIERCE & BAY E 600xS 618.75. Panama-Pacific International Exposition Co to The Turner Co.....Nov. 30, 1914

LIENS FILED

SAN FRANCISCO COUNTY.

Nov. 12, 1914—N SUTTER 100 W Powell 37-6x137-6 (Grosh Hotel) James L Brown, Inc vs M D Grosh, E G Larzelere and Louise M Sage.....\$10,734.51
Nov. 12, 1914—N SUTTER 100 W Powell W 37-6xN 137-6. Hooper Lumber Co vs M D Grosh, Louise M

Page, M G Larzelere and James L Brown \$444.51
 Nov. 14, 1914—E UTAH 150 S 21st S 25x100. George Ryan vs Margaret Mullin and Thos F Mitchell \$458.66
 Nov. 16, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. San Francisco Drayage Co vs M D Grosh, E G Larzelere and Louis M Sage \$194
 Nov. 16, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. Joseph Deasy vs James L Brown, Inc, M D Grosh, Louise M Sage and E G Larzelere \$33.20
 Nov. 16, 1914—SW BROADWAY AND Powell S 93-6xW 100. Holden-Deuprey Co vs Geo J Panario, Kate Grim, Kate Wirtmore and Geo J Panario \$525
 Nov. 18, 1914—NE CLAY & LEAVENWORTH N 30x E 94. C Carnevali Marble & Mosaic Co vs John R Schroeder \$135
 Nov. 18, 1914—N MISSION 343-43 W Seventh W 31-74XN 165. Baker & Hamilton vs Neil A McLean and Talbot Invest Co \$137.95
 Nov. 19, 1914—SE EIGHTEENTH & Kansas E 37xS 22. C Carnevali Marble & Mosaic Co vs D Corcoletos and Mrs D Corcoletos, John and Mary Milonos or Millas and Margio Kolen and F A Hanson. \$75
 Nov. 20, 1914—NW BUSH & LEAVENWORTH 87-6 on Bush by 59 on Leavenworth. William Barth, H M Seely and Crown Cornice Works vs Ethel Curtaz \$1045.28
 Nov. 24, 1914—SW NEWCOMB AVE (14th Ave South) 225 SE Hawes (H South) SE 75xSW 100 Lot 5 in Blk 284 South San Francisco Hd and R R Ass'n. Santa Fe Lumber Co vs John Hayes \$150.95
 Nov. 24, 1914—W VIENNA 225 N Brazil N 25xW 100. George Ryan vs Guadalupe Lus and John Cerda \$361.43
 Nov. 24, 1914—S ALVARADO 105 W Castro W 25xS 114. Victor Rosenbaum vs Chas H and Nellie Mullen \$100
 Nov. 24, 1914—S LAKE 32-6 W 18th Ave W 25xS 100. R W Kinney Co vs Emma Clinton Rose, C C Turney O E Evans and A Davis. \$218.14
 Nov. 24, 1914—S PACIFIC 90 E Taylor E 24xS 80. J H Kruse vs Maria G Romano, G Mancini and A Sciarroni (as Mancini & Sciarroni) \$83.73
 Nov. 25, 1914—S FELTON 95 W San Bruno Ave 25x102. The Greater City Lumber Co vs A Willbach. \$76.20
 Nov. 25, 1914—N SUTTER 100 W Powell W 37-6XN 137-6. Morris Stulsart Co, \$4344.45; Joseph Deasy \$3759.42 vs M D Grosh, Elizabeth G Larzelere and Louis M Sage and Wm Wade \$1855
 Nov. 25, 1914—S PACIFIC 90 E Taylor E 24xS 80. J S Guerin & Co, \$205.16; Ferdinando Tani, \$207; J Picini, \$300 vs Maria G Romano, C Mancini and A Sciarroni (as Mancini & Sciarroni) \$205.35
 Nov. 25, 1914—S TWENTIETH 200 E Michigan S 133-74x E 79-8. Ralston Iron Works, Inc vs Union Iron Works Co and Thos H Day's Sons \$1855
 Nov. 27, 1914—NW MARIPOSA and Potrero Ave N 100xW 100. American Elec & Gas Fixture Co vs The John Center Co, Gustave Meier and Municipal Hotel Co \$205.35
 Nov. 27, 1914—S CALIFORNIA 82-6 W 25th Ave W 50xS 100. James

Penhly, L. M. and J. M. ... \$1
 Shuck and L. F. ...
 Nov. 27, 1914—N 11N, 30 E W ...
 5 mi 50XN 147 E, 30 E W ...
 and L. W. Flourens, timber ...
 Iron Works vs. McCoy ...
 copn Andrew H. McCoy ...
 Mercantile Trust Co. and Edward ...
 McCreery, extras Andrew H. M ...
 McCreery, dead and Pacific ...
 Casualty Co. and C. F. Burke ...
 Nov. 28, 1914—THIRD No. 1 ...
 line bet. Folsom and Harrison ...
 A. Smith Co. vs. S. Sanil and A. P ...
 Clayburg ... \$4
 Nov. 28, 1914—SW POWELL ...
 California W. 60d 38S 175, Pacific ...
 Mfg Co. vs. L. H. Stry ... \$128.04
 Dec. 2, 1914—W MARKET and ...
 barredo (East) No. 122 11E to ...
 S Commercial W 48 S 30 E ...
 45 S 59-9 E 55-11 NE 18-6, ...
 the Gurney Elevator Co. vs. Henry ...
 Powell Lime & Cement Co. and Th ...
 H Day's Sons ... \$4
 Dec. 2, 1914—E EDINBURGH ...
 N Brazil N 50E 100, Acme Lumber ...
 Co. vs. Louis Piolle, Catherine Mar ...
 que and H. E. Doyal ... \$5.75
 Dec. 3, 1914—N PAGE 106-3 E Shrad ...
 E 25XN 137-6, L. Coppellotti vs ...
 Phillip J. Flaver ... \$50
 Dec. 3, 1914—SW GEARY & LARKIN ...
 W 75XN 120, Geo. G. Hood as ...
 Chicago Hoist Engine Co. vs. P. J ...
 Gartland and Paul I. Karib ... \$147.25
 Dec. 3, 1914—S LAKE 82-6 E 24th ...
 Ave E 50XN 150, Hauptmann Lumber ...
 Co. vs. Fred J. Rieken ... \$1264.15
 Dec. 4, 1914—SW STEVENSON and ...
 Seventh W 75XN 75, C. J. Hillard ...
 Co., Inc. vs. Robert Trost, Antoine ...
 Vaysie, Alexander Vaysie and ...
 Julien Vaysie (as Vaysie Bros) or ...
 Vaysie Bros ... \$1135
 Dec. 4, 1914—W MISSION 210.95 S ...
 23rd W 125 S 25 W 15 S 25 E 140, ...
 N to beg. Samuel Carmill vs ...
 Irving Bros and George U. Hind ...
 \$186.

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—5 story and base. Class C construction, \$100,000. Oakland, Cal. Architect, Clay N. Purcell, Albany Block, Oakland. Owners, United Home Builders. The building will be erected on the west line of Oak street north of 14th, having a frontage of 60 feet and a depth of 140 feet. There will be a total of 150 rooms arranged in suites of from one to four rooms. All apartments will have wall beds and private bath rooms. Besides the usual office, lobby and social rooms, the building will have a large roof garden and art studio. Interior will be finished in pine and hardwood with some ornamental plaster. Bath rooms will have tile floors and wainscot. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being completed and figures will be taken about January 1st.

STORE ADDITION AND ALTERATION—\$3,000. Oakland, Cal. Architect, Clay N. Barrell, Albany 1-108, Oakland. Owners, Foreman & Clark. The three-story building at the northeast corner of 12th and Washington streets will undergo alterations. A new entrance will be constructed and a mezzanine floor put in. New store

RESIDENCE — A story and half frame, \$1,500. Berkeley, Alameda Co., Cal. Architect, H. I. Smith. Highland oakland. Owner A. C. White. The dwelling will be erected on Bay Court, and has been designed for a nine-room house with bath and sleeping porch. Interior will include library at place with side fireplace, dining room, living room, kitchen, breakfast room, and a bathroom. There will be a large front and open porch. A veranda will extend to the porch. The house will be finished in the best manner. An extensive wood finish will be installed. Superior to the house will be covered with cement plaster. All other (1700) new being prepared.

Town of Livermore. The Clerk of the Town Trustees has been directed to advertise for bids for the construction of a fire alarm system at Livermore. The system will consist of 14 boxes. Bids on the work will be opened on December 14th at 8 p. m. Further information may be had from the Clerk of the Town Trustees.

WAREHOUSE—2 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. The building will be erected at the corner of 10th and Harrison streets and will cover a considerable ground area. Interior will not be finished. Construction will be of the extra heavy warehouse type. Metal window sash and frames will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL—6 story and base. Class C construction, \$100,000. Oakland, Cal. Architect's name not given. Owners' names withheld. Contractor Edward Sommarstrom, 212 East 12th street, Oakland, has secured a contract on the percentage basis for a six-story and basement brick and steel hotel to be erected in the Lakeside District. The building will cost about \$100,000. Details will be given out in about a week.

HOTEL AND STORES—7 story and base. Class C construction, \$104,000. Oakland, Cal. Architect, William Wilde, 1725 Broadway, Oakland. Owner, O. T. Mead. The building will be erected at the southeast corner of Tenth and Clay streets and will cover a large ground area. There will be several stores besides the hotel lobby on the first floor. Upper floors will contain a total of 105 guest rooms, nearly all of which will have private baths. Plans provide for steam heat, elevator service, a hot water system, vacuum cleaning and patent store fronts. Interior will be finished in pine and redwood with some ornamental plaster. Marble and tile wainscot will be used. Bath rooms will be finished in tile and have composition floors. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE ADDITION—Frame construction. Cost not stated. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Amalia Tisch. This work will consist of adding a number of two and three room suites to the present building, and will include the customary branches of the work. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. H. Sellander. The dwelling will be erected in the Claremont Tract and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood veneer. Some white enamel will be used in the bed rooms. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house

will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't
2858	Williams	Williams	1600
2859	Hopper	Hopper	2750
2860	Olsen	Corbett	450
2861	Bacon	Soule	500
2862	La Torre	La Torre	1300
2863	Mantino	Perona	400
2864	Blanchard	Saxton	400
2865	McNair	Yates	7000
2866	Rynning	Kringler	2225
2867	Ingram	Sampson	400
2868	Nyman	Nyman	800
2869	Jacobs	Taylor	500
2870	Ayers	Davis	450
2871	Snyder	Gibson	450
2872	Witcher	Kulchar	400
No.	Owner	Contractor	Am't
2873	De Mooy	De Mooy	1000
2876	Schenk	Svenson	400
2877	Muller	Whidden	550
2878	Weismann	Lorenzen	3100
2879	McGuinness	Owner	3000
2881	Pfrang	Pfrang	2500
2882	Pfrang	Pfrang	3500
2883	Sommarstrom	Owner	2000
2884	Lee	Hovey	1600
2885	Nelson	Johnson	500
2886	Rawitzer	De Rome	1500
2887	Levy	Bacuss	1000
2888	Guisti	Brisa	500
2892	Smith	Peterson	\$200
2893	Ayers	Peterson	5539
2894	Harris	Flittner	2055
2895	Pae States Elec.	Corbett	500
2896	Lapham	Lapham	400
2897	Gale	Taylor	3550

DWELLING

(2858) W FIFTY-SEVENTH AVE 32 S E-16th, Oakland. One-story 5-room dwelling.

Owner.....E. R. Williams.

Architect...None.

Days' work. COST, \$1600

DWELLING

(2859) S LERIDA AVE 200 W Carliston, Oakland. One and one-half-story 6-room dwelling.

Owner.....M. E. Hopper & Sons, 90 Glen Ave., Oakland.

Architect...None.

Days' work. COST, \$2750

ALTERATIONS

(2860) NO. 405 TWELFTH, Oakland. Alterations.

Owner.....C. Olsen, Premises.

Architect...None.

Contractor..Corbett & Bayliss, 1110 Franklin, Oakland.

COST, \$450

ALTERATIONS

(2861) NO. 1124 WASHINGTON, Oakland. Alterations.

Owner.....Bacon & Soule, Premises.

Architect...None.

Day's work. COST, \$500

DWELLING

(2862) E EIGHTY-SIXTH AVE 250 N E-14th, Oakland. One-story 5-room dwelling.

Owner.....Peter La Torre, 8615 "A," Oakland.

Architect...None.

Day's work. COST, \$1200

STABLE

(2863) SW LONGFELLOW AND 100TH Aves, Oakland. Two-story stable.

Owner.....P. Mantino, 2275 100th Ave., Oakland.

Architect...None.

Contractor..John Perona, 674 19th, Oakland. COST, \$100

ALTERATIONS

(2864) NO. 4215 TERRACE, Oakland.

Alterations.

Owner.....W. Blanchard, Premises.

Architect...None.

Contractor..Erle Saxton, 4225 Terrace, Oakland. COST, \$400

APARTMENTS

(2865) S PARK VIEW TERRACE 160 E Monticello, Oakland. Two-story 20-room apartments.

Owner.....Irene I. McNair, 1614 Walnut, Berkeley.

Architect...None.

Contractor..L. Yates, 275 Park View Terrace, Oakland.

COST, \$7000

DWELLING

(2866) SE E-TENTH AND SEVENTH Aves, Oakland. All work for one-story dwelling.

Owner.....Edw. Rynning, 629 E-12th, Oakland.

Architect...None.

Contractor..John Kringler, 728 E-14th, Oakland.

Filed Dec. 1, '14. Dated Dec. 1, '14.

Frame and chimneys up..... 1/4

Plastered..... 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$2225

Bond, none. Limit, 70 days. Forfeit,

\$5. Plans and specifications filed.

ALTERATIONS

(2867) NOS. 140-144 THIRTEENTH, Oakland. Alterations.

Owner.....Ingram & Gibson, Oakland

Architect...None.

Contractor..Sampson & McCreary, Okd

COST, \$400

DWELLING

(2868) S LYON AVE 260 E 38th Ave., Oakland. One-story 3-room dwlg.

Owner.....T. Nyman, 3563 Brookdale, Oakland.

Architect...None.

Day's work. COST, \$800

ALTERATIONS

(2869) SE TENTH AND CHESTNUT, Oakland. Alterations.

Owner.....E. Jacobs.

Architect...None.

Contractor..F. G. Tayton, 5237 Miles Ave., Oakland.

COST, \$500

REPAIRS

(2870) NE TWENTY-THIRD AND SAN Pablo Aves, Oakland. Repairs.

Owner.....W. Smith, 12th and Washington, Oakland.

Architect...None.

Contractor..A. L. Davis, 626 Union, Oakland.

COST, \$150

DWELLING

(2871) E MAGEE AVE 200 S California, Oakland. One-story three-room dwelling.

Owner.....F. Snyder, S. F.

Architect...None.

Contractor..J. Gibson, Oakland.

COST, \$450

ALTERATIONS

(2872) NO. 1456 BROADWAY, Oakland. Alterations.

Owner.....W. V. Witcher, 812 Broadway, Oakland.

Architect...None.

Wednesday, Dec. 9, 1914

BUILDING AND ENGINEERING NEWS

Contractor, S. Kulchar & Co., 518 11th, Oakland.

COST, \$100

DWELLING

(2875) NE SIXTY-SECOND AND Racine, Oakland. One-story 1-room dwelling.

Owner.....H. B. De Mooy, Premises, Architect...None, Day's work. COST, \$1000

ALTERATIONS

(2876) NO. 1217 WILLOW, Oakland. Alterations.

Owner.....Miss Eugenie Schenk, 1610 Oxford, Berkeley, Architect...None, Contractor...P. A. Svenson, 1237 11th, Oakland. COST, \$100

ALTERATIONS

(2877) NOS. 1448-50 WEBSTER, Oakland. Alterations.

Owner.....Muller Auto Garage Co., Premises, Architect...None, Contractor...G. B. Whidden, 505 Hadson Road, Oakland. COST, \$550

THEATRE

(2878) W SAN PABLO AVE 400 N Stanford Ave., Oakland. One-story theatre.

Owner.....F. Weismann, 1064 57th, Oakland, Architect...None, Contractor...Fred N. Lorenzen, 6145 Fremont, Oakland. COST, \$3100

DWELLING

(2879) N PARK BLVD 331 E Greenwood Ave., Oakland. One-story 6-room dwelling.

Owner.....James McGuinness, 5615 E 16th, Oakland, Architect...None, Day's work. COST, \$3000

DWELLING

(2880) NO. 629 LINCOLN AVE., Alameda. One-story 5-room dwlg.

Owner.....R. A. Seitz, 627 Lincoln Ave., Alameda, Architect...None, Contractor...J. Norris, 2828 Richmond Ave., Oakland. COST, \$1550

DWELLING

(2881) S FIFTY-EIGHTH 40 W Dover. One-story 5-room dwelling.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland, Architect...None, Day's work. COST, \$2500

DWELLING

(2882) S FIFTY-EIGHTH 40 E Dover, Oakland. One-story 5-room dwlg.

Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland, Architect...None, Day's work. COST, \$2500

DWELLING

(2883) W OAKLAND AVE 300 N Walsworth, Oakland. One-story five-room dwelling.

Owner.....N. T. Sommarstrom, 35 Rose Ave., Oakland, Architect...None, Day's work. COST, \$2000

DWELLING

(2884) S E TWENTY-SIXTH 61 E 21th Ave., Oakland. One-story four room dwelling.

Owner.....Geo. H. Lee, 129 Fruitvale Ave., Oakland, Architect...None, Contractor...C. E. Hovey, 3145 Peralt Ave., Oakland. COST, \$1000

DWELLING

(2885) N MELROSE AVE 60 W 47th Ave., Oakland. One-story three room dwelling.

Owner.....N. Nelson, 2115 50th Ave., Oakland, Architect...None, Contractor...C. Johnson, 2185 50th Ave., Oakland. COST, \$800

FOUNDRY

(2886) N FIFTY-NINTH 100 W Herzog, Oakland. One-story two-room foundry.

Owner.....E. A. Rowitzer and E. B. De Rome, 107 59th, Okd., Architect...None, Day's work. COST, \$1500

ALTERATIONS

(2887) N SEVENTH 100 W Webster, Oakland. Alterations.

Owner.....Levy Estate, Architect...None, Contractor...Bacuss & Kennedy, 565 16th, Oakland. COST, \$1000

REPAIRS

(2888) NO. 951 THIRD, Oakland. Fire repairs.

Owner.....Mrs. Giusti, 401 Columbus Ave., Oakland, Architect...None, Contractor...A. Brisa, 1035 Filbert, Oakland. COST, \$500

FRAME DWELLING

(2892) NW ELLITA AVE & BELLEVUE AVE N 120 W 100 E 147.69 th 47.58 to pt beg, Oakland. All work except plumbing, sewers, heating, trimming hardware, light fixtures, sash, doors, screens and shades for two-story basement and attic frame dwelling (this is to be a double residence.)

Owner.....Florence M. Pearson and Amanda Smith, 752 13th, Oakland, Architect...None, Contractor...Alfred Peterson, 1201 19th, Oakland. Filed Dec. 3, '14. Dated Dec. 1, '14.

Rafters in place..... 1/4
1st coat interior plaster on..... 1/4
Completed and accepted..... 3/4
Usual 35 days..... 1/4
TOTAL COST, \$3200

Bond, \$4100. Sureties, Henry F. Lass and H. J. Quinn. Limit, 120 days. Forfeit, \$1. Plans and specifications filed.

(2893) NW ELLITA AND BELLEVUE Aves N 120 W 100 S 147.69 th 47.58 to pt beg, Oakland. All work except plumbing, sewers, heating, trimming hardware, lighting fixtures, sash, doors, screens, and shades for 2-story basement and attic frame dwlg. (this is to be a double residence.)

Owner.....Ada M. Ayers, 752 13th, Oakland, Architect...None, Contractor...Alfred Peterson, 1201 19th, Oakland. Filed Dec. 3, '14. Dated Dec. 1, '14.

Rafters in place..... 1/4
1st coat interior plaster on..... 1/4
Completed and accepted..... 3/4
Usual 35 days..... 1/4
TOTAL COST, \$3200

Bond, \$4100. Sureties, Henry F. Lass and H. J. Quinn. Limit, 120 days. Forfeit, \$1. Plans and specifications filed.

Contractor, S. Kulchar & Co., 518 11th, Oakland. COST, \$100

ALTERATIONS

(2894) N 40 1/2 T BLK., Oakland. Alterations and addition to two-story frame dwelling.

Owner.....Mr. Mary E. Harp, 1014 Fruitvale Ave., Oakland, Architect...Edwin J. Stevens, 1119 Vallejo, San Francisco, Contractor...Joseph Palmer, 1700 14th Ave., Oakland. Filed Dec. 4, '14. Dated Dec. 1, '14.

Enclosed..... 1/4
Plastered..... 1/4
Accepted..... 3/4
Usual 35 days..... 1/4
TOTAL COST, \$1000

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(2895) NO. 100 TWELFTH, Oakland. Alterations.

Owner.....Pacific States Elec. Co., Premises, Architect...None, Contractor...Corbett & Baynes, 1119 Franklin, Oakland. COST, \$300

ADDITION

(2896) NO. 2129 NINETY-SIXTH AVE, Oakland. Addition.

Owner.....Helen Lapham, Premises, Architect...None, Day's work. COST, \$400

FRAME DWELLING

(2897) E 30 LOT 25 AND W 13 LOT 29 Bldg 1, East Piedmont Heights, Oakland. All work for one-story frame dwelling.

Owner.....W. H. Gale, Oakland, Architect...None, Contractor...Charles E. Taylor, 1127 Market, Oakland. Filed Dec. 5, '14. Dated Nov. 27, '14.

Lumber on ground..... \$1.90
Frame up and chimney built..... 75
Plastered..... 75
Completed and accepted..... 75
Usual 35 days..... \$40
TOTAL COST, \$1400

Bond, none. Limit, 60 days after Nov. 20. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
2877	Garrison	McKishen	400
2878	Blankinship	Chapman	1000
2879	Schott	Chapman	1000
2880	Seitz	Nelson	1000
2889	Easton	Harvey	1000
2890	Pacific T & E	Harvey	1000
2891	Board of Ed.	Harvey	1000

DWELLING

(2892) SR GRANT 2001 19th, Berkeley. Dwelling.

Owner.....A. A. Ayers, 752 13th, Oakland, Architect...None, Day's work. COST, \$2000

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GARAGE

(2873) NO. 2525 HILGARD AVE., Berkeley. Reinforced concrete garage.
Owner.....Jos. W. Blankinslip, Frem
Architect...None.
Contractor...McKibben & Taylor, 2125
Shattuck Ave., Berkeley.
COST, \$400

DWELLING

(2874) N GLEN 300 E Spruce, Berkeley. One and one-half-story seven room dwelling.
Owner.....W. E. Schott, Le Roy and Tamaipais, Berkeley.
Architect...None.
Contractor...A. W. Chase.
COST, \$2000

DWELLING

(2889) N ASHLEY AVE 100 W Mabel, Berkeley. One story 5 room dwlg.
Owner.....T. F. Eastman, 551 Chetwood, Oakland.
Architect...None.
Contractor...L. G. Geary, 671 60th, Okd.
COST, \$1950

ALTERATIONS

(2890) S BANCROFT 121 E Shattuck

Ave., Berkeley. Alterations.
Owner.....Pacific Telephone & Telegraph Co.
Architect...None.
Contractor...W. G. Thornalley, 565 16th, Oakland.
COST, \$1500

ALTERATIONS

(2891) SE VIRGINIA AND LE ROY, Berkeley. Alterations.
Owner.....Board of Education, 2133 Alston Way, Berkeley.
Architect...None.
Day's work.
COST, \$500

SUMMARY BUILDING PERMITS.

Issued by the Building Department,
Oakland, Cal., for the Month of
November, 1914.

Classification	No. of Permits	Cost
1st Bldgs.	57	\$101,010.00
1st dwllings.....	5	12,750.00
1st dwllings.....	7	21,042.00
1st apartments.	1	7,000.00

3-st apartments.....	1	26,000.00
2-st stores.....	1	6,000.00
1-st stores.....	2	3,200.00
2-st brick shop.....	1	11,335.00
1-st church.....	1	17,000.00
1-st school.....	1	1,025.00
1-st brick garages.....	2	7,500.00
1-st supply station.....	1	395.00
1-st warehouse.....	1	550.00
Garages, sheds and stables.....	40	7,647.50
Work shops, tank frames and barns.....	3	572.00
Alterations, additions and repairs.....	118	44,641.50
Total	244	\$281,769.00

SUMMARY.

New construction.....	126	\$237,127.50
Alterations, additions and repairs.....	118	44,641.50
Total	244	\$281,769.00

October's Record is as follows:

OCTOBER SUMMARY.

New construction.....	156	\$366,777.00
Alterations, additions and repairs.....	202	56,578.00
Total	358	\$423,355.00

COMPLETION NOTICES.

ALAMEDA COUNTY

Nov. 13, 1914—S SIXTH, bet. Broadway and Washington, Okd. Greater Oakland Free Market by W I Clarke to Harry C Knight. Nov. 7, '14
Nov. 13, 1914—N KEITH AVE 126 E Pryal, being Lot 17 Blk "V" Vernon Park Tract, Okd. W A Ballinger to William H Kerrigan. Oct. 12, 1914
Nov. 13, 1914—LOT 6 and 6-8 Lot 5 and S 7-6 Lot 7 Blk "D" Map Broadway Terrace, Okd. Jas E Stewart and R H Banning to whom it may concern. Nov. 10, 1914
Nov. 13, 1914—S SIXTH, bet Broadway & Washington, Okd. Greater Oakland Free Market to Wm I Clarke. Nov. 7, 1914
Nov. 14, 1914—W BAY 85 S Peabody Lane, Emeryville. Peterson Tallow Co to F E Allen. Nov. 10, 1914
Nov. 16, 1914—LOT 195 Fourth Ave Terrace Ext., Okd. John G Sjoborg to Harry C Knight. Nov. 13, 1914
Nov. 16, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to J Llewellyn Co Nov. 13; Jas L Brown, Inc., Nov. 7, 1914
Nov. 16, 1914—LOT 10 BLK 15, Melrose Heights Tract, Okd. Z Spencer Clark to O G Smith. Nov. 1, 1914
Nov. 16, 1914—PTN LOT 6 BLK 4 Map Plan of Howe Tract, Okd. Mary Moller to Oscar Olson. July 16, 1914
Nov. 17, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co to Edward E Soule. Nov. 9, 1914
Nov. 17, 1914—N 43 LOT 2 Boyd Place Bkly. Ernest A Richards to Ernsberger & Dildine. Nov. 12, 1914
Nov. 17, 1914—SW GROVE AND 22ND Oakland. S F O T Railways to N McDonald, Nov 12; L D Frazee. Nov. 12, 1914
Nov. 17, 1914—LOT 12 BLK "E" Map Kenwood Park, Okd. Lewis and Mitchell, Inc to O G Smith. Nov. 14, 1914
Nov. 18, 1914—W LAKE SHORE AVE 63 S Cottage S 40xW 100, Oakland. Chas E Quigley to whom it may

Nov. 19, 1914—LOT 10, Amended Map, Rhoda Tract, Okd. Powell Bros Constr Co vs A Hebel...\$82.15
 Nov. 20, 1914—SW ROSE & CURTIS W 100x85 121.63, Bkly. George H Tay Co vs W J Jacobson and Conservative Bldg & Invst Co...\$263.35
 Nov. 23, 1914—LOT Y Map Euclalyptus Hill Tract, Okd. John P Maxwell \$78.81; Olaf Tillmann, \$233; Carl Johnson, \$161 vs Torrence S Peterson, W E Dodge and First Savings Bank of Emeryville...\$70.55
 Nov. 25, 1914—W HARRISON 1260 N 12th N 98x150, Okd. Burnham-Standeford Co vs A K Percival and A Thomson...\$217.55
 Nov. 25, 1914—LOT 4 BLK 9 Map Claremont Tract, Bkly. Union Floor Co vs J C and Helena K Bowman, Bay Cities Bldg Co, G D Patterson and P H White...\$217.55
 Nov. 25, 1914—LOT 1 Map Euclalyptus Hill Tract, Okd. Union Floor Co vs W E Dodge, Torrence Peterson and 1st Savings Bank of Emeryville...\$135
 Nov. 27, 1914—LOT "Y" Map Euclalyptus Hill, Claremont, Okd. E K Wood Lumber Co, \$422.09; Sunset Lumber Co, \$669.45 vs W E and Elizabeth Dodge, First Savings Bank of Emeryville and T S Peterson...\$2880
 Nov. 27, 1914—NE SIXTH AND SE West NE 100xSE 75, Okd. R E Moore vs F Depavo and Luigi Giachino...\$2880
 Nov. 28, 1914—N Le CONTE AVE 150 W Euclid Ave W 100xN 125, Bkly. Charles Sparwasser, \$418.50; C L Cummins, \$135; Chas R Watts, \$75; John P Maxwell, \$232.35; Pacific Mfg Co, \$1301.80; Wm Makin, \$1090.20; H I Kyle, \$778; J W Eber; \$790; A K Goodmundson, \$111; Peter N Schmidt, \$5209.56 vs Alpha Tau Omega House Ass'n and Peter N Schmidt...\$300.35
 Nov. 28, 1914—LOT 5 BLK "J" Moss Tract, being W 84th Ave 200 N Plymouth, Okd. Frank H Ogram to C and E Welchoff, Fletcher & Newbey and P A Newby...\$101.50
 Nov. 30, 1914—NE E-THIRTIETH 250 NW 21st Ave W 85 NE 200 E 95 SW 225.8, Okd. John R Hodge and E S Collins (Hodge & Collins Lumber Co) vs Alice M and August L Schuppert, R J McMullen, Charles H Jones, State Savings Bank and T S Peterson...\$742.06
 Nov. 30, 1914—LOT "Y" Map Euclalyptus Hill, Okd. John R Hodge and E S Collins (Hodge & Collins Lumber Co) vs W E and Amy Elizabeth Dodge and T S Peterson...\$95
 Nov. 30, 1914—LOT 17 BLK 16 Map Northbrae, Albany. E Rohde Jr vs Arthur Edward Moncaster and E J Aalto...\$1302.77
 Nov. 30, 1914—W TELEGRAPH AVE 250 S 16th S 75 W 82.27 NW to pt 160 W pt beg E 100, Okd. A Thomson vs George and John Doe Dutina, Theo Gier and George C Pardee...\$501.07
 Dec. 1, 1914—LOTS 19, 20, 21, 22, 23, 24 and 25 BLK 125 Kellersbergers Map of Oakland, Henry W Norman vs C M MacGregor...\$103
 Dec. 1, 1914—W MORTON 143 S Santa Clara Ave W 150xS 125, Alameda. Strickney & Hutton vs M E Herbert and Harold Ward...\$103
 Dec. 3, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 SE 104 SE 870, Okd. J N Brittain,

A S Zehner and F A Bogart (Brittain & Co., dissolved and their creditors) vs Federal Realty Co, J L Brown, Inc and J L Brown...\$162.41
 Dec. 3, 1914—LOT 8 BLK 4 Map Martin Kellogg Ppty, Bkly. S Jorgensen vs G Johanson and J R Brownlee...\$65
 Dec. 3, 1914—LOT 16 BLK 2 Map Blaisdel Tet, Okd. C E Stowe and H P Briggs (C E Stowe Mill Co) vs R J Morrison and W S Zolsky...\$42.41
 Dec. 3, 1914—BROADWAY NO. 2929, Oakland. C E Graven vs Edward Olsen and J M Dale...\$272
 Dec. 4, 1914—LOT 4 BLK 9, Claremont, Bkly. Joseph Connolly vs Helena Kathryn Bowman and Geo D Patterson, Pres. Bay City Bldg Co...\$67.25
 Dec. 4, 1914—LOT 162 Map Piedmont-hy-the-Lake, Okd. W P Fuller & Co vs John A Brunje and Irving C Mickelsen...\$310

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame. Cost not stated. Los Gatos, Santa Clara Co., Cal. Architect, William C Hayes. First National Bank Bldg., S. F. Owner, Mary R. Skiff. The house will contain seven rooms, two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, John Glatfelter, 233 West street, San Jose. The house has been designed for a six-room dwelling with bath and will be erected on San Salvador street. Interior will be finished in pine throughout. Some oak floors will be used. There will be an open fire place and tile mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCES—2 l story and base, GARAGE—1 story, reinforced concrete and steel. Cost not stated. San Bruno, San Mateo Co., Cal. Architect, Fay Spangler, 223 Monadnock Bldg., S. F. Owner, A. J. Jenvin. The building will be just across the highway from Uncle Tom's Cabin and will cover an area of 50 by 80 feet. A cement floor will be used. Metal window sash and frames are specified. There will be special gasoline storage tanks. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

BUILDING CONTRACTS.

SANTA CLARA COUNTY.

FRAME RESIDENCE
 LOT 9 BLK 25 North Los Altos. All work except electric wiring and plumbing for frame residence.

Owner...R. K. Smith, 391 Sutter, San Francisco.
 Architect...Coxhead & Coxhead, Hearst Bldg., S. F.
 Contractor...M. C. Lynch, 180 Jessie, San Francisco.
 Filed Nov. 20, '14. Dated Nov. 16, '14.
 Frame up & rough bricked...\$151.25
 Roofed and plastered...151.35
 All completed...151.25
 Usual 35 days...151.25
 TOTAL COST, \$4525.00
 Bond, \$262.50. Surety, I. W. Smith and A. Lynch. Limit, 100 days. Forfeit, \$5 per day. Plans and specifications filed.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

FLATS

NO. 1411 TWENTY-FIFTH on N ½ of S ½ Lot 1, O. P. 25th and 26th Sts., Sacramento. Two flat building.
 Owner...E. E. Sydenstricker, 2318 I St., Sacramento.
 Architect...None.
 Day's work. COST, \$3300

RESIDENCE

STANFORD, bet 38th and 39th Sts., on Lot 29, H. J. Goethe Co. Add'n., Sacramento. Five-room residence.
 Owner...A. C. Boggess, 3318 Orange Ave., Sacramento.
 Architect...None.
 Contractor...F. W. M. Kennedy, 3330 Orange Ave., Sacramento. COST, \$1500

RESIDENCE

LOT 33 Tresh Tract, Sacramento. Four room residence.
 Owner...Joe Tresh, 3231 Orange Ave Sacramento.
 Architect...None.
 Contractor...W. Grant, 3231 Orange Ave., Sacramento. COST, \$1000

RESIDENCE

LOT 35 Tresh Tract, Sacramento. Four room residence.
 Owner...Joe Tresh, 3231 Orange Ave Sacramento.
 Architect...None.
 Contractor...W. Grant, 3231 Orange Ave., Sacramento. COST, \$1000

ADDITION

NO. 1908 THIRD on E 55 feet of N 105 N 25 feet of S 75 feet of W 25 of Lot 4, S. T. 2nd and 3rd Sts., Sacramento. Addition to bakery building.
 Owner...George Simi, 1915 6th St., Sacramento.
 Architect...None.
 Contractor...G. L. Woerner. COST, \$850

ALTERATIONS

NO. 916 EIGHTH, N 20 feet of W ½ of Lot 5, 1, J. 7th and 8th Sts., Sacramento. Alterations in hotel building.
 Owner...W. J. Powers, 400 8th St., Sacramento.
 Architect...None.
 Contractor...G. E. Harvie, 2212 T St., Sacramento. COST, \$400

FLAT APARTMENTS

NO. 1717 TWENTY-SIXTH, on N ½ of Lot 8 and N ½ of W 70 feet Lot 7, Q. 1, 26th and 27th Sts., Sacramento. Two-story four flat apartment house

Owner.....John Wilson, 1616 7th St.,
Sacramento.
Architect...None.
Contractor...W. R. Saunders, 2510 I
St., Sacramento.
COST, \$—

DWELLING
NO. 1191 VINE ST., San Jose. Four-
room dwelling.
Owner.....S. Sonzere.
Architect...None.
Contractor...S. Nicola, 596 N-11th St.,
San Jose.
COST, \$800

COTTAGE
DELMAS AND COLFAX, San Jose. Five
room cottage.
Owner.....Henry Jung, 420 Delmas
Ave., San Jose.
Architect...None.
Contractor...S. C. Collins, 825 Willow,
San Jose.
COST, \$1245

COTTAGE
SAN SALVADOR AND JOSEPHIA, San
Jose. Five-room cottage.
Owner.....John Glatth, 233 W-St.
James St., San Jose.
Architect...None.
Day's work.....COST, \$1850

GARAGE
No. 985 S-FIRST ST., San Jose. Garage
Owner.....F. M. Long, Premises.
Architect...None.
Day's work.....COST, \$500

AMUSEMENT HALL
THIRTY-THIRD AND SANTA CLARA,
San Jose. Amusement hall.
Owner.....Santa Christie Church.
Architect...None.
Day's work.....COST, \$450

BUILDING CONTRACTS

SAN MATEO COUNTY.

RESIDENCE
LOT 15 BLK "N" Sub No. 3 of City of
San Mateo. All work for one-story
frame residence.
Owner.....Anna T. Haley, San Mateo.
Architect...Thomas M. Edwards, San
Mateo.
Contractor...Croop & Keegan, San
Mateo.
Filed Nov. 30, '14. Dated Nov. 10, '14.
Concrete foundations completed.....\$715
Window sashes.....715
When accepted.....715
Usual 35 days.....715
TOTAL COST, \$2360
Bond, \$1430. Sureties, J. P. Britt and
J. F. McCann. Limit, 90 days. Forfeit,
\$. Plans and specifications filed.

THEATRE AND CLUB
COR. GRIFFITH AVE AND BALDWIN
San Mateo. All work except plumbing
for two-story concrete and frame
theatre and club room building.
Owner.....Knights of Columbus Hall
Ass'n., San Mateo.
Architect...W. D. Shea, Marston Bldg.,
San Francisco.
Contractor...P. R. Ward and T. B.
Goodwin, 110 Jessie, S. F.
Filed Nov. 30, '14. Dated Nov. 18, '14.
Foundation walls tank walls, etc
are finished.....\$4000
Theatre trusses set, etc.....5000
Building enclosed.....4761
Plastering finished.....4588
Doors hung.....4533

Entire work completed and ac-
cepted.....4111
Usual 35 days.....375
TOTAL COST, \$3670
Bond, \$18,300. Surety, Hartford Ac-
cident & Indemnity Co. Limit, 110 days.
Forfeit, \$10. Plans and specifications
filed.

PLUMBING ON ABOVE.
Contractor...W. J. Dowling & W. J.
Dowling Jr., 62 Durand,
San Francisco.
Filed Nov. 30, '14. Dated Nov. 18, '14.
Rough plumbing and sewers
installed.....\$180
Entire work completed and ac-
cepted.....489
Usual 35 days.....324
TOTAL COST, \$1293
Bond, \$616.50. Surety, Morris Stulart.
Limit, 90 days. Forfeit, \$. Plans and
specifications, none.

FRAME RESIDENCE
LOT 1 BLK 5, North Palo Alto. All
work for two-story frame residence.
Owner.....Mrs. Henrietta C. von
Gehren, Palo Alto.
Architect...Baird Bros., Redwood City
Contractor...Baird Bros., Redwood City
Filed Dec. 1, '14. Dated Dec. 1, '14.
Frame up.....\$985
1st coat plaster on.....985
When completed.....985
Usual 35 days.....985
TOTAL COST, \$3940
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

FRAME BUNGALOW
LOT 27 BLK 3, East San Mateo. All
work for one-story shingled roof
frame bungalow.
Owner.....John and Margaret Mc-
Cormack, San Mateo.
Architect...None.
Contractor...Edwin L. Croop and James
J. Keegan, San Mateo.
Filed Nov. 30, '14. Dated July 26, '14.
Frame up & roof sheathed.....\$462.50
Brown coat mortar and plaster-
ing on.....462.50
When completed.....462.50
Usual 35 days.....462.50
TOTAL COST, \$1350.00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Nov. 28, 1914—GRAND AND LINDEN
Aves, San Mateo, Hauptmann Lum-
ber Co, \$244.35; E J Hampton
(Hampton Elec Co), \$325; Porderer
Cornice Works, \$535.65 vs South
San Francisco Land & Imp Co and
Thos H Day's Sons.....

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Dec. 1, 1914—LOT 19 BLK 24 Red-
wood Highlands, George H Irving
Co to whom it may concern.....
Nov. 28, 1914
Oct. 31, 1914—GRAND AND LINDEN
Aves, South San Francisco. South
San Francisco Land & Imp Co to
Thos H Day's Sons.....Oct. 26, 1914

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Nov. 18, 1914—LOT 1, Block 1, City of
Folsom, San Jose, 7 to 10 blocks to
Folsom.....
Nov. 18, 1914—LOT 1, Block 1, City of
Folsom, San Jose, 7 to 10 blocks to
Folsom.....
Nov. 18, 1914—LOT 1, Block 1, City of
Folsom, San Jose, 7 to 10 blocks to
Folsom.....
Nov. 18, 1914—LOT 1, Block 1, City of
Folsom, San Jose, 7 to 10 blocks to
Folsom.....

LIENS FILED

SANTA CLARA COUNTY.

RECORDED AMOUNT
Nov. 21, 1914—LOT 18 AND 17 Pre-
Sub of Lot 1 of Craig, Co. Paction,
G E Leuzen & J Kell.....
Nov. 21, 1914—2 1/2 MILLS N. OF
San Jose being part of Lot 1 of
the Pueblo Land. Geo. Leuzen &
P Sabatte.....

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

MUNICIPAL STORE HOUSE
1 story, frame and corrugated iron. Cost
not stated. San Rafael, Marin Co., Cal.
Architect, Thomas O'Connor, San Ra-
fael. Owners, City of San Rafael. The
building will be erected in the Corpor-
ation Yards and has been designed for
a store house for the City Street De-
partment. There will be no interior
finish. Exterior of the building will
be covered with corrugated iron.
Plans are being prepared.

WHARF—Steel and reinforced con-
crete. Cost not stated. Richmond,
Contra Costa Co., Cal. Engineers,
Haviland & Tibbets, Alaska Commer-
cial Bldg., S. F. Owners, City of Rich-
mond. Plans have been completed for
a modern wharf to be constructed on
the Richmond waterfront. The struc-
ture will be carried on concrete piles.
There will be a steel frame shed with
a single track railroad running its en-
tire length. The wharf property will
be 550 by 90 feet. Bids will be opened
on December 28th. Plans and specifi-
cations can be secured from the engi-
neers.

STREET PAVING AND GRADING—
Cost not stated. Richmond, Contra
Costa Co., Cal. Engineer, City Engi-
neer, Richmond. Owners, City of
Richmond. Plans and specifications
for the improvement of part of Mont-
gomery street have been approved by
the City Council. Plans and specifi-
cations for the improvement of 10th
street from S. P. avenue to the Santa
Fe tracks have been adopted by the
Council. It is thought that bids on
this work will be called for immedi-
ately.

LIBRARY—1 story and base rein-
forced concrete. \$20,000. Alameda Co.,
Cal. Architect, L. M. Turton.
Napa. Owners, City of Napa. The
Library Trustees have opened en-
dures for construction of the new re-
inforced concrete library. Contracts
Works of Value, submitted the lowest
figure at \$10,600. All bids were held
on the table and the next meeting
of the trustees. The bids will be re-
viewed next week, and the lowest bid
will be accepted and the work com-
menced.

APPROACH TO RAILROAD STOPS
—\$10,000. Richmond, Contra Costa

Co., Cal. Engineer's name not given. Owners, Pullman Car Co., Richmond. The Pullman Car Company of this city has been granted permission, upon the recommendation of City Engineer Chapman, to build a modern approach to their shops on Pullman avenue. The work will cost in the neighborhood of \$10,000. The approach will be of concrete construction, and many new tracks will be installed on the same job.

LIBRARY—1 story and base, reinforced concrete, \$11,000. Vacaville, Solano Co., Cal. Architect, L. M. Turton, Napa. Owners, Town of Vacaville. This building has been mentioned here a number of times before. Bids recently opened by the Board of Library Trustees have been rejected, although all six figures were within the amount available. Plans and specifications will be slightly revised and new figures will be taken. The design is in the classic style. Exterior will be faced with cement plaster. Plans are now out for figures and bids will be opened on December 12th. Plans and specifications can be secured from the architect.

Contracts Awarded.

SEWER WORK — \$2,341.80. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. Contractor, John H. May, Napa. Contract price, \$2,341.80.

FIRE HOUSE—1 story, brick, \$4,000. Richmond, Contra Costa Co., Cal. Architect, City Architect, Richmond. Owners, City of Richmond. Contractor, M. Morton, Richmond. Contract price, \$4,197.

DREDGING — \$7,000. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbets, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Contractors, Richmond Dredging Co. Contract price, \$6,973.65.

BUILDING CONTRACTS

MARIN COUNTY.

FRAME BUNGALOW

MILL VALLEY. All work for one-story and attic frame bungalow.

Owner.....Wm. H. A. Reimann, Mill Valley.

Architect...None.

Contractor...W. W. Seeley, Mill Valley.

Filed Dec. 3, '14. Dated Nov. 19, '14.

Roof on\$284.25

Brown coated284.25

When completed284.25

Usual 35 days.....284.25

TOTAL COST, \$1,537.00

Bond, none. Limit, 60 working days.

Forfeit, none. Plans and specifications filed.

LIENS RELEASED

CONTRA COSTA COUNTY.

RECORDED

Dec. 3, 1914—PTN LOTS 1, 2, and 3

Bk 6, Richmond. R G Armstead

and R B Douglass (Square Deal

Hardware Co to E F Rolff and

Lawrence Transue\$19.35

Dec. 3, 1914—ALL PTN LOTS 1, 2, and

3 lying E of line parallel to 45 ft.

westerly Santa Fe, Richmond. A

Zimmerman to Lawrence H and

Sophia Transue\$26.45

Dec. 3, 1914—PTN LOTS 1, 2 and 3

Bk 6 Amended Map of Richmond,

C W McMaster to Lawrence H and

Sophia Transue\$132.20

Dec. 3, 1914—PTN LOTS 1, 2 and 3

Bk 6 as Amended Map No. 1 of

Richmond. H Kitzmen and Frank

Cauley under firm name of Rich-

mond Painting Co to E F Rolff and

Lawrence Transue\$100

Nov. 21, 1914—PTN LOTS 1, 2, and 3

Bk 6 Amended Map No. 1 of Rich-

mond. R H Spiersch and F C

Spiersch, under firm name of

Spiersch Bros to E F Rolff and

Lawrence H Transue\$205

Dec. 3, 1914—LOTS NOS. 1, 2, and 3

Bk 6 Amended Map No. 1 of Rich-

mond. Stege Lumber & Hardware

Co to E F Rolff and Lawrence H

Transue\$1440.38

Dec. 3, 1914—PTN LOTS 1, 2, and 3

Bk 6, Richmond. D J Collins and

J J Ballantyne (as Pacific Elec Mfg

Co) to C F Rolff and Lawrence

Transue\$84

Dec. 3, 1914—LOT NO. 7 and E ½ Lot

6 Flk 25 Amended Map of Rich-

mond. Marshall & Stearns Co to

L H and Sophia Transue and E F

Rolff\$102

FRESNO, MODESTO STANISLAUS

AND CENTRAL CALIFORNIA.

INTERURBAN ELECTRIC LINE —

Cost not stated. Fresno, Fresno Co.,

Cal. Engineer's name not given. Own-

ers, Fresno Interurban Railroad Co.,

Fresno. Application of the Fresno in-

terurban Railroad Company for a fran-

chise to operate in the City of Fresno

has been filed with the City Clerk. J.

B. Rogers is president of the company.

It will be necessary for the Interurban

Company to build twenty-six blocks of

track in Fresno should the application

be granted.

STORES—1 story and base. Class C

construction. Cost not stated. Mod-

esto, Stanislaus Co., Cal. Architect,

Charles C. Frye, 20 Montgomery street,

S. F. Owner represented by G. H.

Umbsen Co., S. F. The building will

be erected at the corner of 10th and J

streets and will cover an area of 110

by 104 feet. There will be a number

of stores finished in pine and hard-

wood. Cement floor will be used. Pat-

ent store fronts are specified. Exter-

ior of the building will be faced with

pressed brick. Plans are being pre-

pared with walls and foundations of

sufficient strength to carry additional

stories.

RESIDENCES—4, 2 story and base,

frame. Cost not stated. Fresno,

Fresno Co., Cal. Architects, Glass &

Butner, Fresno. Owners, Alfred Raver-

man, Herbert Levy, William Glass and

Charles Doyle. These homes will be

erected on adjoining property and will

contain from six to eight rooms. In-

teriors will be finished in pine and

hardwoods. Hardwood floors will be

used in the principal rooms. There

will be furnace heat and open fire

places. Mantels will be of tile or

brick. Bath rooms will be finished in

tile. Automatic water heaters will be

installed. Exteriors will be covered

with cement plaster on metal lath.

Plans are nearly complete and figures

will be called for shortly.

BRIDGES — 2, Wood construction.

Cost not stated. Visalia, Tulare Co.,

Cal. Engineer, County Surveyor Love-

lace, Visalia. Owners, Tulare County,

County Surveyor Byron Lovelace has

completed plans and specifications for

two wooden bridges to be erected over the Kaweah River by Tulare County. Both bridges will be over 600 feet in length. Bids will be advertised for shortly by the Board of Supervisors.

HOTEL AND STORE—2 story and base, brick and steel, \$30,000. Architect, J. Carl Thayer, Fresno. Owner, E. A. Cleveland, Corcoran. The building will be erected at the corner of E and Kern streets, covering an area of 80 by 100 feet. There will be four stores on the first floor and a number of hotel rooms on the upper floor. Interior will be finished in pine and redwood. Tile floor will be used in the lobby and store entrances. Plans provide for a hot water system. Bath rooms will be finished in tile and will have composition floors. Patent store fronts will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SCHOOL—2 story, brick and concrete. Cost not stated. Fresno, Fresno Co., Cal. Architect, J. Carl Thayer, Fresno. Owners, City of Fresno. The building has been designed for an eight-room building with provision for additions. Floors and stairways will be of reinforced concrete. Interior will be finished in pine with some maple floors. There will be steam heat, oil burning equipment and program clocks. Modern school plumbing will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and bonds have been sold. Bids will be advertised for at once.

SCHOOL—2 story and base, brick and concrete, \$90,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Forsythe Bldg., Fresno. Owners, City of Fresno. The building, the largest of the seven new schools, will contain thirteen class rooms, auditorium, offices and assembly hall. Floors and stairways will be of concrete. Interior will be finished in pine with some maple floors. Plans provide for steam heat, oil burning system, vacuum cleaning, modern school plumbing and program clocks. Exterior will be faced with pressed brick. Plans are complete and figures will be called for shortly. Further mention will be made of the work.

SCHOOL—Frame and plaster. Cost not stated. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, City of Fresno. The building will be known as the Kirk School. There will be eight class rooms and an assembly hall. Interior finish will be of pine with maple floors in the class rooms. There will be steam heat, oil burning system and modern school plumbing. Exterior will be covered with cement plaster on metal lath. Plans are complete and ready for figures. Bids will be advertised for at once.

SCHOOL—2 story and base, brick and concrete, \$82,250. Architects, Swartz, Hotckin & Swartz, Rowell Bldg., Fresno. Owners, City of Fresno. Contractors, Evans Contracting Co., Fresno, general construction. Contract price, \$82,250. Bids for the heating and ventilating will be readvertised for at once. The building will be known as the Longfellow School.

Contracts Awarded.

SCHOOL—2 story and base, brick and concrete, \$52,700. Fresno, Fresno Co., Cal. Architects, Conates & Traver, Addison-Bland Bldg., S. F. Owners,

Wednesday, Dec. 9, 1911.

City of Fresno, Contractor, James L. Daly, Fresno, general construction, Contract price, \$52,700. Bids will be called for at once for the program clock system. The building will be known as the Webster School.

FRESNO BUILDING TOTALS.

FRESNO, Fresno Co., Cal.—Building permits issued in this city for the month of November by Chance H. Scott, City Building Inspector, show a total of \$10,507. Permits issued for new buildings amounted to \$12,135. For the year 1914 to November 30 there has been \$1,102,147 spent in building construction in this city.

MODESTO BUILDING TOTALS.

MODESTO, Stanislaus Co., Cal.—Building permits issued by City Clerk W. O. Thompson for the month of November amounted to \$23,500. The largest permit issued was for a two story store and office building for J. M. Moyle at \$20,000.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGES—3 steel and concrete. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor William F. Lunning, Red Bluff. Owners, Tehama County. The Surveyor has prepared plans and specifications for the construction of three bridges of concrete construction, to be constructed along the route of the State Highway from Red Bluff to the Shasta County line. The plans will be submitted to the Supervisors on December 8th, when bids will be called for. The bridges aggregate 495 linear feet and are as follows: Bridge over Dibble Creek 355 feet long, bridge over South Fork of Blue Tent Creek 100 feet long and a bridge two miles south of the Four Mile House 40 feet long.

IRRIGATION PLANT—Cost not stated. Chico, Butte Co., Cal. Engineer's name not given. Owner, Senator James D. Phelan. One of the largest irrigation projects for the culture of rice in this state is being proposed by James D. Phelan, who owns a large tract of land a few miles south of Chico. The entire project when put through will be located in Butte County. Phelan's plan is to place 15,000 acres under irrigation by water pumped from the Sacramento River which outskirts the Phelan ranch and other adjoining holdings. Should this be carried out an immense pumping plant will be installed. B. J. Murphy is the Superintendent of the Phelan ranch.

Frame, \$2,700 and \$2,000. Sacramento, Cal. Architect, none. Owners, O. I. Moore, 2903 55th street, and W. D. McKay. These two houses will contain five and six rooms respectively. Interiors will be finished in pine and redwood with some hardwood floors. Open fire places will be used in the living rooms. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustle and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

o 6 tons per square foot for clay i
ck heds, always dry; on clay, mod
tely dry, 2 to 4 tons; on gravel an
rse sand, well cemented, 8 to 1
s; on compact, well-cemented sand
o 6 tons; on clean dry sand, 2 to
ns. Average pile loads of from 1
to 20 tons each are permitted. Pile
are driven to an average penetration o
1 inch in the last few blows of
2,000-pound hammer falling 25 fee
This gives a calculated safe bearin
load of 25 tons.

TOTAL COST OF A ROAD KEPT GOOD UNTIL THE BONDS ARE PAID OFF.

WASHINGTON, D. C., Dec. 1, 1914.—
While it is frequently easy for
nty to issue bonds and borrow
ney for improving the local high
rs, the raising of the money to re
those bonds at maturity is ofte
so simple. Many counties, in bor
ing money for bonds, figure tha
amount of money raised represent
total cost of the road, forgetting
t the road must be maintained an
ired if, at the end of the term o
bonds, the county is to have any
ig to show for its investment.
he question of financing countr
d building is discussed fully in De
tment of Agriculture Bulletin No.
entitled "Highway Bonds," which
ritten by the Office of Public Road
Collaboration with James W
ver, Professor of Mathematics and
insurance, University of Michigan. In
bulletin the authors discuss fully
various methods of financing road
ding and retiring debts for road
struction, and also deal frankly
i the actual total cost of a road
ing the life of the bonds. On the
l cost of a road, the authors cite
following two examples as afford
at least a basis for estimating the
l minimum cost of a mile of road:

Cost of a Mile of Road Built With 20-Year Bonds.

luminous-macadam:
of construction (\$10,500)
der 5 per cent serial bond
ith interest for 20 years..\$16,012.50
of annual repair and
aintenance (\$600) for 20
ars 12,000.00

Total cost for 20 years...\$28,012.50

ick:
of construction (\$18,500)
der 5 per cent serial bond
ith interest for 20 years..\$26,426.73
of annual repair and
aintenance (\$300) for 20
ars 6,000.00

Total cost for 20 years..\$32,426.73

ie authors point out that the actual
of building and maintaining a
ific highway can be determined
after the character and volume
traffic and actual wear and tear have
studied for a series of years. The
es quoted above, of course, will
apply to ordinary macadam, gravel
lay roads, but in all these cases the
rest on the bonds must be met, and
e must be expenditures to main-
them in condition. The poorer the
mage and the less permanent the
acter of the road foundation, the
ter must be the percentage that re-
costs will bear to the first cost.
larly, the question of whether the
al surfacing is designed to with-

E. H. Williams Chalmer Munday

Munday & Williams

Attorneys-at-Law

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stand the character of traffic and weather to which it is subjected also has an important bearing on what it will cost the county to keep the road in such shape that when the bonds are paid the locality still will have a valuable property to show as a result of its borrowing and repayment.

THE COST OF SMOKE.

Statement of Nuisance Has Been Agitated With Much Effect.

The question of the abatement of the smoke nuisance has for many years been agitated without great effect. Admittedly an inconvenience, it has seldom been considered that the soot of the smoke may constitute a real menace to the prosperity of the city.

The contrary, indeed, has been the general contention. The Saturday Evening Post says in a recent issue: "In the United States a great national election was won on the platform that abundant black smoke should pour from all factory chimneys."

Some aesthetic souls, it is true, objected to the blanketing clouds of gloom, but their objections were sneered at as highly impractical.

Then, one day, some one sat down and began to figure out just how much this luxury of smoke cost. His figures, quite accurate, set most of the "practical" thinking.

Here they are:

London, England, annual damage from smoke, \$26,000,000; Pittsburgh, \$10,000,000; Chicago, \$40,000,000; Cincinnati, \$100 for every family.

Significant, are they not?

In these estimates, however, only damage directly done to cloths, buildings and the cost of washing, painting, papering, replacing of corroded metal, damage to merchandise, etc., have been considered.

A wider and possibly more injurious effect of uncontrolled smoke has been discovered by an investigator of the University of Pittsburgh, who has established incontrovertible evidence of cause and effect between the beclouding smoke and the acres of dead vegetation all about the Steel City.—Town Improvement Magazine.

WHO OWNS THE SEA?

One of the respects in which modern war conditions may compel a return to ancient theories of law is in sea trade. Now the ocean, outside of the three-mile limit, is an open highway, over which there are few laws and in which there is no master except the strongest. This is modified to a certain extent by the regulations of international common law, and the

more or less statutory law of the Hague conventions, but in general there is no limit to what any strong government may do in the open ocean. For instance, during the present great war, any ship may be held up at any time, anywhere at sea, by a warship of one of the belligerent nations, may be compelled, on any theory, to submit to any treatment at the arbitrary direction of the captain of the man-of-war. Protests may be registered by the government of the seized ship, but the protest has no more force than has the protest of a citizen who may object to lynch-law decisions.

Modern shipping conditions have made the sea, in actual practice much narrower than they used to be, and there is no reason why there should not be closed areas in the ocean. There is no legal excuse or precedent for closing the sea now. This was pointed out a few days ago by President Wilson, in commenting on the proposal of Latin American republics that the warships of Europe be excluded for the time being from the trade routes of the New World. But the same law of necessity which made at the beginning of the Modern Age the ocean open, could well now make portions of the ocean shut. If the struggle in Europe should continue for several years longer, why should not all the neutral powers stand together to exclude from large areas of the ocean, all commerce destroyers as outlaws?

In the ancient world, the sea was considered as much governmental property as was land. Portions of the Mediterranean sea, at one time or another, were the dominion of the Phoenicians, the Greeks, the Carthaginians, the Romans, the Venetians and the Genoese. These theories of ownership were to some extent pushed out into the Atlantic and Indian oceans. But conditions of trade following the discovery of America and the circumnavigation of Africa produced such equality of naval enterprise that in spite of the sea power of Spain and England, there gradually grew up, for the benefit of the whole world, the policy of the open sea.

This open sea policy now works to the disadvantage of the smaller powers of the world so much so that it does to the benefit of the nation that has the technical "control of the sea." Control of the sea is not ownership of the sea, but the possession of the power at any time to drive a rival power out of it. It might be compared to the power of the town bully to change a rival of the public opinion

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Now in the struggle between Great Britain and Germany with the latter pushing the control of the sea and the Germans trying to take it away from them, the commerce of the rest of the world is placed under expensive restrictions.

It would be possible in the event of a war between groups of countries, to delimit strictly the sea activities of the belligerents. The need may lead, before another world war, to a partitioning off of the water on the globe into potential fighting areas. Fresno Republican.

CONSTRUCTION WORK ABROAD.

[Consul Abraham E. Smith, Victoria, British Columbia, Oct. 21.]
Railroad Development on Vancouver Island.

The war has caused some difficulty in financing new railway construction on Vancouver Island, but builders are now overcoming this. The Pacific Great Eastern has obtained \$6,000,000 from the Government, which enables it to push construction work. In all, this island will shortly have about 630 miles of railroad. The Canadian Northern Railroad has about 150 miles of new road scheduled for completion this year, and will later build 100 miles additional. The Canadian Pacific Railway has 50 miles completed and 100 miles nearing completion, and will then have over 300 miles of line on Vancouver Island.

PHILIPPINES.

[J. P. Fournet, correspondent, Manila.]
Bridges and a Subway.

The municipal board of the city of Manila has approved a recommendation of the city engineer that steps be at once taken to provide a bridge over the Pasig River at a point opposite the end of Calle Rosario. This recommendation also contemplates some sort of reconstruction of the partly destroyed bridge of Spain, at which one pier and a central span have been removed as a result of the damage done by the floods early in September. The reconstruction also takes into account another bridge projected some time ago for the lower Pasig River, which has not yet been constructed. The reconstruction of the bridge of Spain requires a very large expenditure of money, and it is very probable that the reconstruction of the bridge of Spain will be postponed until the reconstruction of the lower Pasig River bridge is completed. The reconstruction of the bridge of Spain will be postponed until the reconstruction of the lower Pasig River bridge is completed. The reconstruction of the bridge of Spain will be postponed until the reconstruction of the lower Pasig River bridge is completed.

Passing in order to dispense with the bridges which now operate as impediments to traffic of larger vessels on the river.

Proposed Insane Asylum.

The secretary of the interior through the bureau of health will ask the legislature for \$50,000 to build an insane asylum at Alabang, the former site of a stock farm of the bureau of agriculture, a few miles out of Manila. At present, the insane, such as are cared for at all by the Government, are housed at San Lazaro hospital for infectious diseases, with poorly equipped quarters. The plan contemplates the destruction of the present inadequate buildings at San Lazaro and the construction of two modern concrete buildings there for the nucleus of an institution for the treatment of infectious and contagious diseases. This to be done in the immediate future, if the legislature will consent. Another part of the plan is an institution for the care of the helpless, both aged and infants, who while not suffering from any malady are yet unable to provide for their own support. This would partake of the nature of an insular "poorhouse." The plans for this institution are not formulated. Such cases at present provided for by a rather precarious system of private charities and police aid.

It is proposed to provide, at Alabang, a sanatorium costing \$10,000 to \$50,000 to accommodate about 300 patients. Further appropriations are to be made annually as the needs of the institution increase and Government funds become available.

MODERN OFFICE EQUIPMENT FOR HONGKONG.

[Vice Consul General A. E. Carleton, September 21.]

The saving of time is not deemed of the greatest importance in the Orient, and for that reason modern time-saving appliances are not usually to be found in the large hong and banks of this colony. Conservatism and the "old order of things" have been too strong to admit of a general introduction of the scores of machines that in the United States tend to greater accuracy and dispatch, lessen drudgery, and add materially to the business possibilities of an office. The field in Hongkong is, however, worthy of cultivation, and cheap labor seems to be the only hindrance to the sale of American modern office equipment. Banks and commission houses, having branches in all parts of the Far East, are not entirely lacking in modern appliances, and many of these would become purchases if proper effort were made.

Many of the machines well known in the United States are unheard of in the Far East; therefore, local demonstration is essential. The Chinese do not understand catalogues, and as a rule will not buy from them. In every case they must be shown the practicability and efficiency of the "machine with brains."

The question of office furniture, steel furniture in particular, was discussed in Daily Consular and Trade Reports for March 18, 1913, and a limited amount of trade has developed therefrom. Excellent results have also accrued from the exhibition of steel furniture now installed in this con-

sulate general. [A list of Hongkong firms that would probably be interested in machines and steel furniture for office use may be had upon application to the Bureau of Foreign and Domestic Commerce or its branches.]

HIGHWAY OF THE STATE OF WASHINGTON.

[Consul General R. E. Mansfield, Vancouver, British Columbia, Nov. 2.]

The recent completion of construction work on the Snoqualmie Pass section of the Sunset Highway in the State of Washington is of special interest to British Columbia motorists. Heretofore it has been necessary for the Vancouver motorists either to ship direct to the Kootenays or the Okanogan, or tour by way of Seattle, Portland, The Dalles, Walla Walla, and Spokane.

Wonderful changes have been wrought in the transmountain thoroughfare in the State of Washington. In seven months the tortuous, narrow path across the Cascades has been transformed into a splendid 16-foot highway with a minimum grade of 5 per cent. The State of Washington has spent approximately \$335,000 on the 28 miles from North Bend to Lake Keechelus.

The Sunset Highway, so designated by the legislature, begins at Seattle and passes through Renton and North Bend. The State road now begins a few miles east of North Bend, and starts a gradual ascent up Grouse Ridge. In order to reach the summit on a 5 per cent grade, it was necessary to build a big loop in the road, but it has served to beautify the route, offering rare views of towering peaks. The pass is wide at the summit, the greatest elevation being 3,000 feet. From the summit the road travels down the east slope of the Cascades, following the canyon, crossing Gold Creek, and thence to Lake Keechelus, and from there follows the northeast side of the lake and down the fertile Yakima Valley past Lake Kachess through the towns of Easton, Cle Elum, and Ellensburg. From Ellensburg the route runs in a southeasterly direction to Wenatchee, Waterville, Coulee City, Wilbur, Davenport, and Reardon, into Spokane.

From Spokane the motorist can travel north to Nelson, British Columbia, and the Kootenays, and from Wenatchee the British Columbia-Okanogan country is accessible. Around the Okanogan lake there are a number of good roads with exceptional scenic beauties and attractions for the motorist. The district boasts of a large number of motors for a rural country, the town of Vernon alone having 400 cars.

New Roads Encourage International Intercourse.

The growing interest in motoring and the rapidly increasing number of cars are encouraging the construction of many new roads and the improvement of those already built in this Province. The interest in and the progress of motor-road construction in the Pacific Coast States is also encouraging similar activities in British Columbia, and the linking of the various highways north and south of the international boundary assists the "entente cordiale" between this Province and the States immediately south. There is a fraternal feeling between motorists, no matter what the nation-

ality, and especially is this true of American and Canadian motorists, they drive the same kind of cars, language and customs and conditions are the same, even to the rules of road, money standards, etc., and Canadian motorists in the United States, or vice versa, find a welcome under conditions that make him feel at home.

The Sunset Highway is one of the links in the international chain of roads creating closer relations and encouraging international travel, which will result in the extension of trade between the two countries.

SOUTHERN PACIFIC WILL PURCHASE EQUIPMENT.

New equipment costing \$1,426,000, consisting of 30 locomotives, 30 passenger cars and 30 steel electric motor cars for suburban traffic will be ordered shortly by the Southern Pacific Company.

WAR AFFECTS CEYLON'S COMMERCE.

[Consul Charles K. Moser, Colombo, September 20.]

At present no drafts for dollars are being negotiated through local banks, during the unsettled conditions that have not been given a reasonable rate of exchange from London on which to work. The banks have declined to quote rates on dollars and all credit must be opened on first-class London banks. No moratorium has been declared in this colony.

Freight rates are generally 33 1/2 per cent surcharge, though on September 17 surcharge to London was reduced from 25 per cent to 20 per cent and seems probable that the rates to New York have also been reduced. The war risk insurance rates quoted on the 17 were: To Australia, 1 1/2 per cent; to the United Kingdom, 2 per cent; to the United States, westward 2 per cent eastward 3 per cent. Other than high war-risk freight and insurance rates, the possible lack of shipping space, and the difficulty of drawing dollars against shipments to the United States, there are no unusual impediments in the way of American export and import trade.

Stock on Hand.

In Ceylon there is a shortage of many articles that the United States could easily supply. One of the principal importing firms has furnished information as to stocks on hand of the following articles:

Barbed wire—Stocks sufficient to last 4 to 6 months.

Cement—Small stocks on hand.

Corrugated iron sheets—small stocks.

Hoop iron—Small stocks, especially for making tea chests, size 1/2 by 1/2 inches.

Iron bars—Stocks on hand to last to 10 months.

Nails—Small stocks, especially Nos. 13 and 14 A for tea chests.

Sheet iron—small stocks.

Tools—Small stocks but demand not great.

Window glass—Supply nearly exhausted.

EXPOSITION NEWS NOTES.

Officials of the Panama-Pacific International Exposition have been no-

ded that two famous ships of the United States Navy will remain at the Exposition during the nine and a half months that it is open. The Oregon, "the bull dog of the navy" and the Olympia, Admiral Dewey's flag ship at the battle of Manila Bay, will be moored in the Exposition's ship. As far as possible the Oregon and Olympia will be manned by the crews of 1898. In addition to these the government will have a ship of every type in the navy kept at the exposition and included in this list will be the hospital ship Solace, the most perfectly equipped ship of the kind in the world.

The contract has been let for the construction of the Texas building at the Panama-Pacific International Exposition. The style of the building is reminiscent of the State Capitol. It is surmounted by an 85 foot dome on which is a heroic figure holding aloft a great star, emblematic of the Lone Star State. There are now forty-four states and territories participating in the Exposition.

Heavy shipments of exhibits have arrived on the grounds of the Panama-Pacific International Exposition from eleven foreign countries. In the list are England, China, Japan, Cuba, New Zealand, Australia, Canada, Argentina, the Netherlands, Germany and Italy. The display of Canada is nearest completed of all the forty-two foreign nations. Cuba's exhibit was the last to arrive and it came on eleven freight cars.

Parts of the great pipe organ and each organ for the Panama-Pacific International Exposition have arrived on the Exposition grounds. Five freight cars were required to carry the first shipment of these organs that will be placed in Festival Hall. After the close of the Exposition the organs will be presented to the city of San Francisco for the Exposition Memorial Auditorium. Included in the shipment are two twenty horse power motor blowers.

The Panama-Pacific International Exposition has just been informed that the United States government will show the operation of submarines in war times as a part of the government exhibit at the 1915 exposition. Boats of various types will be operated for the instruction and entertainment of exposition visitors. All the manoeuvres may be watched from the exposition sea wall. The first period of these exhibitions will be from the opening day, February 20, to March 10. The second period will be from June 25 to July 10.

Of the Forty-two foreign nations participating in the Panama-Pacific International Exposition the latest to prepare plans for government pavilions are Switzerland and Norway. The Swiss pavilion will be of the chalet style characteristic of the Alps. A 95 foot tower is the dominating feature of the Norwegian pavilion.

Building construction for the month of November in San Francisco amounted to \$2,384,050. This amount was made up of the following items: For brick and concrete construction, \$293,672; frame buildings, \$174,745, alterations and additions, \$103,92 Panama-Pacific buildings, \$1,200,000, frame buildings, \$141,370, alterations and additions, \$143,240, State buildings, \$100,000, Government buildings, \$100,000, Municipal buildings, \$100,000, and other buildings, \$100,000.

Pacific buildings, \$1,200,000, frame buildings, \$141,370, alterations and additions, \$143,240, State buildings, \$100,000, Government buildings, \$100,000, Municipal buildings, \$100,000, and other buildings, \$100,000.

The notable thing about the month is the low figure for permanent building construction such as brick and concrete. It is a noticeable fact that no office buildings are now in course of construction, but this probably results from the fact that the city has reached its present needs rather than from business depression or extraneous influences. At that last year's record for November in brick and concrete was only \$780,145, as against \$293,672 for the present year, so that the difference is less than \$100,000, the price of a very ordinary building. Compared with other years the record for November for the past decade is as follows:

November, 1905	\$1,159,462
November, 1906	6,732,385
November, 1907	1,482,765
November, 1908	2,601,186
November, 1909	1,867,073
November, 1910	862,928
November, 1911	2,647,318
November, 1912	2,166,045
November, 1913	1,594,232
November, 1914	2,384,050

The last two years contain the figures for City and State buildings so that the total for private construction is somewhat less, that for 1913 being \$1,022,018 while this year amounts to \$871,691, the lowest since 1910. At that the year will show that the record has been more than 2 million a month and will put us well to the front among the great cities of the United States. And we have more to look forward to the coming year than any other city, for San Francisco will be in the public eye from now on.

The new war tax which has been levied to meet the deficiencies in the government income naturally leads the people to investigate just how our revenue is derived in ordinary times. A recent statement published in the Chicago Herald shows the Nation's Daily Balance Sheet for one day as follows:

Summary of the daily statement of the condition of the United States Treasury at the close of business on November 15, 1914:	
Income of fiscal year to date	\$242,885,414.67
Income last year to same date	274,102,979.16
Decrease of income	\$31,217,564.48
Outgo of fiscal year to date	\$309,068,897.28
Outgo last year to same date	292,634,531.39
Increase of outgo	\$16,434,365.88
Outgo over income this year	\$66,142,482.61
Outgo over income last year	18,771,552.15
Decrease in surplus	\$47,370,930.46
General fund balance November 1	\$80,200,312.79
General fund balance November 15	\$32,829,382.33
Day's decrease in surplus	\$47,370,930.46
plus	\$192,262.50

The new tariff act went into effect October 3, 1913. The holding back of imports for lower rate was probably over by November 1 and normal condition reached. Customs receipts for the first thirteen business days (11 November) 1914 were \$8,813,000.

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However, custom receipts under the new tariff act were \$8,813,000. The holding back of imports for lower rate was probably over by November 1 and normal condition reached. Customs receipts for the first thirteen business days (11 November) 1914 were \$8,813,000.

Indirect taxes are never lost by the people until their attention is called to them. Will it be called to more than offset the decrease of the tariff here now has to be levied the special war tax to meet the deficit that ensued from the cessation of imports.

What an important part electricity plays in the ordinary life of today. It is the subtle fluid for the transmission of power which extends to every department of life. It is one of the chief elements of power used in the gigantic war that is now being waged and its adaptation to different and complex uses often strike us with wonderment.

The plans for one of our latest battleships shows the installation of motors to drive the propellers, steam being only to develop the electric power. Outside of this in a recent installation on board a battleship there were 3000 electric lamps, motors having an aggregate rating of 4000 horse power and approximately 76 miles of cable. And in the detail of the operation of the vessel electricity is the ubiquitous and universal agent.

By electricity the captain transmits his orders as to the speed of the propellers, the position of the rudder, the course of the vessel, and the range of the enemy, as well as his instructions as to the handling of the guns. Each turret and group of guns has its own local system of interior communication, electrical or mechanical. The ship's dynamos, steam driven, are the primary source of electric power, though storage and other batteries are used to a limited extent. A special problem on board ship is the illumination of the cross-wires of telescope sights, to enable the gun pointers to aim at night. This is done by the diffused light from the searchlight used to illuminate the target. In cases where this is not practicable, miniature lamps are kept ready for night sighting. There are also special problems in telephony to be dealt with. One of these is the providing of a transmitter which will operate in any position, which the ordinary carbon transmitter will not do. Loud speaking telephone or megaphones are used for paging, for calling away boats, and transmitting information of various kinds. The bugler blows into the megaphone transmitter the call for the pattern book in the messenger cable for the electrician in charge of a special department and thus save the confusion and waste of time in a system which was formerly involved.

Electricity is the most important factor in the modern world. It is the most important factor in the modern world. It is the most important factor in the modern world.

A REMARKABLE STREAM.

Deschutes River, Oregon, With Irrigate Several Hundred Thousand Acres and Also Furnish Over Half a Million Horsepower.

Deschutes River, Oregon, a tributary of the Columbia, is one of the unique streams of the United States. Its natural flow is remarkably constant, rising in times of so-called floods only a few inches, owing to the fact that the river flows for a considerable portion of its course through a region of lava and loose volcanic material which act as a huge sponge. The headwaters of the river afford reservoir sites so large and so well distributed that the total flow of the river may be utilized both for irrigation and for power. The irrigable lands in the valley, aggregating 300,000 to 500,000 acres, are so situated on a plateau in the upper part of the basin that the total flow of the upper river and its principal tributaries may be utilized for irrigation. Below the irrigable area the river flows in a deep canyon having a fair slope and affording excellent opportunities for power development. A reliable water supply is assured by the return waters from the irrigated areas above, a large proportion of the water seeping back into the channel, and by the lower tributaries of the river. The future use of this exceptional combination of abundant water supply, large area of irrigable land, and great water powers will transform the Deschutes Valley into a region whose agricultural importance will be enhanced by the many hydro-electric plants that will furnish power for local use or for transmission to distant power markets.

Deschutes River and its tributaries have been under investigation for several years by the engineers of the United States Geological Survey in co-operation with the State engineer of Oregon, and the Federal Survey has just issued a comprehensive report discussing the irrigation and power possibilities of its drainage basin. The investigations of power resources indicate that after allowance is made for requirements of irrigation, a total of 600,000 horsepower may be developed. The report discusses these resources in considerable detail, the discussion being based largely on records of stream measurements made from 1905 to 1912. To obtain these data gaging stations have been maintained in the Deschutes River basin by the United States Geological Survey and co-operating parties at 35 points on the river itself and its various tributaries, canals, etc. A copy of the report, which is published at Water-Supply Paper 344, may be obtained free of charge on application to the Director, United States Geological Survey, Washington, D. C.

COMPENSATION FOR ACCIDENTS.

The law of the United States allows compensation only for accidents sustained in the course of employment without negligence or misconduct, causing disability exceeding fifteen days or resulting in death. Compensation is on the basis of full wages, but payment is limited to one year, even in cases of death and total permanent disability.

The total number of claims filed during the first five years of the law was 11,963, of which 14,016 were allowed, 911 disallowed and six were still under consideration at the end of that period. Of the cases allowed, 437 were for fatal accidents. The total compensation paid for all accidents during the five years amounted to over \$1,800,000. Of this more than \$732,000 was paid to 6315 employees of the Isthmian Canal Commission.

In the fiscal year 1912-13 the average compensation reported for 3220 non-fatal and fifty-six fatal cases was \$106.26 and 661.12, respectively. Of the non-fatal cases, 996 were Isthmian Canal Commission employees, who are largely unskilled and are exposed to great hazard, and 2324 were employees of other departments, the two groups receiving an average of \$93.64 and 112.66 respectively. Of the fatal cases, eleven were Isthmian Canal and forty-five other employees, the compensation averaging \$410.77 and \$772.31, respectively. The failure to recognize permanent partial disability on a different basis from disability from which there is complete recovery results in very inadequate compensation in many cases. Thus, fractures of an arm or leg led to compensation payments of less than \$25, the loss of a eye between \$25 and \$50, and in a case of the loss of a right arm the injured workman received less than \$50, while in three cases of the loss of both legs, occurring during the third year, the average compensation was \$37.40.

The small amounts of compensation under this act, when compared with compensation under the various state workmen's compensation laws, are due to the fact that under the Federal law compensation payments limited to usual wages must cease when the injured employee is able to resume work and in any case cannot continue beyond twelve months. Under the more recently enacted state laws compensation, usually on the basis of one-half or two-thirds the average wages, is paid in case of temporary disability during disability, or in case of death or permanent disability for a period extending to six years, and in several states to eight years.—Bulletin U. S. Department of Labor.

BRICKMAKING IN IRELAND.

The brickmaking industry in the north of Ireland has, for the past three years, been in a very stagnant condition, chiefly owing to the political situation in Ulster, says the Buffalo, N. Y. "Courier." There is a big demand for small houses in Belfast, but the fear that the new Irish parliament may tax property has prevented and is preventing the builders from erecting these unless they are sure of an immediate sale of the property.

Plans have been passed for a fair proportion of large contracts such as building warehouses and additions thereto, and when times are normal these will be proceeded with at once. The Belfast city council are building two hundred and fifty workmen's houses, this being the only big contract in the city at the present time, while in the immediate vicinity of Belfast some three hundred laborers' cot-

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1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & Way



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tages are being erected by the government.

Had Irish political affairs been amicably settled, the building trade would have received a great impetus, but the declaration of war made satisfactory conditions appear still further away. The trade is practically a local one and depends entirely on those who build property as an investment; therefore, until such time as peace is declared, the brick manufacturers in the north of Ireland must rest content with a comparatively slack period and prepare for the rush of business which will come although circumstances may somewhat delay it.—Brick and Clay Record.

SECONDARY METALS.

The value of the "secondary metals," exclusive of gold, silver, platinum, and iron, recovered in the United States in 1913, was \$72,845,000 according to J. P. Dunlop, of the United States Geological Survey. Even this large figure is a decrease compared with 1912, when the value was \$77,396,000. "Secondary metals" are those recovered from scrap metal, sweepings, skimmings, drosses, etc., and are so called to distinguish them from the metals derived from ore, which are termed "primary metals." The distinction does not imply that secondary metals are of inferior quality.

The Sihlwald, or city forest of Zurich, Switzerland, adds to the town's revenues \$7.20 per acre a year, reducing the amount needed to be raised through taxation by more than \$32,000.

In northern Idaho and Montana, which had many fires during the past summer, 35 per cent of the fires on national forests were caused by railroads, 26 per cent by lightning, and 10 per cent by campers. The remainder were due to brush burning and other miscellaneous or unknown causes.

To guard against tree repair fakers, or quack tree surgeons, the Massachusetts forestry association will inspect the shade trees belonging to its members, free of charge.



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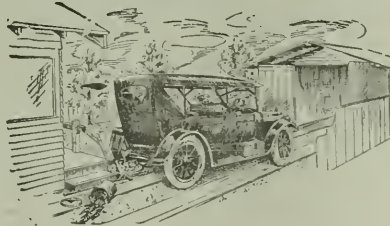
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Editorial Comment.

Ex-president Roosevelt is much concerned over the attitude of President Wilson in the present war crisis. That this government should have taken action against the unlawful acts which have marked the European war, such as the German invasion of Belgium; the Japanese capture of Kiao Chow; the alleged sowing of mines in the open seas and various other things.

Roosevelt's criticism of this country's unpreparedness for war is well taken and timely in view of the fact that as long as there are nations in the world whose chief end is military aggression we must at all times be prepared to defend ourselves. But his insistence that we mix up in European troubles is doubtful advice. We desire at all times to have the "peace of righteousness," but if we set out to rectify all the wrongs in the world we will have our hands full and will in the end lay ourselves open to the charge of being a dictator. The Monroe Doctrine proclaimed the policy that we would keep out of European politics and at the same time announced that the European nations must keep out of American affairs. We are not called upon to do police duty for the whole world alone. And in the present crisis about all we can do is to give our moral support to the cause of justice and mind our own business.

The proposition to erect a state building in Los Angeles failed to carry at the last election. And looking over the result of the ballot most people outside of Los Angeles will not be inclined to shed any tears about it. For Los Angeles voted overwhelmingly in favor of her own building and at the same time voted against a similar proposition of San Francisco and Sacramento. San Francisco and Sacramento both voted for the Los Angeles measure. So that it was the general public throughout the State that voted down the proposition to erect a State building in the Southern City. The habit of Los Angeles of boosting its own interests and knocking every body else is apparently bearing fruit throughout the State.

In respect to the employment of men in California on account of the opening of the Panama canal the views of President Wm. Spruille of the Southern Pacific and those of Isador Jacobs, President of the California Canneries Company differ widely. The President of the Canneries Company reports the following increase for the year.

"The total combined pack of California fruits and vegetables in 1914 was 8,510,000 cases, or about 200,000,000

cases, of an approximate value of \$21,000,000. It shortly will reach a total of 10,000,000 cases, and then rapidly advance towards the 20,000,000 mark, as the markets of the world are now opened up to the industry.

Who can predict the extent of the growth of the canning industry in the near future? Beginning in 1863 with a total pack of less than 7,000 cases. In 1880 it had risen to 220,000 cases. In 1890 about 1,500,000. In 1900 about 2,700,000 cases. In 1910 about 6,000,000 cases."

The pack of fruit in California during the last season is placed at five and one half million cases, valued at \$15,000,000. The pack of vegetables is put at three million cases, worth \$6,000,000. Exports to England were 40 per cent above the average.

Within the next year or two California can expect a twofold development in its fruit trade. The European war will cut off the supply of Europe to the world. The canal route will open the markets of the East to all our canned goods. Even fresh fruit of hardy variety may be sent by water to Atlantic ports. So here we have all of California's industries that depend upon a market outside of the Pacific coast states profiting by the canal. As against this is the interest of the railroad whose prosperity the President says depends upon the maintenance of high rates. And these high rates were established to pay interest upon watered stock, and money that went into the hands of the officials and was never expended in the construction of railroads or anything else.

The Massachusetts forestry association offers as a prize the planting of fifty acres of white pine, to the town which gains first place in a contest for town forests.

The annual cut of British Columbia timber is approximately 2 billion feet. There are 420 mills and 790 logging camps in the province, employing about 60,000 men.

RUBBER ROADS.

Considerable interest has prevailed in England for some time over the suggestion of using rubber for street pavements. Trial sections of such pavement were laid in the old Kent Road, in London, some time ago, as this street carries some of the heaviest traffic of the city and recently a specimen of this pavement was exhibited. The wood block pavement adjoining had worn down from a depth to a quarter of an inch. But at the same time the rubber support wood blocks appeared as good as new, and it would appear from these facts that rubber pavements would be an ideal as to make them an economic investment.

THE BUILDING OUTLOOK.

THE American Contractors' Business
as Seen by Architects in All
Parts of the Country.

Rarely, if ever, has there been a time when the future in the building industry has been so difficult to scan, as during the recent weeks and months. Rarely, if ever, have the prospects been so tantalizing, now promising a splendid expansion, now shadowed by the darkest clouds of incredulity. Rarely, if ever, has the interest in this question been so keen among architects, engineers, contractors and builders.

If architects and contractors are the more directly interested a vastly larger class of the American people are vitally concerned. For there is in the country no industry, save agriculture in its entirety, that equals in importance that of construction work. Building permits issued in New York City this year will be about \$150,000,000. At the same average throughout the country the total building of the country would amount to about \$3,000,000,000. The building permits for Chicago for the year will reach about \$90,000,000. On that basis the total for the country would be \$4,500,000,000. The active work in Philadelphia in 1914 will total somewhere near \$40,000,000. At a corresponding rate the building for the entire country would reach close to \$3,000,000,000. The per capita construction work in the rural districts is doubtless less than in the towns and cities, but the majority of the American people now live in towns and cities and the growth of the smaller municipalities in the great majority of instances equals or exceeds that of the larger cities. It would perhaps be extremely conservative to estimate the total building of the Country in excess of \$2,000,000,000 annually or approximately \$100 for each family. In its final analysis most of the building cost consists of labor. And remembering that the average family income throughout the country is scarcely \$500, the building industry looms up as of commanding importance, a degree of importance not generally appreciated. It represents about 20 per cent of the total expenditures of the people.

Like all other branches of human effort, it is involved more or less at present in the general business perplexity. Yet it is at least semi-independent, and does not ebb and flow in exact rhythm with general conditions. It possesses to a considerable degree an initiative of its own, but only so far as it is free from financial dependence. The one great cloud that has hovered over the American nation during the past several months has been financial in its character. There have been other contributing elements to the slowing down of business, and some of them no doubt important, but in recent years large American borrowers had availed themselves more and more of the plethora European money bags, borrowing there in huge and ever increasing amounts, year after year. When the chill of war went through the financial world the European purse strings tightened and those large American borrowers, who

crossed the seas for their requirements, were "up against it."

Another even more serious consideration was the large holdings of American securities abroad in consequence of the borrowing. To prevent the dumping of these securities on this side, and the consequent draining of our gold, the stock exchanges had to close. Additional unsettlement came pending the inauguration of the new banking system. It is little wonder that the bankers "sat tight" and waited. But those plunges have been taken and are now things of the past. It is of the future that the building interests are now the more vitally concerned. What of the future?

The American Contractor has taken especial pains during the past few days to sound the temper of the building trade, in all parts of the country. A large number of architects, contractors, builders, bankers and others have been interviewed and their best judgment as to the outlook has been obtained. These judgments may be summarized as most cheering. The spirit of optimism is reasserting itself in all parts of the country and the way seems to be paved for greater activity.

Looking to general conditions, the returning financial confidence is no doubt of prime importance. The stock exchanges are gradually resuming their normal activities. The fear of the foreign dumping of American securities is in part dispelled. And well it may be. The new banking system insures an adequate supply of currency for domestic needs, elastic enough to suit all conditions of trade. And should the sale of foreign-held securities again increase sufficiently to endanger the gold reserves, it would be as simple a matter as before to again close the stock exchanges. There would be in that measure no reflection upon the domestic financial situation. It would be merely a precaution to retain our gold. Considerable timidity continues in banking circles, induced in large measure by the European war and the fear of a possible American involvement of some sort, but confidence is rapidly growing that the United States can make herself independent financially as well as politically, and as that idea strengthens the skies will brighten to gorgeous hues. The country may not yet be approaching a boom period but the allaying of financial fear, that has recently occurred is an asset of almost incalculable value. A condition that deserves special emphasis is that architects almost everywhere are optimistic in the expression of their views, and the reasonable interpretation of this is that a large amount of work is being planned. It will no doubt be interesting to present here the local conditions existing in various parts of the country and accordingly extracts from the letters of some of our correspondents are reproduced:

As Viewed in New York City.

"The business outlook from the standpoint of engineers and architects

of the more prominent class, is far better than it has been for years. Some have large plants on hand which the European war has temporarily held up, but will go ahead it is claimed after January 1st irrespective of European conditions which are mostly to blame for the tie up of the money markets, although in some places the loan rates are better than before the war and has kept a certain class of speculative work in motion.

"Among the Sanitary Engineers while the war has not noticeably affected them, they plan for great things during the next few years and are at the present time holding several professional exhibitions and conferences which is deemed necessary from the optimistic outlook. Some trouble is experienced by municipalities in floating bonds to cover the construction of water works and other municipal necessities, and in many cases they are asking contractors to accept the bonds in part payment. The general outlook is very optimistic, which optimism is helped considerably by the stand of the government officials and the opening of the Federal Reserve Banks."

Another New York authority writes: "The majority of architects of my acquaintance have as many prospects for next year as they had this time last year. There is a great falling off in building operations. Money for new schools is almost impossible to get. Money can be obtained for speculative work, business buildings or private dwellings where there is an equity of 50 per cent."

This view reflects a less uniform condition: "Some architects have made plans, taken bids and then submitted the figures to the owner, and they have seen good bids too, only to have the owner hesitate and finally decide to lay the project over until next spring. This has happened very frequently, and in most cases the client has been so financially situated as to be free and independent of all loan companies. Some few architects are receiving more inquiries now than before, and a great many are entering into competitions now of all kinds that heretofore only did this, occasionally. The general opinion however is, that things will begin to pick up after the new year."

Another correspondent writes: "A spirit of optimism prevails among the majority of contractors, but the general impression prevails that the spring will see a decided improvement. Only today I had one man tell me that he was 'living in hope.' Most builders are doing something even if only enough to talk about. Several have stated that the opening of the Federal Reserve Banks will in all probability loosen up the money market. The falling off seems to have hit the speculative line hardest of all, as there are numerous dwellings and residences which are going right ahead. Factory additions are coming into prominence also."

Chicago is Optimistic.

In Chicago, it is stated, too much reliance should not be placed on surface conditions, surface conditions not being particularly roseate. There has been a steady, almost strong activity in the smaller residence activities. But of the latter considerable work is being quietly done, of which nothing is for the present said. At some time in the future, possibly in the spring, this work will be ready for execution, and when it does appear will go far towards giving a decidedly more active quality to the building situation. One thing that is notable at the present time is the degree of cheerfulness that exists among architects. They appear to think they are getting about as much business as the general conditions would warrant and among them the opinion is widespread that construction work will quicken next spring, if not earlier.

In Philadelphia.

Philadelphia reports that inquiries and requests for plans for buildings are coming in, but are not as numerous as last year. The falling off of business for this territory is not confined to any particular line, but covers them all generally.

Since the European war started this country has been undergoing a reconstruction period, in other words trying to find ways and means to adapt itself and its manufactures to the new conditions. In the East there has been a number of business men elected to a board to look into the conditions in South America and to find out how to get that business. If the manufacturers are awake, as a lot of them are, they will find away to cater to this business. If they get their goods to South America the way the South Americans want them they can easily get nearly all the business.

Business conditions and prospects through Western Pennsylvania are thus summarized: "Although business is poor at present it seems to have a bright future. The majority of people are forgetting all about the European war and the establishment of the Federal Banks will no doubt help to better conditions. Very few of the architects and engineers are at present actively engaged in work, compared with the number engaged during the fall and winter of 1913-14, but even this condition will not likely destroy future prospects, as there seems to be a great deal of contemplated work talked of, probably more than there has been for some time during the past."

Another correspondent in western Pennsylvania says the expectations of all architects is hopeful. There is a large amount of work on the verge of being planned and when things let loose it will be a busy year. Some are rather busy now.

Washington's Prospects.

A general feeling of optimism prevails in the city of Washington, in looking forward to the months of January and February of the new year. For the past month of November the private building field in this city has been very lax, due, as the architects explain, not to the want of disposition on the part of the owners to build, but to the obtaining of loans on proper security. This inactivity in the private enterprises has been greatly offset by a large amount of United States Federal projects and work by the city

government, which has been placed on the market during the past two months. A general opinion of the architects expresses a belief that no great improvement will be made during the month of December of this year, but from the first of the new year the building profession will enjoy a firm progression.

Boston advises are that the majority of architects say they are having as many requests for sketches for residential work, as they have usually had at this time of year. But as regards the larger business buildings and speculative apartment house work, there is hardly any going ahead or being planned.

From Albany, N. Y., our correspondent writes, "Most of the architects anticipate the average amount of work. With few exceptions, they seem to have enough at present and feel it will increase after January. Building has been held up in different localities on account of the tightness on money, due to the war and other troubles. The interest on loans today is the same as it has always been, viz. 6 per cent. There has been no laws of late enacted to prevent or discourage building. From what I can learn business in the building line will be as good as the present year, if not better."

Buffalo, N. Y., is not specially optimistic though there is a silver lining to the cloud. Our correspondent writes: "Architects, contractors and others connected with the building business in Buffalo and Western New York hold pessimistic views of the prospects for business for the next three or four months. Some are hopeful of a boom when spring opens up, but others do not look for much improvement for six months or more. Their reasons are various. Architects have few orders for plans for spring building. Some are making sketches, but none has nearly as much in prospect as in former years at this time. There is little or none in prospect in industrial lines. Most of the stuff in sight is residential work. Firms in manufacturing lines will not increase their capacity until they see business ahead. The tightness of money prevents the promotion of new manufacturing industries, with a consequent derth of factory building. This inactivity in manufacturing lines stops the building of stores. The lack of money among the people curtails speculative building, and few persons are thinking of erecting homes unless they have the money to pay for them without depending upon the banks. Business men figure that this is too big a country to be held back in its progress. They feel that the prosperity we ought to have has merely been deferred, and that as soon as the money is available to carry on business as usual, the country will experience a boom. Nearly every architect's office has one or more plans for large buildings which have been held up for lack of money. These building projects will be revived in the spring, if money becomes easier and the business outlook is better."

The Situation in Ohio.

This comprehensive review comes from Columbus, Ohio. "With the brightening of the business skies, the outlook for a good building season in Columbus and central Ohio is getting better each day. Some of the architects report that they are busy with

work planned for starting in the early spring while others report that requests for sketches which are out will be approved early in the year. This view of all classes of business, except those of a speculative character. The general impression is that buildings of this class will be postponed until after necessary additions to factories, business buildings, residences and the like have been erected.

"The banking situation has been improving steadily since September 1, and a canvass of the Columbus banking district indicates that ample money will be available for all legitimate building propositions in 1915. And the rate, according to well informed bankers, will not exceed 6 per cent. In some quarters there are indications that some 5 per cent money will be available for all legitimate building projects. The establishment of the Federal Reserve Banks has produced a decidedly strong tone to banking conditions in central Ohio, and while bankers say that the new plan has not been in operation long enough to tell just what the ultimate results will be, they are confident that the new banking law has provided the necessary machinery so that there will be no panic such as was experienced in 1907. The building and loan associations, which at the outbreak of the great European war curtailed their loans and in some places stopped them altogether, because of the lack of deposits, have resumed loans and are making promises to their depositors that there will be ample funds for any home building they may want to do next year.

"A prominent architect in discussing the fact that many workmen were still out of work called attention to a fact which he had observed during several years' experience and that was that even men out of jobs will vote in favor of bond issues, in the hope that such action will result in the spending of public money right at home and at a time when it is most needed. This architect after a careful survey of the situation in Ohio made the prediction that the year 1915 would be marked by the erection of more public and semi-public buildings in Ohio than ever before.

"Boards of education which were hampered during the latter part of 1914 because of a failure to sell bonds or who delayed necessary new buildings because of the prevailing conditions, are looking forward to getting their building propositions before the voters in a favorable manner in the early spring. The growth of population in all of the cities and larger towns in the central part of the state has made imperative the construction of new school buildings. Throughout the rural districts there has been an increasing demand for more and better school buildings and as the farmers have the money these buildings are sure to come to the front for early erection in the spring.

Architects report that there has been an increasing number of requests for churches. When the Ohio legislature assembles in January, representatives of the building interests will appear before the members with plans that nothing be done to hamper the development of the building industry in the year 1915.

The state of Ohio, which has been retreating in building somewhat dur-

ing the past two years, has reached a point where many additions are needed to the state institutions. Indications are that plans involving the expenditure of four millions of dollars or even more will be presented to the legislature. Under the new law in Ohio, all of the eighteen state institutions are under the control of the board of administration and that board has outlined a comprehensive plan for the erection of a score or more of necessary buildings in 1915.

Concerning Cincinnati, this statement from Myers Y. Cooper, one of the largest operators in that city's real estate and a prominent builder of homes, is appropriate: "It is now comparatively easy to finance the home buyer. Building associations are again making loans and much private money has come into the market for the same purpose during the past month, the entire situation reflecting the general ease-up in conditions."

Our Cleveland correspondent says: "The majority of architects and engineers in northern Ohio including Cleveland, are busy on preliminary plans for work that will be started early in spring; a large number say that judging from present indications the coming summer will be the most prosperous in the building trades in the history of the country. There has been no appreciable falling off in any line of the building business, and if there has been any it has been in the private residence work. Most of the people engaged in building believe that the opening of the new Federal Banks will tend to loosen up money and enable the banks to make more loans. The general opinion is that if there was less war talk and more business talk, business would continue to improve."

Concerning conditions throughout northern Ohio and Indiana our correspondent writes: "The general conditions as they look to architects now, for building in the spring of 1916, are that they will even surpass the building operations of 1914. The prospective work for spring has or is beginning to show results and is looked upon very favorably by the architects and builders in such cities as Toledo, Lima, Sandusky and in fact throughout the whole northern part of Ohio. The northern part of Indiana is just as favorable for future building, as in the cities of Ft. Wayne, South Bend, La Porte, Elkhart, Warsaw and others. The new Federal banking system has met with approval and most architects and contractors believe it will be a great help to general business and also to their own. It is now easier to obtain loans from the banks throughout northern Indiana and Ohio, and the rate of interest has dropped down to normal on loans throughout this territory."

Our Detroit correspondent writes: "The building line is very quiet, but a decided change is looked for in the near future. The architects have plenty of work on prospective buildings and all agree that the first of the year will bring out new work. At the present time the people cannot make loans on the banks, which is the only thing that is holding back the work. Money is expected to loosen up any day and the architects are making daily trips to the banks in an endeavor to obtain loans. Some of the architects have work that will not mature until spring, but the bids will be taken and

the contracts let so as to have everything in preparation for early spring building. Building in the smaller towns has quieted down and the architects are looking for early orders for drawings to be put out for bids early in spring."

Indiana Architectural Field.

This review of the Indiana architectural field comes from our Indianapolis correspondent:

"On the surface architectural activities are quiet, but there is a strong undercurrent that tends to busy and active operation in the spring. The consensus of opinion among the architects is that the new work will begin to make itself felt shortly after the first of the year. Fall work in Indiana this year was behind the usual volume of business, in fact, some of the architects who have been practicing for years said this was the quietest season they had ever experienced. However, the architects took the dullness gracefully; they attributed it to the general unsettled conditions that affected all lines of business and considering the stagnation that enveloped mercantile, financial and real estate circles locally, the showing in the building field was not so bad after all.

"Many large and small projects all over Indiana are held in abeyance, there being hardly an architect but has a hibernating project awaiting the coming of spring. The inability to negotiate loans with which to pursue building operations was the prime factor in this general postponement, yet there were quite a few projects held over as it was late and there was a fear that the weather would break badly.

"Financial matters seem to be assuming a more liberal basis and money for 'sound business' will be more available directly. Such a condition will add a new impetus to the building field. While the Federal Reserve Act is expected to greatly stimulate business, still the prediction is made that those who are looking for cheap money are going to be disappointed. There is and will continue to be a big demand for money and the interest rates will be kept up, but this feature is not expected to greatly retard legitimate and necessary building.

"Architects generally are optimistic, they are doing considerable sketching and though one can never tell the outcome of this early work, there seems to be a firm tone back of the new prospects. At this time there are on the boards in Indiana some large projects — schools, banks, municipal buildings, fraternal organization buildings and private undertakings — on which plans are already under way. Many of these will appear for bids early in January or February and will make a good wedge for the opening up of the spring building campaign. There are many good live propositions still in the embryo state that are bound to materialize before the summer rolls around. Taken all in all, the outlook in Indiana is not a gloomy one by any means."

Outlook for Milwaukee.

Conditions and outlook in building construction for Milwaukee are thus reviewed by our correspondent in that city:

"There has been an unusually large amount of speculative building going on here in the past four or five years,

This work suddenly slumped, probably on account of the increase in interest rates; others attribute it to over supply in this class of work. Money 'scare' naturally affects a small investor first and the demand for buildings in this class dropped at once.

"The future conditions look bright. The rate of interest on loans has gone down from 5½, 6 and even 6½ and per cent to 5 per cent, which is normal rate, and where good security is offered there is not much trouble getting a loan. Inquiries and requests for loans are as numerous at this time as they were last year, if not more according to the architects. They all seem to feel that the new Federal Banks will help to keep the money market open, and are looking forward to a prosperous spring season. They expect quite a boom in new fact buildings and improvements to present plants. At the present time tentative plans have been drawn for several large buildings. These buildings will be started right after the first of the year. The small investor also seems to be taking a brighter view of things and there will in all probability be a usual demand for residences and complex plans.

"Taking it all in all conditions seem to be slowly going back to normal. It may be a matter of several months before this desired condition is reached but from what I have heard and have been told, the greater majority feel that they have at present no cause for worry about the future."

In Minneapolis the interest rate loans after war was declared went as high as 8 per cent and probably higher, but it has since steadily decreased until now it is practically normal, the rate now being 5½ per cent to 6 per cent on residence work and about 5 per cent on larger buildings. The falling off of business is confined to any certain classes of buildings, but affects the general building business. Requests for plans for new buildings to be erected in 1915 were very good, in fact fully as good a year ago at this time. Some architects report prospects even brighter than a year ago. All indications point to a very good year in this territory.

Conditions in St. Louis.

In St. Louis our correspondent emphasizes on "Safety First" as a guiding policy. He says: "Conditions have not changed materially in the last four months, and at the present time the outlook for the future does not appear very rosy. From inquiry we come to the conclusion that our bankers adhere to St. Louis' last axiom, 'Safety First.' It is not that St. Louis is not doing any business. In most of our industrial and mercantile lines we are practically doing the same volume as last year. Some firms even claim an increase over the year 1913. But as to the building conditions we must hark back to our last axiom, 'Safety First.' The spirit is here to but our bankers will not take a chance. We have another axiom, 'don't take a chance as the odds are all against you.' It is not that the opportunities are lacking, as opportunity is continually knocking, and in fact bringing her knuckles trying to make some of our leading citizens wake up. There are thousands of sketches prepared for buildings of all descriptions and a great many more that plans a

drawn for and placed in the hands of contractors. A price is obtained and the architect and owner look for a loan only to encounter "Safety First."

Kansas City reports that although things are slow, architects, engineers, contractors and builders are very optimistic, and looking for a flood of business by spring.

Reprint of The American Contractor, December 5th, 1914.

INCORPORATIONS

Mines Equipment Company. To deal in State's rights, claims and real property of all kinds. Capital Stock, \$50,000; 50,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—R. Hosse, A. R. Partridge, C. W. Eastin, J. B. Heymes and M. Eastin, 10 shares each.

Pocket Movie Co. To deal in moving picture films, lanterns, projecting machines, etc. Capital Stock, \$500,000; 50,000 shares at \$10 each; amount subscribed, \$500. Place of business, San Francisco. Directors—G. C. Fraser, F. H. Doyle, J. A. Bloch, W. Parkes, E. Harter, 10 shares each.

California Travelogue Company. To exploit California by moving pictures and educational expositions. Capital Stock, \$18,000; 18,000 shares at \$1 each; amount subscribed, \$6000. Place of business, San Francisco. Directors—R. P. Drake, W. F. Gildert, L. H. Cadmus, 2000 shares each.

Union Park Land Company. To deal in real estate. Capital Stock, \$50,000; 5000 shares at \$10 each; amount subscribed, \$40. Place of business, San Francisco. Directors—J. Samuels, J. Rosenthal, A. E. Kern, A. P. Dessous-lavy, 10 shares each.

Fandango Dance Hall Company. General amusement enterprises. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—W. Smith, J. B. von Grison, C. L. von Grison, 1 share each.

San Francisco Reduction Company. Cert. Copy. To reduce and destroy garbage, rubbish, etc. Capital Stock, \$25,000; 2500 shares at \$10 each; amount subscribed, \$1200. Place of business, San Francisco. Directors—Wm. O. Mills, 100 shares; J. O. Mills and A. Emerson, 10 shares each.

California Compensation Company. Liability insurance including workmen's compensation insurance. Capital Stock, \$100,000; 1000 shares at \$100 each; amount subscribed, \$100,000. Place of business, San Francisco. Directors—A. J. Chiebing, H. Weinberger, M. B. Hoster, B. E. Westervelt, G. M. Murphy, 200 shares each.

Chateau Bellevue Vineyard Company. To maintain and conduct a vineyard. Capital Stock, \$200,000; 20,000 shares at \$10 each; amount subscribed, \$60. Place of business, San Francisco. Directors—M. Garbini, E. D. Hopper and R. L. Rudy, 2 shares each.

Forty-Nine Cafe, Inc. Restaurant and cafe business. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$1. Place of business, San Francisco. Directors—J. O. Hickman, H. R. Cousins, W. Smith, C. B. Morganthal, 1 share each.

The Turner and Dahnken Contracting Company. To operate theatrical

enterprises. Capital Stock, \$2,000,000; 300,000 shares at \$5 each; 300,000 shares preferred as to assets and dividends bearing 10% amount subscribed, \$500. Place of business, San Francisco. Directors—J. T. Turner, E. Dahnken, 30 shares each; E. L. Langley, 20 shares; J. A. Burk, Jr., E. B. Johnson, 10 shares each.

Panache Canal Company. To supply water for irrigation and for domestic use. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$30. Place of business, San Francisco. Directors—E. D. Knight, A. P. McCreadie, J. L. Nichols, 10 shares each.

"Pioneers Manufacturing Company" and amendment changing name to Lisle Manufacturing Company. Cert. copy. To manufacture well-boring and rock drilling machinery. Capital Stock, \$50,000; 500 shares at \$100 each; amount subscribed, \$30,000. Place of business, Clarinda, Iowa. Directors—C. A. Lisle, W. E. Bliggs, M. C. McVey, S. H. Powers, R. G. Powers, W. T. Stockton.

Christofferson Aircraft Manufacturing Company. To construct and deal in all kinds of aircrafts. Capital Stock, \$100,000; 100,000 shares at \$1 each; amount subscribed, \$50. Place of business, San Francisco. Directors—N. Schulowitz, C. Coonan, O. B. Wyman, C. Grange, E. C. Cleveland, 10 shares each.

The Western Lands and Mining Company. To deal in real estate. Capital Stock, \$1,000,000; 1,000,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—E. Sawyer, L. A. Sawyer, F. Rittigstein, 1 share each.

Salems Church of the Evangelical Association of North America. Cert. Copy. Religious. No Capital Stock. Place of business, San Francisco. 6 directors.

The New Investment Company. To deal in real estate. Capital Stock, \$10,000; 10,000 shares at \$1 each; amount subscribed, \$50. Place of business, San Francisco. Directors—Wm. M. Malone, C. A. Phelan, R. Brown, O. L. Kurich, G. W. Goodale, 10 shares each.

The Greek Times Publishing Company. To publish newspapers, magazines, etc. Capital Stock, \$10,000; 2000 shares at \$5 each; amount subscribed, \$3000. Place of business, San Francisco. Directors—P. N. Tupodis, S. Maurelis, 200 shares each; D. P. Damascus, C. N. Yavvris, 100 shares each.

M. T. Coupon Co. To deal in Merchants' Trade Coupons, profit sharing stamps, etc. Capital Stock, \$30,000; 30,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—H. J. Dortmund, L. J. Jones, G. J. Creely, F. Sharver and E. G. Seudder, 1 share each.

Zucker-Newman Co. To sell and dispose of novelties and notions. Capital Stock, \$100,000; 1000 shares at \$100 each; amount subscribed, \$300. Place of business, San Francisco. Directors, Harry K. Wolff, D. K. Selbert, S. Simons, 1 share each.

Cave Dale Oil & Development Co. Mining claims, mineral rights, oil wells and real estate. Capital Stock, \$200,000; 400,000 shares at 25 cents each; amount subscribed, \$125. Place of business, San Francisco. Directors—L. M. Olds, T. A. Keogh, A. C. Duerr, R. L. Crooks and J. R. Daniels, 100 shares each.

CO-PARTNERSHIP.

Napoleon Hutto, George Weinman as N. Hutto & Co.
J. M. Brown, L. C. Weinberg as General Auto Supply Co.
E. L. Lemmon, G. A. Penock as Penock Motor Sales Company.
L. H. Petersen, L. Burkhardt as Petersen Decorating Company.
J. H. Wasschkrug, M. Gorden as Filmore Auction Co.

NOTICE OF NON-RESPONSIBILITY.

Dec. 1, 1914. W. BERLIN 100 N. Harrows N. 25xW 120. Lot 23 Blk 18 11 R Ave 11d Ass'n. Sarah Weinstein as to improvements on leased property.

INCREASE CAPITAL STOCK

Products Development Company, increased from \$50,000 to \$125,000.

BUILDING CONSTRUCTION SINCE FIRE.

Report Compiled By Department of Works Shows Approximately \$262,633,760 Spent in Building Construction.

An interesting report showing the progress of building construction throughout the city and county since the conflagration of May 1906, to November 30th, 1914, has been compiled in the office of Chief Inspector of Buildings, John P. Horgan of the Board of Public Works.

During this time the report shows a total of 53,978 permits issued at an estimated cost of \$262,633,760.

As shown in the complete list of figures following this amount does not include building construction undertaken by the State or Government within the boundaries of San Francisco nor does it include all buildings erected by the Municipality since 1906 as the estimate cost of all Municipal buildings has not been given over to Chief Horgan until recently.

The complete report is as follows:

Class	No. of Bldgs.	Amount
"A"	177	\$33,455,004.00
"B"	203	14,805,486.00
"C"	2,788	82,762,348.00
Frames	25,911	98,747,392.00
Alterations	24,806	18,531,796.00
Expo. Bldgs.	82	9,943,577.00
Public Bldgs.	11	4,388,163.00
Total	53,978	\$262,633,766.00

ELEVATORS' DOORS DANGEROUS

John J. Cunningham has complained to the Board of Public Works that the elevator's doors in the building at 150 Eddy street are dangerous, on the second and fourth floors of the building.

WILL RAZE BUILDING.

The Dolan Wrecking Company has filed application with the Board of Public Works for a permit to tear down a one story frame building located at 119 Larkin street. This structure is in the fire district.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, story and base, frame, \$15,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building will be erected on the north side of California street west of Leavenworth, covering an area of 25 by 70 feet, and has been designed to contain a total of six suites besides a private garage. Suites will consist of two and three rooms. All apartments will have wall beds and private baths. Interior finish will be of pine, redwood and elm. Some hardwood floors will be used. Plans provide for steam heat, automatic elevator and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work is now being done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, Koenig & Christiansen, 750 Parnassus avenue, S. F. Owner, O. Petersen. The building will be erected on the north side of Judah street east of Eighth avenue and will cover a ground area of 27 by 66½ feet. There will be six suites of two, three and four rooms. All apartments will have private baths and wall beds. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and halls. There will be steam heat and a hot water system. Bath rooms will be finished in tile and composition. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects.

SAN FRANCISCO—Apartment house, 1 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Four District and has been designed in the Pueblo style. The structure covers a large ground area and will contain a total of eighty rooms arranged in two, three and four room suites. Interiors will be finished in pine and hardwood with hardwood floors in the living and dining rooms. There will be steam heat, a hot water system, electric cooking apparatus and vacuum cleaning system. All suites will have wall beds and private baths. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base. Class C construction, \$25,000. Architect, W. W. Breite, Clunie Bldg., S. F. Owner, Frederick Steffen. The building will be erected on the east side of Hyde street 112 south of Ellis, and has been designed

to contain a number of two and three room suites with private baths and wall beds. Interiors will be finished in pine and elm. Hardwood floors will be used. There will be steam heat and a hot water system. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of California and Stockton streets and will cover a considerable ground area. Interior will be finished in pine, redwood and southern gum. There will be a number of suites arranged in two and three rooms. Private baths and wall beds will be used. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a hot water supply. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

BONDS

REDONDO BEACH, LOS ANGELES CO., CAL.—The City Trustees of Redondo Beach have agreed on the selecting of a site for the proposed library building and will soon call a bond election in which to secure funds for the erection of the building.

The site consists of thirteen lots, fronting 270 feet on Vincent street, 175 on Elana avenue and 150 feet on Broadway.

STOCKTON, SAN JOAQUIN CO., CAL.—Engineer G. E. Grunsky of San Francisco, the consulting engineer in the preparation of plans for Stockton's new sewer system, states that the drawings are nearly completed and will be ready for approval in ten days. On approval of the plans a bond election will be called to raise funds for the construction of the system.

AUBURN, PLACER CO., CAL.—Preliminary plans for a municipal lighting system, to be constructed and operated by the city of Auburn, are now under consideration by the City Trustees.

The matter will be considered by the Trustees at their meeting in January, when it is thought that a date for the calling of a bond election will be set.

DINUBA, TULARE CO., CAL.—The million and a half dollar good roads bond issue has been defeated by approximately 700 votes. There was but 50 per cent of the registered vote polled.

At the Dinuba precinct there were 498 votes in favor of the issue and 221 opposed. Visalia cast the highest vote favoring the bonds, the vote being four to one favoring the bonds and had 188 votes over the necessary two-thirds majority.

WINTERS, YOLO CO., CAL.—Bonds of \$50,000 will be voted at Woodland on December 6th. The proceeds of the issue, should it carry, will be used in the construction of a new high school building.

PLACERVILLE, EL DORADO CO., CAL.—The proposition of calling a bond election at which time the voters will decide to bond the city for funds to pave Main street from end to end is now under consideration.

SEABASTOPOL, SCHOOL DISTRICT SONOMA CO., CAL.—The Board of Supervisors has sold the \$20,000 bonds of the Sebastopol School District to N. V. Halsey & Co. for \$20,007 and accrued interest.

VALLEJO, SOLANO CO., CAL.—Fifty thousand dollars worth of the State Highway bonds, bearing interest at the rate of 4 per cent and purchased by the county less than a year ago, have been sold by the Supervisors for \$46,000.

This is the first sale of any of the \$350,000 worth of bonds purchased by the Supervisors to insure work on the highway through Solano County.

RICHMOND, CONTRA COSTA CO., CAL.—Seventy-five thousand dollar worth of Richmond School District bonds, the last portion of the \$150,000 issue voted by the people last January, have been sold by the Supervisor. Three sites for school buildings will be purchased immediately. One for the Pullman, East Richmond and El Cerrito schools.

SAN FRANCISCO, CAL.—The Nap City Water Company has applied to the State Railroad Commission asking leave to sell \$14,500 of its bonds at not less than 90.

COLUSA, COLUSA CO., CAL.—The second installment of the State Highway bonds of Colusa County have been sold to the First National Bank of Colusa. The bonds amounted to \$125,000 and were sold for \$112,328.12, leaving \$11,171.87½ for the county to make up.

Provision for this deficit has already been met by the county. There are about \$115,000 of highway bonds yet to be sold in this county.

WOODLAND, YOLO CO., CAL.—The \$100,000 bonds recently authorized by the voters of the Woodland School District for the purpose of building a new grammar school, will be sold to the highest bidder on December 19th.

HUNTINGTON BEACH, ORANGE CO., CAL.—Another bond election, is expected, will be held in this city in the near future. A petition is now in circulation asking the City Trustees to call a special election to vote bonds of \$6,500 to secure adequate fire protection.

HOLTVILLE, IMPERIAL CO., CAL.—The County Board of Supervisors has turned down the offer of Halsey & Co. of 90 per cent plus accrued interest for \$50,000 worth of highway bonds. This would mean an actual loss of 7 per cent by the county.

MARSHFIELD, ORE.—A bond issue will be presented to the voters at a

election to be called in the near future for the purpose of raising \$30,000 with which to erect a city hall building. Carl Albrecht of Marshfield is backing the movement.

BILLINGS, MONT.—Bids will be received until December 28th for the purchase of \$15,000 bonds in one issue and of \$22,000 bonds in another for the construction of bridges across the Yellowstone River at Pompey's Pillar and for the construction of a bridge across Duck Creek.

DEER LODGE, MONT.—A complete canvass of the recent election shows that the proposition of issuing bonds in the sum of \$100,000 for the erection of a court house has carried. Link & Haire of Billings, Mont., are the architects.

TACOMA, WASH.—The Pacific Iron and Steel Company will issue \$50,000 bonds, to raise funds for adding eight furnaces to its present plant, erecting a new building and adding new machinery.

VANCOUVER, WASH.—Bids opened by the Board of County Commissioners, Clarke County, for the purchase of \$400,000 interstate bridge building bonds.

RED LODGE, MONT.—Bids will be received until December 30th for the purchase of \$30,000 poor farm bonds. Funds will be used in improvements at that place. P. A. Hauswald is the County Clerk.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Bridges' painting. Cost not stated. Engineer, none. Owners, City and County of San Francisco. The Board of Public Works has requested the Board of Supervisors to make an appropriation for repainting the city bridges at 6th street, MI, Vernon avenue, Arlington street and Richmond avenue. The work will be done under the direction of the Superintendent of Building Repairs.

FRESNO, FRESNO CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids are now being taken for a reinforced concrete bridge to be constructed over Dry Creek on Van Ness avenue. Plans and specifications can be secured from the City Engineer's office at Fresno. Bids will be opened on December 21st.

BAKERSFIELD, KERN CO., CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, State Highway Commission associated with County Surveyor, Bakersfield. Owners, Kern County. The State Highway Commission has been authorized by the Supervisors to construct a bridge over Beardsley Canal. The county will pay for the work. With the materials on the ground the State Highway Commission can build the bridge cheaper than any other contractor. The County Surveyor also has plans prepared for a 90-foot reinforced concrete bridge to be constructed over Poso Creek at Famosa. Bids on this bridge will soon be called for.

RICHMOND, CONTRA COSTA CO., CAL.—Subway repairs. Concrete. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. City Engineer Chapman announces that plans and specifications for the improvement of the subway have been completed and now are being looked over by City Attorney Hall.

OAKLAND, AL.—Fender system along quay wall. Engineer, City Engineer Oakland. Owner, City of Oakland. The following bids were opened by the Oakland City Council for constructing a modern fender system along the quay wall on the Oakland water front.

Masow & Morrison	\$6,157
San Francisco Bridge Co.	6,153
Henly Thibault Const. Co.	6,200
Merly Elwell Co.	5,525
Hyde-Harjes Co.	5,870

BAKERSFIELD, KERN CO., CAL.—Bridges, culverts and head walls, concrete and timber. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Plans are complete for the construction of several timber bridges, concrete culverts and a reinforced concrete head wall in Division No. 5 of Section No. 1, Kern County. Plans and specifications can be secured from the County Surveyor at Bakersfield. Bids will be opened on January 9th.

Contracts Awarded.

CHICO, BUTTE CO., CAL.—Bridge, frame construction, \$1,449. Engineer, County Surveyor, Chico. Owners, Butte County. Contractors, Chico Construction Co. Chico. Contract price, \$1,449.

CHURCHES.

HOLY CROSS CEMETERY, SAN MATEO CO., CAL.—Mausoleum, 1 story, reinforced concrete and marble, \$5,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building has been designed in the classic style. Interior is arranged for eight receptacles and will be finished in marble and tile. A cement and tile floor will be used. Considerable ornamental iron and bronze is specified. Exterior of the building will be faced with marble. Plans are complete and figures are being taken.

Contracts Awarded.

SISSON, SISKIYOU CO., CAL.—Church repairs, 1 story, frame, \$5,000. Architect, none. Owners, Methodist Church of Sisson. Contractor, L. A. Sheldon, Sisson. Contract price, \$5,000.

COURT HOUSES.

Contracts Awarded.

MARTINEZ, CONTRA COSTA CO., CAL.—Court house addition to court room. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. Contractors, Fink & Schindler, S. F. Contract price not stated.

DEER LODGE, POWELL CO., MONT.—Court house, 2 story and base. Class A construction, \$100,000. Architects, Link & Haire, Billings, Mont. Owners, Powell County. Only preliminary plans have been prepared and details cannot be given at this time. The building will be fireproof throughout and will contain offices for all county officials, court room and county jail. Exterior will probably be faced with cut stone. Working drawings will be completed as soon as bonds can be sold. Further mention will be made of the work.

FACTORIES AND WAREHOUSES.

LOS ANGELES, CAL.—Cold storage plant, 1 story and base, reinforced concrete, \$250,000. Architect's name not

given. Owners, L. L. C. Steel and Provision Co., 19 1/2 First street, L. A. The building will be erected on 33rd street, covering an area of 100 x 140 feet. Construction will be completed only preliminary. Kettling has been prepared and completed. Bids will not be available for some time. Further mention will be made of this work.

SAN FRANCISCO—2 story and base, 1 story, steel and truss, iron, \$300. Engineer, none. Owner, Schrader Iron Works, 111, Harrison street, S. F. The building will be erected at the southwest corner of 5th and Harrison streets and will be in the nature of an addition to the company's plant. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FIREHOUSES AND JAILS.

SAN FRANCISCO—Detention home, 2 story and base, Class A construction, \$50,000. Architect, Louis C. Mulholland, Chronicle Bldg., S. F. Owners, City and County of San Francisco. Plans for the first unit of the new Detention Home, which is to be erected on West Mission street between Brady and 15th streets, are nearly complete. The building will be of fireproof construction and will contain the general office, wards, dining rooms and kitchen. Interior will be finished in pine and hardwood. There will be a central heating system, oil burning plant and modern plumbing. Exterior of the building will be faced with pressed brick. Bids will be called for shortly by the Board of Public Works.

FLATS.

FRESNO, FRESNO CO., CAL.—Flats, 2 story and base, frame, \$7,500. Architects, Bowen & Davis, Fresno. Owner, Robert Cutten. The building will be erected on Tulare street and has been designed to contain four modern flats of five rooms each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Flats, 3, 2 story and base, frame, \$4,000 each. Architect, none. Owner, F. D. Tiller, 1921 Oak street, S. F. These houses will be erected on the west side of 7th avenue south of California, each having a frontage of approximately 25 feet. There will be two modern flats of six rooms in each building. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be open fire places in each living room. Bath rooms will be finished in tile. Entrances will have tile and marble wainscot. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—2 story and base, frame, \$10,000. Architect, Charles A. Rousseau, 14 Kearny street, S. F. Owners, R. J. and B. Rude-

beck. The building will be erected at the northwest corner of Douglass and 19th streets and has been designed for a store and a three-room flat on the first floor. Upper floors will contain two six-room flats. Interiors will be finished in pine and redwood with some hardwood floors. There will be an open fire place in each living room. Bath rooms will have tile wainscot. Exterior of the building will be covered with shiplap. Plans are being prepared.

HOTEL

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,500. Architect, Italo Zanolino, 604 Montgomery street, S. F. Owner, L. M. Calosso. The building will be erected on the north side of Broadway east of Larkin and has been designed to contain three modern flats of five and six rooms with a private garage in the basement. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

GOVERNMENT WORK & SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

La Junta, Colo., Construction, Jan. 4.
George A. Shaul, Seneca, Kans.
George W. Stiles Construction Co., the Rookery Building, Chicago, Ill.
Dieter & Wenzel Construction Co., Wichita, Kans.
Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.
J. H. Wiese, City National Bank Building, Omaha, Neb.
Frank H. Latimer & Son, 612 Massachusetts Building, Kansas City, Mo.
J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Panama Canal Awards.

Awards have been made during the past week by the general purchasing officer of the Panama Canal for furnishing supplies and materials for the Panama Canal, as follows:

Under circular 878, cable, bolts, tubes, brushes, rope, lumber, etc., bids opened November 20.

Henry R. Worthington, 115 Broadway, New York City, class 7, brass packing nuts, \$66.

Maendler Bros., St. Paul, Minn., class 11, flat varnish brushes, \$188.40.

No award has yet been made on class 13.

Army Work Authorized.

The quartermaster general has directed that specifications be drawn for the following work at army posts: Fort Winfield Scott, Cal., storehouse for militia.

Fort Sam Houston, Tex., stable and barrack for pack team, and lavatory. Presidio of San Francisco, Cal., two howling alleys in the gymnasium building.

The work in each instance will be done by the post authorities. Inquiries regarding same should be addressed accordingly.

Indian Office, Frame Hospitals.

The contract for the construction of six frame hospitals at various places, bids for which were opened November 3, has been awarded to W. D. Lovell, Minneapolis, Minn., at \$86,000 for all six buildings.

Reclamation Service, Pump Impellers.

Abstract of bids for specifications 356-F, centrifugal pump impellers, Minidoka reclamation project, Idaho, opened at Los Angeles.

Item 1, 6 165-sec. ft.

Item 2, 2 100-sec. ft.

Seattle Construction and Dry Dock Co., Seattle, Wash., delivery Seattle, item 1, \$1,086; 2, \$407.

Llewellyn Iron Works, Los Angeles, Cal., delivery Los Angeles, item 1, \$1,100; 2, \$550.

Rosedale Foundry and Machine Co., Pittsburgh, Pa., delivery Pittsburgh, item 1, \$1,245; 2, \$470.

Keystone Iron Works, Los Angeles, Cal., delivery Los Angeles, item 1, \$1,300; 2, \$499.

Fulton Engine Works, Los Angeles, Cal., delivery Los Angeles, item 1, \$1,452; 2, \$554.

Joshua Hendy Iron Works, San Francisco, Cal., delivery Sunnyvale, Cal., item 1, \$1,578; 2, \$620.

Silver Brothers Iron Works, Salt Lake City, Utah, delivery Salt Lake City, item 1, \$1,670; 2, \$619; cast steel, item 1, \$2,189 2, \$718.

Pittsburgh Valve Foundry and Construction Co., Pittsburgh, Pa., delivery Pittsburgh, item 1, \$1,690; 2, \$880.

Pelton Water Wheel Co., San Francisco, Cal., delivery San Francisco, item 1, \$1,800; 2, \$1,285.

D'Olier Centrifugal Pump and Machine Co., Philadelphia, Pa., delivery Philadelphia, item 1, \$1,830; 2, \$690.

United Iron Works, Oakland, Cal., delivery Oakland, item 1, \$1,895; 2, \$687.

R. M. Eddy Foundry Co., Chicago, Ill., delivery Chicago, item 1, \$1,924; 2, \$675; government to furnish patterns for item 2.

Union Iron Works, San Francisco, Cal., delivery San Francisco, item 1, \$1,937; 2, \$965.

Union Machine Co., San Francisco, Cal., delivery San Francisco, item 1, \$1,996; 2, \$908.

Byron Jackson Iron Works, San Francisco, Cal., delivery West Berkeley, item 1, \$2,100; 2, \$985.

S. Morgan Smith Co., York, Pa., delivery York, item 1, \$2,140; 2, \$720.

Scoop Wheel.

Abstract of proposals for material for scoop wheel for Minidoka reclamation project, Idaho, opened at Los Angeles, Cal., advertisement No. 362.

Advance Machine Co., Los Angeles, Cal., item 1, \$725; Los Angeles; 35 days; item 2, \$20; Los Angeles; 35 days.

Baker Iron Works, Los Angeles, Cal., item 1, \$768; Los Angeles; 4 weeks; item 2, \$15; Los Angeles; 4 weeks.

Fulton Engine Works, Los Angeles, Cal., item 1, \$830; Los Angeles; 30 days; item 2, \$32; Los Angeles; 30 days.

Llewellyn Iron Works, Los Angeles, Cal., item 1, \$835; Los Angeles; 21 days; item 2, \$45; Los Angeles; 21 days.

Joshua Hendy Iron Works, San Francisco, Cal., item 1, \$875; Sunnyvale, Cal.; 35 days; item 2, \$20; Sunnyvale, Cal.

United Iron Works, Oakland, Cal., item 1, \$890; Oakland, Cal.; 40 days; item 2, \$25; Oakland, Cal.; 10 days.

Union Machine Co., San Francisco, Cal., item 1, \$998; San Francisco; 30 days; item 2, \$28; San Francisco; 30 days.

Light-house Service Buoy.

The following bids were received by the light-house inspector, 18th district, San Francisco, Cal., for two Mammoth whistling buoys:

Moore & Scott Iron Works, \$3,300.

Main Street Iron Works, \$3,960.

Pacific Coast Boiler Works, \$1,850; accepted.

Ocean Shore Iron Works, \$2,850.

Seattle Construction and Dry Dock Co., \$3,006.

Griscom-Russell Co., \$2,900.

Ejector Valves and Indicators.

Abstract of proposals for ejector valves and indicators, balanced valves, for Shoshone reclamation project, Wyoming, opened at Los Angeles, Cal.:

Keystone Iron Works, Los Angeles, Cal., item 1, \$128; Los Angeles, 16 days; item 2, \$129; Los Angeles, 16 days.

Joshua Hendy Iron Works, San Francisco, Cal., 132 Sunnyvale; 30 days; item 2, \$153; Sunnyvale; 30 days.

Union Machine Co., San Francisco, Cal., item 1, \$127.50; San Francisco; 14 days; item 2, \$181; San Francisco; 14 days.

James Jones Co., Los Angeles, Cal., item 1, \$204; Los Angeles; 45 days; item 2, \$350; Los Angeles; 60 days.

Pelton Water Wheel Co., San Francisco, Cal., item 1, \$390; San Francisco; 35 days; item 2, \$450; San Francisco; 35 days.

Umpqua River Light-station, Wash., Fixtures.

The following bids were received by the light-house inspector, 17th district, Portland, Ore., for furnishing fixtures, fittings, and pipe for Umpqua River Light-station, Wash.:

Crane Co., Portland, Ore., \$556.38; accepted.

M. L. Kline, Portland, Ore., \$336.03.

The Gould Co., Portland, Ore., \$601.98.

FORT KAMEHAMEHA, T. H.—Post buildings, 48, 1 story, frame. Cost not stated. Engineer, Constructing Quartermaster, Fort Kamehameha, T. H. Owners, United States Government. Bids will be opened by the War Department at Washington on December 31st for constructing the new army post to be erected at Fort Kamehameha near Honolulu. There are 48 buildings included in the work, all of which will be of frame construction and of the one-story type. Plans and specifications are on file with the Constructing Quartermaster at Fort Mason and can be obtained on deposit of \$25. The following buildings are included in the work: Sixteen sets of company officers' quarters with detached servants' quarters. Two sets field officers' quarters with detached servants' quarters. Eight sets of non-commissioned officers' quarters. Four sets of barracks. Wrecking one store house and other work, including quartermaster's store houses, etc.

MARE ISLAND, CAL.—Marine barracks, 1 and 2 story, reinforced concrete and brick, \$200,000. Architect, Bureau of Yards and Docks, Washington, D. C. Owners, United States Gov-

ernment. It now seems certain that a part, probably one half, of the \$200,000 now available for constructing new marine barracks at Mare Island and the Norfolk Navy Yards, will be used at once for this work at Mare Island. The present quarters for the marines are but temporary affairs and new buildings are needed very badly. Fort McArthur on San Pablo Bay will be fortified and a permanent garrison stationed there, according to the latest reports from the War Department. A Board composed of Col. Stephen M. Foote, Col. George McK. Williamson, of the Constructing Quartermaster Department at Fort Mason, Major L. R. Burgess and Major Robert R. Itaymond has been appointed to arrange preliminary plans for the construction of barracks and mounting guns.

Contracts Awarded.

SAN FRANCISCO — Rostrum, concrete, \$5,832. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractor, R. Ehrhart, S. F. Contract price, \$5,832.

FORT MILEY, MARIN CO., CAL.—Water main, \$315. Engineer, Constructing Quartermaster, Fort Miley. Owners, United States Government. Contractor, F. Szoke, S. F. Contract price, \$315.

HOSPITALS.

SAN FRANCISCO — Hospital ward and garage, 2 story and base. Class A construction, \$70,000. Architects, Righetti & Headman, Phelan Bldg., for the City Department of Architecture. Owners, City and County of San Francisco. Plans for the pathological ward and garage building to be erected adjoining the new San Francisco Hospital, have been completed and approved. Bids are now being taken by the Board of Public Works for the general construction. The building will have a complete steel frame, brick exterior walls, concrete floor and fireproof roof. Interior will be finished in pine and metal. Steam heat will be supplied from the general plant at the hospital. Exterior of the building will be faced with pressed brick. Bids will be opened on December 23rd. Plans and specifications can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

SAN FRANCISCO—Hospital vacuum cleaning. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete for the installation of a complete vacuum cleaning system in the main group of buildings at the San Francisco Hospital. Bids are now being taken and will be opened by the Board of Public Works on December 23rd. An official proposal appears in another column of this issue.

SAN FRANCISCO—Hospital fire escapes. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, Owners, City and County of San Francisco. Plans are complete and figures are being taken for installing fire escapes on the main group of buildings at the San Francisco Hospital. Bids will be opened on December 23rd by the Board of Public Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Hospital refriger-

ating plant. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for furnishing and installing a complete refrigerating plant at the Isolation Hospital. Bids will be opened by the Board of Public Works on December 23rd. Plans and specifications can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel, \$50,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building will be erected on the west side of Taylor street north of Sutter, having a frontage of 38 feet 9 inches by 125 1/4 feet. There will be in the neighborhood of 75 rooms, all of which will have private baths. The main floor will be occupied by the lobby and offices. Interior will be finished in pine and redwood with some hardwood floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile with composition floors. Some ornamental plaster will be used in the lobby. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO — Hotel addition and alterations, 2 story and base frame residences to be converted into a hotel, \$15,000. Architects, Smith & Stewart, 241 Kearny street, S. F. Owner, K. D. Winship. Contractors, Brandt & Stevens, S. F. Contract price, \$15,000.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Exhibition booth, frame construction, \$15,000. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owners, Union Oil Co. The display will be erected in the Palace of Varied Industries at the Panama-Pacific International Exposition, and will embrace one of the most comprehensive displays of the oil industry and its varied products. Bids will be taken for the work shortly.

RAILROAD CONSTRUCTION AND EQUIPMENT.

DINUBA, TULARE CO., CAL.—Railroad construction and supplies. Cost not stated. Engineer, none. Owners, Mineral King Orchard Co. The Mineral King Orchard Company will purchase equipment consisting of railway and transfer cars to be used in handling the fruit crops for the year 1915. The tracks for several miles will be laid and will be of heavy steel and ties. These will be the first steel tracks laid in this county.

Contracts Awarded.

SAN FRANCISCO—Car barn light fixtures, \$825. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Coefield Mfg. Co. Contract price, \$825.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, Thomas Hamill, 264 15th avenue, S. F. The dwelling will be erected on the north side of Anza street west of 12th avenue, and has been designed for a 4 1/2 room house with bath. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Mantel will be of tile or brick. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architects, Patch & Knoll, Hearst Bldg., S. F. Owner, Mr. Griffin. The dwelling will be erected in Forest Hill and has been designed for an eight room house with two baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. Some white enamel will be used in the bed rooms. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. A hot water system will also be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, M. W. Kane. The dwelling will be erected in the Richmond District and has been designed for an eight-room house with bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places, furnace heat and brick mantel. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO — Bungalow, 1 1/2 story and base, frame, \$2,000. Architect, none. Owner, Ward C. Brown, 2815 Harrison street, S. F. The dwelling will be erected on the west side of Lishon street south of Exeelsior and has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, J. C. Kirby, 1122 A Market street, S. F. The dwelling will be erected on the west side of 12th avenue north of Anza, and has been designed to contain six rooms and bath. Pine redwood and elm will be used for interior finish. Hardwood floors will be used in the living room, dining room and reception hall. There

will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 30, 2 story and base, frame, \$5,000 to \$5,000 each. Architect, none. Owner, Thomas Seoble, 363 14th avenue, S. F. These dwellings will be erected on the property bounded by 29th and 32nd avenues, Anza and Balboa streets. Each house will contain from seven to eight rooms. Interiors will be finished in pine, redwood, elm and hardwood. Hardwood floors will be used in the principal rooms. Furnace heat will be installed in the more expensive dwellings. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and floors. Automatic water heaters will be used. Exteriors will be covered with cement plaster on metal lath. Plans for the first six homes have been completed and work will shortly be started under the Day Labor system.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, brick and frame, \$15,000. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner's name withheld. The dwelling has been designed for a ten-room house with three baths and sleeping porch. A garage will also be erected on the property. Interior finish will be of pine, redwood, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and hot water system. Bath rooms will be finished in tile. There will be open fire places and tile or brick mantels. Exterior of the house will be covered with brick veneer and cement plaster. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. H. Gastman. The dwelling will be erected on Euclid avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,800. Architects, F. R. Peake Co., 2127 University avenue, Berkeley. Owner, O. E. Essig. The dwelling has been designed for a seven-room house and will be erected in Cragmont. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room, and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are com-

plete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$10,000. Architects, Schirmer, Bugbee & Co., Dalziel Bldg., Oakland. Owner, D. F. W. Shores. The dwelling will be erected in Crocker Highlands, and has been designed for an eight-room house with two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, probably hot water heat, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Haywards. The dwelling will be erected in Thousand Oaks, and has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine, redwood and hardwoods. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, H. C. Bauman, Chronicle Bldg., S. F. Owner, E. A. Janssen, Hearst Bldg. The dwelling will be erected in Lincoln Manor and has been designed for a seven-room house with bath. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room and dining room. There will be an open fire place in the living room. Mantel will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$3,000 each. Architect, none. Owner, Alfred Johnson, 2423 Clement street, S. F. These dwellings will be erected on the west side of 29th avenue south of Geary street, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, M. Johnson, Addison opposite Bryon, Berkeley. The dwelling will be erected on Addison street and has been designed for a seven-room house with bath. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be

open fire places and tile or brick mantels. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, John G. Wallen, 2897 Piedmont avenue, Berkeley. The dwelling will be erected on Walla Vista near Arimo, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame and plaster, \$23,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owner, David W. Serman. The dwelling will be erected on Sierra avenue in East Sacramento and has been designed for a ten-room house with three baths and sleeping porch. Interior finish will be of pine, redwood, hardwoods and white enamel. Hardwood floors will be used in the living room, dining room, library and reception hall. There will be a central heating system and open fire places. Bath rooms will be finished in tile and equipped with showers. A hot water supply and vacuum cleaning system will also be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SACRAMENTO, CAL.—Residence, 1½ story and base, frame. Cost not stated. Architect, none. Owner, Carl Koch, 3350 Carnell avenue, Sacramento. The dwelling will be erected on Hawley avenue and has been designed for a five-room house. Interior finish will be largely of pine. There will be hardwood floors in the principal rooms. A large open fire place and tile or brick mantels will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame and plaster, \$15,000. Architects, Bowen & Davis, Fresno. Owner, I. Teilmann. The dwelling will be erected on Kearney Boulevard, and has been designed for an eleven-room house with four baths and sleeping porch. Interior finish will be of pine and hardwood with some white enamel in the bed rooms. There will be hardwood floors in the living room, dining room, library and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. A hot water system will also be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 1½ story and base, frame, \$5,000.

000. Architects, Bowen & Davis, Fresno. Owner, Lou Smith. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$15,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Eugene F. Kline. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$15,000.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—Schools; 5, 1 and 2 story and base, brick and steel, \$35,000 to \$75,000. Architects as follow. Owners, City of Berkeley. At a joint meeting of the Berkeley City Council, the Board of Education and the Advisory Committee held Monday evening, five architects were selected to prepare plans for the new school buildings to be erected in Berkeley. Hobart & Cheney, Crocker Bldg., S. F., will design one building; Walter Reed, Oakland Bank of Savings, one; W. H. Ratcliff, First National Bank Bldg., Berkeley, one; Coxhead & Coxhead, Hearst Bldg., S. F., one, and J. W. Plachek, Acheson Bldg., Berkeley, one. The new buildings will range in cost from \$35,000 to \$75,000.

FRESNO, FRESNO CO., CAL.—Normal school, 1 and 2 story and base, brick and steel, \$370,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans for the \$370,000 State Normal School to be constructed at Fresno have been completed and approved by the State Engineering Advisory Board at Sacramento. Bids will be called for shortly, and it is hoped that a contract can be let early in January.

CALEXICO, IMPERIAL CO., CAL.—Schools, 2, 1 and 2 story and base, hollow tile. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, City of Calexico. Plans for two new buildings have been completed and figures will be taken beginning December 22nd. The two-story building will cover an area of 178 by 61 feet and the one-story structure 148 by 35 feet. Interiors will be finished in pine with maple floors in the class rooms. Plans provide for modern school plumbing, ventilating system and program clocks. Exteriors will be faced with cement plaster. Plans can be secured from the architects after the date above mentioned. Bids will be opened on January 5th.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Oil storage tank, concrete and steel. Cost not stated. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for constructing an oil storage

tank in connection with the Municipal Power House in the Civic Center. Bids will be opened by the Board of Public Works on December 23rd. Plans and specifications can be secured from the City Engineer's office. An official proposal appears in another column of this issue.

REDWOOD CITY, SAN MATEO CO., CAL.—Paving, fencing and bulkhead. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids opened by the Supervisors for the paving of Oak Grove avenue at Menlo Park show the following bids and the bidders:

City St. Improvement Co.	\$7,129.87
Federal Construction Co.	9,331.27
Clark & Henry	8,102.41
Petersen & Grier	7,395.10
Raisch Imp. Co.	9,792.06

Surveyor's estimate, \$6,326.58. Bids laid over until next meeting. Bids for construction of a bulkhead on the San Francisco creek in the 3rd Road District show:

Harry B. Morey	\$3,324.15
D. C. Howard	3,118.15
P. H. McEvoy	3,578.50

Contract awarded to D. C. Howard.

Construction of the John Meyn road shows James Willison the only bidder, his bid being \$2,162.64, and he was awarded the contract.

Construction of Kelly avenue, Half-moon Bay road:

James Willison	\$4,384.78
Wrightson, Anderson & Yost	4,945.05

Matter of award laid over until next meeting.

Bids for right-of-way fence on Belmont road show A. D. McClellan the only bidder at \$1,877.77, and he was awarded the contract.

REDWOOD CITY, SAN MATEO CO., CAL.—Fencing. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids for the 28,000 feet of wire fencing, required to enclose the new road right-of-way through the Week's property have been ordered by the Board of Supervisors.

FRESNO, FRESNO CO., CAL.—Fire hydrants. Cost not stated. Engineer, City Engineer, Fresno. Owners, Fresno County. Plans have been completed and figures are being taken for furnishing twenty-five fire hydrants. Full particulars can be secured from the City Clerk. Bids will be opened on December 21st.

SAN FRANCISCO—Tunnel electric work and fixtures, \$885. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing electric work in the Stockton Street Tunnel, including the lighting fixtures, show the McFell Electric Co. low at \$885. They will be awarded the contract. A complete list of these bids will be found under the heading of San Francisco in this issue.

SAN RAFAEL, MARIN CO., CAL.—Steam pipes and street work. Cost not stated. Engineer, City Engineer, San Rafael. Owners, Town of San Rafael. The Clerk of the City Council has been directed to advertise for bids for furnishing and laying steam pipes from the Southern Pacific gas plant to the San Rafael baths. The Council is now considering the proposition to bluntenize the road from Third street and Petaluma avenue to and around the San Rafael baths.

MODESTO, STANISLAUS CO., CAL.—Irrigation work. District Engineer, Modesto. District Engineer, Modesto. Owners, Modesto Irrigation District. At a meeting of the directors of the Modesto Irrigation District final steps toward the construction of the proposed Curtis Drain Ditch were taken. These involving one condemnation proceedings for a right of way and the advertising of bids on the work. The ditch, according to plans already prepared by the District Engineer, will drain the low land in the northwestern section of the district and is estimated to cost from \$10,000 to \$12,000. Secretary Abbott was instructed to advertise also for bids for the extension of the Sproul drain ditch to connect with the main drainage canal, this work costing about \$2,500. Plans for the work together with specifications and full information may be had from the Secretary of the district at Modesto. Bids will be opened on December 29th.

REDDLEY, FRESNO CO., CAL.—Water works plant and equipment. Cost not stated. Engineer, City Engineer, Reddley. Owners, City of Reddley. Bids submitted to the Trustees for the construction of a building and the installation of an auxiliary plant for the city water works have been rejected. The matter of doing the work under the Day Labor system is now under consideration.

AUBURN, PLACER CO., CAL.—Municipal lighting system. Cost not stated. Engineer, City Engineer, Auburn. Owners, City of Auburn. Preliminary plans for a municipal system to be constructed and operated by the City of Auburn are now under consideration by the City Trustees. The matter will come up for discussion at the January meeting of the Board. It is proposed to call a bond election to vote the necessary bonds to cover cost of construction. Further mention will be made of this work when a decision has been rendered.

STOCKTON, SAN JOAQUIN CO., CAL.—Municipal sewer system. Cost not stated. Engineer, G. E. Grunsky, San Francisco, associated with the City Engineer, Stockton. Owners, City of Stockton. Engineer G. E. Grunsky reports that the plans for Stockton's new sewer system are now well under way and will be ready for approval in about two weeks. A bond issue will be voted in the near future to raise funds for the construction of the system.

LODI, SAN JOAQUIN CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Lodi. Owners, City of Lodi. Rights of way for water and sewer mains across two blocks in the Barnhart Tract to serve the residents between Central avenue and Tokay street in the southern part of the city have all been secured. Plans for this work will be prepared by the City Engineer and on completion of the plans bids will be called for.

RED BLUFF, TEHAMA CO., CAL.—Irrigation project. \$2,500. Engineer, State Engineer W. E. McCarver, Sacramento. Owners, Sacramento Valley Irrigation Project. The project for the construction of a dam to raise water across the Sacramento River above Red Bluff for the use of the water from the upper Sacramento River for irrigation rather than navigation, has for its main feature the construction of a gigantic irrigation

project for the Sacramento Valley, which will distribute water to approximately \$88,000 acres. The cost will be about \$23,000,000, according to State Engineer W. F. McClure, a member of the special board of engineers appointed by Secretary of the Interior Lane to investigate irrigation in the Sacramento Valley. The members of the board of engineers who made a report on the great irrigation project are: Wm. L. Marshall, Consulting Engineer to Secretary of the Interior Lane; D. C. Henny, Acting Chief Engineer of the United States Reclamation Service; Wm. F. McClure, State Engineer, and H. T. Cory, Engineer of the Iron Canyon Project.

STOCKTON, SAN JOAQUIN CO., CAL.—Water main extensions, \$6,000. Engineer, City Engineer Barzellotti, Stockton. Owners, City of Stockton. At the regular meeting of the Board of Trustees Superintendent Henning submitted estimates of the cost of installing cast iron water mains into the Cordier Tract and the Western Addition, recommending that the same be constructed in time for water service in the spring. The estimates are as follows: Pleasant avenue to Hutchins street, 930 feet of six-inch pipe, \$1,125 west of Hutchins, 600 feet of six-inch pipe and 610 feet of four-inch pipe at \$1,670. Total, \$2,795. No action was taken, but it was the sense of the board that a meeting will be called within a short time, when this and other proposed extensions will be threshed out. Engineer Barzellotti submitted an estimate of \$1,355.80 for a ten-inch storm water sewer for West Elm street.

CHICO, BUTTE CO., CAL.—Electroliners. Cost not stated. Engineer, none. Owners, City of Chico. The next meeting of the Development Board will be given over to the discussion of electroliners for a lighting system for Chico, according to City Trustee John S. Waterland, who has been investigating the proposition. The committee wants electroliners installed along Main, Broadway and Fifth streets.

Contracts Awarded.

SAN FRANCISCO—Underground distribution system, \$23,964. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Witman-Lyman Co. Contract price, \$23,964.

SAN FRANCISCO—Power house equipment, \$11,950. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Davis-Rogers Co., S. F. Contract price, \$11,950.

SANTA ANA, ORANGE CO., CAL.—Road work, \$16,133.57. Engineer, County Surveyor, Santa Ana. Owners, Orange County. Contractors, Keene & Norton, Santa Ana. Contract price, \$16,133.57.

RICHMOND, CONTRA COSTA CO., CAL.—Grading for tracks and tanks. Cost not stated. Engineer's name not given. Owners, Shell Oil Co. Contracts for the grading and excavating work for the tanks and spur tracks at the Shell oil refinery in Richmond have been awarded to O'Brien Bros. & Smith of San Francisco, covering the excavating for the four 55,000 barrel oil tanks which will be built on top of the hills. Thomas R. Hanna of Martinez the grading of the line of spur tracks through the works,

MARTINEZ, CONTRA COSTA CO., CAL.—Pumps for pipe line. Cost not stated. Engineer's name not given. Owners, Valley Pipe Line Co. Contractors, Columbia Steel Works, Pittsburg. Contract price not given. Note: This contract includes the pumps and auxiliary equipment for eleven stations along the route of the Valley Pipe Line Co. from Coalinga to Martinez.

BURLINGAME, SAN MATEO CO., CAL.—Street paving, concrete and asphalt. Cost not stated. Engineer, Town Engineer, Burlingame. Owners, Town of Burlingame. Contractors, Federal Construction Co., Palo Alto. Contract calls for paving in Villa Park and the price is 14 cents per square foot.

SEALED PROPOSALS.

PROPOSALS WANTED FOR ADDITIONAL FURNITURE AND EQUIPMENT FOR USE OF SAN FRANCISCO HOSPITAL.

Proposals for furnishing and delivering, for use of the San Francisco Hospital, the following, to wit: X-Ray Apparatus and Accessories. Metal Lockers.

Hand Trucks. Kitchen and Butcher Shop Equipment. Bed Linen. Glass Stopped Prescription Shelf Ware. Tables and other Furniture and Equipment. The proposals will be opened in open session of the Board of Supervisors on December 28, 1914, at 3 p. m. Proposal blanks furnished on application. J. S. CUNNIGAN, Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 23rd day of December, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

General construction of the Pathological and Gerage Building, San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$15,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 881—Proposals for Mooring Buoy, Fibre, Liners, Hinges, Stay-Roll Iron, Air-Breaks, Hose, Plate Glass, Chamois Skins, Blank Books and Paper.—Sealed proposals will be received at the office of the general purchasing officer, Panama Canal, Washington, D. C., until 10:30 a. m. December 21, 1914, at which time they will be opened in public. The above mentioned articles, Blanks and general information relating to this circular (No. 881)

may be obtained from this office or the office of the assistant purchasing agent, 1082 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CRANES, ETC.

PANAMA CIRCULAR 882—Office of the General Purchasing Officer, Panama Canal, Washington, D. C.—Sealed proposals will be received here until 10:30 a. m. December 23, 1914, for furnishing Cranes, Car Joints, Brackets and Crude Carbolic Acid. For further information refer to circular 882 and address F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CEMENT.

CEMENT—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, 408 Commercial Building, Denver, Colo., until 10 o'clock a. m. December 18, 1914, for furnishing 15,000 barrels of Portland cement, 1. o. b. cars at the work of the bidder. For particulars address the U. S. Reclamation Service, Washington, D. C., or the Colorado Cement Building, Denver, Colo. A. E. DAVIS, chief engineer.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 23rd day of December, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a Vacuum Cleaning System in the Main Group Building, San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$2,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 23rd day of December, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a Fuel Oil Storage Tank in Civic Center Plant, northeast corner of Larkin and McAlister streets.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within thirty (30) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$500.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 23rd day of December, 1914, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of Fire Escape Standpipes in the Main Group Buildings, San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within sixty (60) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$400.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, Alameda County, California.—Sealed bids will be received by the Clerk of the Board of Supervisors, Alameda County, at his office, until Monday, December 28, 1914, at 10 o'clock A. M. (The day when said bids will be opened and the contract awarded) for the installation of a contract roller on the self cases in the office of the Recorder of Alameda County. Specifications for said work are on file in the office of the County Clerk, subject to inspection of bidders.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to John P. Cook, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages between the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

(Seal) JOHN P. COOK, Clerk of the Board of Supervisors.

PROPOSALS FOR EXCAVATION.

RECLAMATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until 2 o'clock p. m. December 22, 1914, for earthwork on Greenfields distribution system, Greenfields, South and Mill Coulees canals, involving about 285,000 cubic yards of excavation. The work is situated on the north side of Sun River, about 25 miles northwest of Great Falls, Mont., about 10 miles north of Fort Shaw, Mont., on the Sun River branch of the Great Northern Railway, and about 6 miles south of the towns of Bole, Sloan and Cordova, Mont., on the Choteau branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C.

ton, D. C. Great Falls, Mont., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR BUILDING.

BUILDING—Fort Huachuca, Ariz.—Sealed proposals, in triplicate, will be received here until 4 p. m., December 24, 1914, and then opened, for furnishing all materials and labor and constructing, complete, five double captains' quarters, one eight set bachelor officers' quarters, five barracks, two lavatories, seven stables, one hay shed and remodeling buildings 19, 21, 58 and 60. For information address the constructing quartermaster.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at St. Ignatus, Mont., until 2 o'clock p. m., December 22, 1914, for the construction of structures on Pablo laterals, involving about 9,500 cubic yards of excavation, 1,050 cubic yards of concrete, 1,000 square yards of paving, the placing of about 73,500 pounds of reinforcing steel and the manufacturing and laying of about 100,000 feet of concrete pipe. The work is situated on the east side of the Flathead River, from 6 to 12 miles southwest of Polson, Mont. For particulars address the United States Reclamation Service, Washington, D. C. Great Falls, Mont., or St. Ignatus, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR HIGHWAY BRIDGE.

STEEL HIGHWAY BRIDGE—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the Moencopi Wash, near Tuba, Ariz.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. of December 22, 1914, for furnishing materials and labor for the erection of one 70-foot steel highway bridge across the Moencopi Wash, Western Navajo Indian Reservation, Ariz., in strict accordance with the specifications and instructions to bidders, which may be examined at the office of the paper or periodical in which this advertisement appears, the U. S. Indian warehouses at Chicago, Ill.; St. Louis, Mo.; Omaha, Neb.; and San Francisco, Cal.; the Builders' Exchanges at Portland, Ore., and Spokane, Wash., and the Western Navajo School. For further information apply to the superintendent of the Western Navajo Indian School, Tuba, Ariz. CATO SELLS, commissioner.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., January 2, 1915, and then and there publicly opened, for three temporary one-story ward pavilions at the naval hospital reservation, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commanding officer, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

PROPOSAL FOR GAS RECORDER.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 16th day of December, 1914, for doing the following work, to wit:

The sheet metal covering of dome and lantern of the City Hall.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in

the office of the Board of Public Works, to which reference is hereby made, and must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

The amount of bond for faithful performance of contract has been fixed at \$750.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

ELECTRICITY FROM SKY HARNESS-ED BY BOY.

SACRAMENTO—Roy Thompson, at Elk Grove, has perfected his plant on top of the Travelers Hotel here to harness electricity from the sky. The first experiment two weeks ago resulted in burning out all the fuses in the hotel, Thompson being unable to control the flow of electricity.

He announced recently, however, that he has been lighting the big sign on the hotel for several nights and that on two occasions he has lighted the entire hotel.

The electricity is captured from the sky by a plant not unlike a wireless tower. Thompson is not yet 20 years old, but has perfected several remarkable wireless experiments.

PERPETUAL MOTION.

A discovery which seems to be the equivalent of perpetual motion was described by Professor Whitehead at a meeting of the American Institute of Electrical Engineers. He declared that by subjecting a closed coil of lead wire to practically absolute zero temperature, and starting a flow of electricity therein by some external means, Professor Kamerlingh Onnes of Leyden, Germany, succeeded in maintaining a continuous current without the expenditure of energy. To obtain the extremely low temperature necessary to make the experiment a success the coil was immersed in liquid helium. The current was started in the wire by magnetic induction, the flow of electricity persisting. It is declared, for four and one-half hours after the magnetic influence was removed. It was stated that if the experiment had not been terminated when it was the current would probably have continued to flow indefinitely.—Electrical World.

GRAPHITE IMPORTS FROM MEXICO.

In a report from Ceylon published September 16 a quotation was given from the Ceylon Times in which it was stated that exports of graphite from Mexico to the United States were practically nil. While it appears there are certain months of the year when the United States imports considerable quantities of graphite from Mexico, it is stated that country have been increased in recent years, as was shown by statistics published in *Engineering and Trade Reports* for October 24.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

TUNNEL ELECTRIC WORK AND FIXTURES—\$885. San Francisco. Engineer, City Engineer. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for furnishing and installing electric work in the Stockton Street Tunnel, including the lighting fixtures, show the McFell Electric Co., low at \$885. They will be awarded the contract. A complete list of these bids will be found under the heading of San Francisco in this issue.

EXHIBITION BOOTH—Frame construction, \$15,000. San Francisco. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owners, Union Oil Co. The display will be erected in the Palace of Varied Industries at the Panama-Pacific International Exposition and will embrace one of the most comprehensive displays of the oil industry and its varied products. Bids will be taken for the work shortly.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building will be erected on the north side of California street west of Leavenworth, covering an area of 25 by 70 feet, and has been designed to contain a total of six suites besides a private garage. Suites will consist of two and three rooms. All apartments will have wall beds and private baths. Interior finish will be of pine, redwood and elm. Some hardwood floors will be used. Plans provide for steam heat, automatic elevator and a hot water supply. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work is now being done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, Koenig & Christensen, 750 Parnassus avenue, S. F. Owner, O. Petersen. The building will be erected on the north side of Judah street east of 8th avenue, and will cover a ground area of 27 by 66½ feet. There will be six suites of two, three and four rooms. All apartments will have private baths and wall beds. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and halls. There will be steam heat and a hot water system. Bath rooms will be finished in tile and composition. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects.

APARTMENT HOUSE—1 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Own-

er's name withheld. The building will be erected in the Fifty Vara District, and has been designed in the Pueblo style. The structure covers a large ground area and will contain a total of eighty rooms arranged in two, three and four room suites. Interiors will be finished in pine and hardwood with hardwood floors in the living and dining rooms. There will be steam heat, a hot water system, electric cooking apparatus and vacuum cleaning system. All suites will have wall beds and private baths. Bath rooms will be finished in tile with composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base. Class C construction, \$25,000. San Francisco. Architect, W. W. Breife, Clunie Bldg., S. F. Owner, Frederick Steffin. The building will be erected on the east side of Hyde street 112 south of Ellis, and has been designed to contain a number of two and three room suites with private baths and wall beds. Interiors will be finished in pine and elm. Hardwood floors will be used. There will be steam heat and a hot water system. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the southwest corner of California and Stockton streets and will cover a considerable ground area. Interior will be finished in pine, redwood and southern gum. There will be a number of suites arranged in two and three rooms. Private baths and wall beds will be used. Bath rooms will be finished in tile with composition floors. Plans provide for steam heat and a hot water supply. Entrance will be finished in marble and tile. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and segregated figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Thomas Hamill, 268 25th avenue, S. F. The dwelling will be erected on the north side of Anza street west of 12th avenue, and has been designed for a six-room house with bath. Interior finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room. Mantel will be of tile or brick. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Griffin. The dwelling will be erected in Forest Hill, and has been designed for an eight-room house with two baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. Some white enamel will be used in the bed rooms. There will be hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. A hot water system will also be installed. Bath rooms will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, M. W. Kane. The dwelling will be erected in the Richmond District, and has been designed for an eight-room house with bath. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places, furnace heat and brick mantel. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Ward C. Brown, 2945 Harrison street, S. F. The dwelling will be erected on the west side of Lisbon street south of Excelsior, and has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, J. C. Kirby, 2152-A Market street, S. F. The dwelling will be erected on the west side of 12th avenue north of Anza, and has been designed to contain seven rooms and bath. Pine, redwood and elm will be used for interior finish. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

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RESIDENCES—20, 2 story and base, frame, \$3,000 to \$5,000 each. Architect, none. Owner, Thomas Stoble, 363 11th avenue, S. F. These dwellings will be erected on the property bounded by 29th and 32nd avenues, Anza and Balboa streets. Each house will contain from seven to eight rooms. Interiors will be finished in pine, redwood, elm and hardwood. Hardwood floors will be used in the principal rooms. Furnace heat will be installed in the more expensive dwellings. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot and floors. Automatic water heaters will be used. Exteriors will be covered with cement plaster on metal lath. Plans for the first six homes have been completed and work will shortly be started under the Day Labor system.

POST BUILDINGS—48, 1 story, frame. Cost not stated. Fort Kamehameha, T. H. Engineer, Constructing Quartermaster, Fort Kamehameha, T. H. Owners, United States Government. Bids will be opened by the War Department at Washington on December 31st for constructing the new army post to be erected at Fort Kamehameha near Honolulu. There are 48 buildings included in the work, all of which will be of frame construction and of the one-story type. Plans and specifications are on file with the Constructing Quartermaster at Fort Mason and can be obtained on deposit of \$25. The following buildings are included in the work: Sixteen sets of Company Officers' quarters with detached servants' quarters. Two sets Field Officers' quarters with detached servants' quarters. Eight sets of Non-Commissioned Officers' quarters. Four sets of barracks. Wrecking one store house and other work, including quartermaster store houses, etc.

BRIDGES PAINTING—Cost not stated. San Francisco. Engineer, none. Owners, City and County of San Francisco. The Board of Public Works has requested the Board of Supervisors to make an appropriation for repainting the city bridges at 6th street, Mt. Vernon avenue, Arlington street and Richmond avenue. The work will be done under the direction of the Superintendent of Building repairs.

DETENTION HOME—3 story and base. Class A construction, \$50,000. San Francisco. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owners, City and County of San Francisco. Plans for the first unit of the new Detention Home, which is to be erected on West Mission street between Brady and 13th streets, are nearly complete. The building will be of fireproof construction and will contain the general office, wards, dining rooms and kitchen. Interior will be finished in pine and hardwood. There will be a central heating system, oil burning plant and modern plumbing. Exterior of the building will be faced with pressed brick. Bids will be called for shortly by the Board of Public Works.

FLATS—2, 2 story and base, frame, \$1,300 each. San Francisco. Architect, none. Owner, P. D. Tyler, 1921 Oak street, S. F. These houses will be erected on the west side of 7th avenue south of California, each having a frontage of approximately 25 feet. There will be two modern flats of six rooms in each building. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be an open fire place in each living room. Bath rooms will be finished in tile. Entrances will have tile and marble wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FLATS AND STORE—3 story and base, frame, \$8,500. San Francisco. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, R. J. and B. Rudebeck. The building will be erected at the northwest corner of Douglass and 19th streets, and has been designed for a store and a three-room flat on the first floor. Upper floors will contain two six-room flats. Interiors will be finished in pine and redwood with some hardwood floors. There will be an open fire place in each living room. Bath rooms will have tile wainscot. Exterior of the building will be covered with shiplap. Plans are being prepared.

HOTEL—4 story and base, brick and steel, \$50,000. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Columbia Realty Co. The building will be erected on the west side of Taylor street north of Sutter, having a frontage of 38 feet 9 inches by 125½ feet. There will be in the neighborhood of 75 rooms, all of which will have private baths. The main floor will be occupied by the lobby and offices. Interior will be finished in pine and redwood with some hardwood floors. There will be steam heat, elevator service and a hot water supply. Bath rooms will be finished in tile with composition floors. Some ornamental plaster will be used in the lobby. Exterior will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL WARD AND GARAGE—2 story and base. Class A construction, \$70,000. San Francisco. Architects, Richetti & Headman, Phelan Bldg., for the City Department of Architecture. Owners, City and County of San Francisco. Plans for the pathological ward and garage building to be erected adjoining the new San Francisco Hospital have been completed and approved. Bids are now being taken by the Board of Public Works for the general construction. The building will have a complete steel frame, brick exterior walls, concrete floor and fireproof roof. Interior will be finished in pine and metal. Steam heat will be supplied from the

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general plant of the hospital. Exterior of the building will be faced with pressed brick. Bids will be opened on December 23rd. Plans and specifications can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

HOSPITAL VACUUM CLEANING—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete for the installation of a complete vacuum cleaning system in the main group of buildings at the San Francisco Hospital. Bids are now being taken and will be opened by the Board of Public Works on December 23rd. An official proposal appears in another column of this issue.

HOSPITAL FIRE ESCAPES—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans are complete and figures are being taken for installing fire escapes on the main group of buildings at the San Francisco Hospital. Bids will be opened on December 23rd by the Board of Public Works. An official proposal appears in another column of this issue.

HOSPITAL REFRIGERATING PLANT—Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for furnishing and installing a complete refrigerating plant in the location floor

pital. Bids will be opened by the Board of Public Works on December 23rd. Plans and specifications can be secured from the City Department of Architecture. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco, Architect, H. C. Bauman, Chronicle Bldg., S. F. Owner, E. A. Janssen, Hearst Bldg. The dwelling will be erected in Lincoln Manor, and has been designed for a seven-room house with bath. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room and dining room. There will be an open fire place in the living room. Mantel will be of tile or brick. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES—3, 2 story and base, frame, \$2,000 each. San Francisco, Architect, none. Owner, Alfred Johnson, 2423 Clement street, S. F. These dwellings will be erected on the west side of 20th avenue south of Geary street, and each has been designed to contain seven rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

STORAGE SHED AND CRANEWAY—1 story, steel and corrugated iron, \$3,000. San Francisco, Engineer, none. Owners, Schrader Iron Works, 1247 Harrison street, S. F. The building will be erected at the southwest corner of 8th and Harrison streets and will be in the nature of an addition to the company's plant. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FLATS—3 story and base, frame, \$6,500. San Francisco, Architect, Italo Zanolin, 604 Montgomery street, S. F. Owner, L. M. Calosso. The building will be erected on the north side of Broadway east of Larkin and has been designed to contain three modern flats of five and six rooms with a private garage in the basement. Interiors will be finished in pine and redwood. Some hardwood floors will be used. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

OIL STORAGE TANK—Concrete and steel. Cost not stated. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures are now being taken for constructing an oil storage tank in connection with the new Municipal Power House in the Civic center. Bids will be opened by the Board of Public Works on December 23rd. Plans and specifications can be secured from the City Engineer's office. An official proposal appears in another column of this issue.

Contracts Awarded.

UNDERGROUND DISTRIBUTION SYSTEM—\$23,964. San Francisco, En-

gineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Wittman-Lyman Co. Contract price, \$23,964.

POWER HOUSE EQUIPMENT—\$11,350. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Davis-Rogers Co., S. F. Contract price, \$11,350.

HOSTRIUM—Concrete, \$5,832. San Francisco, Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractor, R. Ehrhart, S. F. Contract price, \$5,832.

WATER MAIN—\$315. Fort Miley, Marin Co., Cal. Engineer, Constructing Quartermaster, Fort Miley. Owners, United States Government. Contractor, F. Szoke, S. F. Contract price, \$315.

CAR BARN LIGHT FIXTURES—\$825. San Francisco, Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Contractors, Coefield Mfg. Co. Contract price, \$825.

HOTEL ADDITION AND ALTERATIONS—2 story and base frame residences to be converted into a hotel, \$15,000. San Francisco, Architects, Smith & Stewart, 244 Kearny street, S. F. Owner, K. D. Winship, Contractors, Brandt & Stevens, S. F. Contract price, \$15,000.

City Bids Opened.

Board of Works Receives Figures For Electric Work and Lighting Fixtures For Two City Jobs.

Bids were opened at the Wednesday afternoon meeting of the Board of Public Works for installing electric lighting system in the Stockton Street Tunnel, including fixtures for the same and also for lighting fixtures in the Geary Street Car Barn extension. Coefield Mfg. Co. were low for the car barn work and the McFell Electric Co. low for the work in the Stockton Street Tunnel. Following is a complete list of the bids as opened:

Stockton Street Tunnel (Wiring and Lighting).

H. S. Tittle.....	\$1,052
Decker Elec. Constr. Co.....	1,964
F. E. Newberry Elec. Co.....	1,768
Pacific Fire Extinguisher Co., 1,340	
McFell Elec. Co.....	885
Butte Eng. & Elec. Co.....	1,018
Geary Street Car Barn Extension (Lighting Fixtures.)	
Leo, J. Meyerberg.....	\$ 875.00
Decker Elec. Constr. Co., 1,034.00	
Thos. Day.....	982.55
Iskelheimer Bros. Co.....	1,265.00
Coefield Mfg. Co.....	\$25.00

Plans Here For New Army Post.

Forty-eight New Buildings to be Erected at Fort Kamehameha Near Honolulu. Bids Open December 31.

A new army post to be known as Fort Kamehameha is to be constructed in Hawaii some distance out of Honolulu, and when completed will be one

of the most modern of the army posts in the island. A total of forty-eight new buildings are required, plans for which have been completed and are now out for figures. Bids will be opened in Washington, D. C., on December 31st. Plans and specifications for this work are on file with the Constructing Quartermaster at Fort Mason and may be secured by a deposit of \$25.

All buildings in the new post will be of the one-story type and of frame construction with rubble stone foundations and chimneys and tile roofs. Modern plumbing and electric work, finish hardware, lighting fixtures and waterproofing are included in the general contract. The principal buildings, which will form the new post, are sixteen sets of Company Officers' quarters each with detached servants' quarters, two sets of Field Officers' quarters also with detached servants' quarters; eight sets of Non-Commissioned Officers' quarters; four sets of barracks, store houses and Quartermaster's supply depot.

Building Contracts Awarded.

San Francisco

No.	Owner	Contractor	Am't.
4064	Pacific G & E. U. S. Metal	2065	
4065	Morino	Fraser	5400
4066	Guatemala	Hansen	24500
4067	Angus	Peterson	6665
4068	Old South Inn	Henderson	1755
4069	Fretwell	Stockholm	
4070	Berg	Spitz	1175
4071	Candiato	Bailey	1350
4072	McCurry	Phillips	500
4073	Harney	Barney	400
4074	Fishel	Fishel	450
4075	Brown	Brown	1500
4076	Kneass	Kneass	1500
4077	Perry Garage	Owner	400
4078	Eng-Skell	Owner	450
4079	Bergers	Novelty	400
4080	Hotel Clark	Novelty	500
4081	Callaway	Enes	500
4082	Schrader	Schrader	3000
4083	Celle	Amoroso	4815
4084	Block	Bury	4750
4085	New York	Ringrose	6120
4086	Reinbart	Hanson	7000
4087	Pescaro	Montani	1730
4088	Doe	Boyer	450
4089	De Luca	Peri	1000
4090	Zucker	Kenyon	500
4091	Somers	Smith	300
4092	Castle	Castle	400
4093	Kirby	Kirby	3000
4094	Am Oriental	Goerick	5700
4095	Hynes	Gibbs	375
4096	Rothchild	Tarrants	1792
4097	Comb. Am.	Steele	1320
4098	Phelan	Pac Ext	1319
4099	Third Church	Clark	2739
4100	New York City	Ringrose	27630
4101	P P I B.....	McSheehy	4693
4102	Mensor	Empire Pl	2400
4103	Same	Atlas Heating	810
4104	Same	Gibbs	1450
4105	Johnson	Johnson	2700
4106	Same	Same	2700
4107	Lyon	Jansen	500
4108	Feerick	Feerick	400
4109	Kahn	Kahn	400
4110	Johansen	Johansen	1600
4111	Hamill	Hamill	2750
4112	Weir	Henderson	600
4113	Deberry	McCormick	2300
4114	Western Ref	Dyer	150000
4115	Same	Same	8000
4116	Druhe	Chisholm	15249
4117	Gerard	Gerard	14000

STEEL SASH

(4064) NW DELAWARE & HUMBOLDT W 166-3 NW to center Humboldt W to E Maryland N 279 m or 1 E 200 S 246 P N 489. Steel sash for 36 openings in the generator bldg. Owner.....Pacific Gas & Electric Co. 445 Sutter, San Francisco, Architect.....None.

Contractor.....United States Metal Products Co., 525 Market, S. F. Filed Dec. 7, '14. Dated Nov. 30, '14. On completion 75%

Owner.....G. B. Cella and P. Sanguinetti, 1712 Stockton, San Francisco.

Architect...None.

Contractor...F. C. Amoroso, 1846 Kearny, San Francisco.

Filed Dec. 9, '14. Dated Dec. 8, '14.
Frame up and roof on.....\$1203
Tough plumbing in and window frames set 1204
Completed and accepted..... 1204
Usual 35 days..... 1204

TOTAL COST, \$4815

Bond, \$2407.50. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(4084) E DEVISADERO 152-8 1/4 N Clay N 25x E 110. All work except concrete, heating, gas and electric fixtures, shades, art glass, finish hardware and heaters for alterations and additions for two-story and basement frame building into flats.

Owner.....Juliette [Block, 2214 Devisadero, San Francisco.

Supt.Jos. Cahen, 45 Kearny, S. F. Contractor...Steur & Bury, 1407 O'Farrell, San Francisco.

Filed Dec. 9, '14. Dated Dec. 5, '14.
Frame up\$1000.00
Brown coated 1187.50
Standing finish on..... 687.50
Completed and accepted..... 687.50
Usual 35 days..... 1187.50

TOTAL COST, \$4750.00

Bond, \$2375. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ADDITIONAL WORK N. Y. BLDG.

(4085) EXPOSITION SITE. Additional work to complete New York State Building.

Owner.....Panama-Pacific Exposition Commission State of New York.

Architect...Chas. B. Meyers, No. 1 Union Square West, N. Y. Contractor...Rhody Ringrose & Son, 320 Market, San Francisco.

Filed Dec. 9, '14. Dated Sept. 18, '14.
Progressive payments of 85% monthly; total amount so paid not to exceed 40% of contract price
On completion, balance to make 98% of contract Balance
30 days after.....

TOTAL COST, \$6129

Bond, \$3100. Surety, The Aetna Accident and Liability Co. Limit, 76 days after notification. Forfeit, \$30. Plans and specifications filed.

APARTMENTS

(4086) S PAGE 150 W Shrader. All work for three-story frame apartments.

Owner.....Chas. E. Reinhart, 17th and Kansas, San Francisco.

Architect...Chas. E. Frye, 20 Montgomery, San Francisco.

Contractor...F. A. Hanson, 155 Delano Ave., San Francisco.

Filed Dec. 9, '14. Dated Dec. 9, '14.
Progressive payments every 30 days of 75%
Usual 35 days..... 25%

TOTAL COST, \$7000

Bond, none. Limit, 90 days from Dec. 9, 1914. Forfeit, none. Plans and specifications filed.

FRAME STORE BUILDING

(4087) LOT 38 BLK 3, Crocker Amazon

Tract. All work except painting, plumbing, shades and chandeliers for one-story frame store building.

Owner.....Eugene Pescara, 420 Mission, San Francisco.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...S. Montani & G. Stefanini, 1753 Greenwich, S. F.

Filed Dec. 9, '14. Dated Dec. 7, '14.
Rough frame up\$300
Brown coated 400
Completed and accepted 400
Usual 35 days..... 630

TOTAL COST, \$1730

Bond, \$1730. Sureties, F. Boicelli and G. Giusti. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

FRAME STORE

(4088) NW SCOTT AND LOMBARD. One-story frame store.

Owner.....John Doe, Premises.

Architect...None.

Contractor...W. Boyer, 50 Oliver, S. F. COST, \$450

ALTERATIONS

(4089) NO. 418 GREEN. Alter dwlg. Owner.....Felice De Luca, Premises.

Architect...Louis Mastrospasqua, 580 Washington, S. F.

Contractor...G. Sanguinetti & A. Perli, 29 Genoa Place, S. F. COST, \$1000

FRAME CIGAR STORE

(4090) E VAN NESS 40 S Bay. One-story frame cigar store.

Owner.....F. Zucker, 115 Julian Ave., San Francisco.

Architect...None.

Contractor...Kenyon-Pacific Co., Market and Franklin, S. F. COST, \$500

STEEL FRAME PASSAGE WAY

(4091) NO. 440 GEARY. Erect steel frame passage way for hotel building.

Owner.....Somers Estate Co., 240 California, San Francisco.

Architect...None.

Contractor...C. O. Smith, 240 California, San Francisco. COST, \$500

FRAME DWELLING

(4092) E NAPLES 125 S Brazil. One-story and basement frame dwelling.

Owner.....A. W. Castle, 407 Naples, San Francisco.

Architect...None.

Day's work. COST, \$400

FRAME DWELLING

(4093) W TWELFTH AVE 125 N Anza. Two-story and basement frame dwelling.

Owner.....J. C. Kirby, 2152-A Market San Francisco.

Architect...None.

Day's work. COST, \$2000

FRAME BUILDING

(4094) EXPOSITION SITE. All work except plumbing, painting, electric work for one-story and mezzanine floor frame building.

Owner.....American Oriental Concessions Company.

Architect...Alfred I. Coffey, Humboldt Bank Bldg., S. F.

Contractor...W. A. Goericke, Postal Telegraph Bldg., S. F.

Filed Dec. 10, '14. Dated Dec. 1, '14.
Rough frame up.....\$1500
Completed 2775

Usual 35 days..... 1425

TOTAL COST, \$5700

Bond, \$2850. Surety, Equitable Surety Co. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

FRAME FLATS

(4095) W LANGTON 125 S Howard 25 x75. All work except painting and linowall for two-story frame flats.

Owner.....M. J. Hynes.

Architect...Plans by Owner.

Contractor...George D. Gilmour, 2376 Howard, San Francisco.

Filed Dec. 10, '14. Dated Dec. 5, '14.

Frame up\$ 975
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000

TOTAL COST, \$3975

Bond, limit, forfeit, none. Plans and specifications, none.

ALTERATIONS

(4096) NO. 559 SIXTH AVE. Alterations and additions to one-story and basement frame dwelling.

Owner.....Alma Rothschild, Premises

Architect...H. C. Baumann, Chronicle Bldg., San Francisco.

Contractor...Robert Tarrants, 559 6th Ave., San Francisco.

Filed Dec. 10, '14. Dated Dec. 10, '14.
On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$1792

Bond, \$896. Surety, Nettie M. Tarrants Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

PLASTER BUILDING

(4097) EXPOSITION SITE. Plaster unplastered portion of the exterior of Dayton Flood Building.

Owner.....Combined Amusements Co.

Architect...A. J. Bain, Phelan Bldg., San Francisco.

Contractor...J. E. Steere, 180 Jessie, San Francisco.

Filed Dec. 10, '14. Dated Nov. 24, '14.
Every two weeks..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1320

Bond, limit, forfeit, plans and specifications, none.

STEAM BOILER, ETC.

(4098) SE MARKET, bet. Sixth and Seventh. Steam boiler, hot water heater and smoke stack for hotel building.

Owner.....James D. Phelan.

Engineer...Thos. Morrin, Phelan Bldg San Francisco.

Contractor...The Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco.

Filed Dec. 10, '14. Dated Dec. 8, '14.

On delivery of material..... 25%

Work connected 25%

When completed 25%

Usual 35 days..... 25%

TOTAL COST, \$1319

Bond, \$660. Sureties, Winfield S. and Burt L. Davis. Limit, 45 days. Forfeit, none. Plans and specifications filed.

CHURCH

(4099) N HAIGHT 187-6 E Central Ave. Make and deliver Matt glazed architectural terra cotta but not set in place for church building.

Owner.....Third Church of Christ Scientist.

Architect...Edgar A. Mathews, Phelan Bldg., San Francisco.

Contractor...N. Clark & Sons, 116 Na-

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tonia, San Francisco.
Filed Dec. 10, '14. Dated Nov. 30, '14.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2339
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

NEW YORK CITY BUILDING

(4100) EXPOSITION SITE. All work for construction of New York City Building.
Owner.....City of New York.
Architect...Bertram G. Goodhue.
Contractor...R. Ringrose & Son, 320 Market, San Francisco.
Filed Dec. 11, '14. Dated Nov. 25, '14.
Payments of 90% as work progresses and at completion to retain such sum as to amount to 25% of total to be paid 35 days after completion.....
TOTAL COST, \$21,630
Bond, \$15,000. Surety, United States Fidelity & Guaranty Co. Limit, Feb. 1, 1915. Forfeit, none. Plans and specifications filed.

WOOD AND GLASS CEILINGS

(4101) EXPOSITION SITE. Wood & glass ceilings over offices in Education, Food Products, Agricultural, Liberal Arts, Transportation, Manufacturers, Mines and Varied Industries Buildings.
Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
Architect...None.
Contractor...McSheehy Bros., 47 Lang-ton, San Francisco.
Filed Dec. 11, '14. Dated Dec. 1, '14.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4693
Bond, \$2500. Surety, Pacific Coast Casualty Co. Limit, Jan. 6, 1915. Forfeit, \$10. Plans and specifications filed.

FRAME APARTMENTS

(4102) SW CALIFORNIA & LAGUNA W 27-6X5 107-6 W A 235. Mill work for three-story and basement frame apartments.
Owner.....Wm. Menser, 2211 California, San Francisco.
Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.
Contractor...Empire Planing Mill, 750 Bryant, San Francisco.
Filed Dec. 11, '14. Dated Dec. 2, '14.
Mill work for exterior delivered, \$ 400
Mill work for standing finish de-livered..... 400
Completed and accepted..... 1000
Usual 35 days..... 600
TOTAL COST, \$2400
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4103) STEAM HEATING AND HOT water storage tank and water heater on above.

Contractor...Atlas Heating & Ventilating Co., 4th and Freelon, San Francisco.
Filed Dec. 11, '14. Dated Dec. 4, '14.
Rough work done.....\$203
Completed and accepted..... 404
Usual 35 days..... 203
TOTAL COST, \$810
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4104) PLUMBING AND GAS FITTING on above.

Contractor...David Gibbs, 664 4th Ave., San Francisco.
Filed Dec. 11, '14. Dated Dec. 1, '14.
Roughed in.....\$34
Completed and accepted..... 344
Usual 35 days..... 34
TOTAL COST, \$1400
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME DWELLING

(4105) W TWENTIETH AVE 250 S Geary. Two-story and basement frame dwelling.
Owner.....Alfred Johnson, 2190 Clement, San Francisco.
Architect...None.
Day's work..... COST, \$2700

FRAME DWELLING

(4106) W TWENTIETH AVE 275 S Geary. Two-story and basement frame dwelling.
Owner.....Alfred Johnson, 2423 Clement, San Francisco.
Architect...None.
Day's work..... COST, \$2700

ALTERATIONS

(4107) S TEXAS ———. Alter dwlg.
Owner.....Lyon & Hong, 660 Market, San Francisco.
Architect...H. C. Bauman, 605 Chronicle Bldg., San Francisco.
Contractor...E. A. Janssen, 329 Hearst Bldg., San Francisco.
COST, \$500

ADDITION

(4108) NO. 51 CHIENERY. Add two rooms.
Owner.....Joseph Feerick, Premises.
Architect...None.
Day's work..... COST, \$400

ALTERATIONS

(4109) NO. 2805 FOLSOM. Alter club rooms.
Owner.....Mr. Kahn, Sutter and Fillmore, San Francisco.
Architect...None.
Day's work..... COST, \$100

FRAME DWELLING

(4110) W MARSTON 325 N Edna. One story and basement frame dwlg.
Owner.....Mr. — Johansen, 136 Marston Ave., San Francisco.
Architect...None.
Day's work..... COST, \$1600

FRAME DWELLING

(4111) N ANZA 45 W 12th Ave. Two-story and basement frame dwelling.
Owner.....Thos. Hamill, 268 25th Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2750

EXHIBIT BOOTH

(4112) EXPOSITION SITE. Wood work, electric work, hurlup, painting, etc., for booth in Bk 25, Palace of Manufactures.
Owner.....Weir Stove Co. of Taunton, Massachusetts.
Architect...None.
Contractor...W. D. Henderson, Monadnock Bldg., San Francisco.
Filed Dec. 12, '14. Dated Dec. 9, '14.
1/2 completed..... 500
Completed, balance..... 500
TOTAL COST, \$1000
Bond, none. Limit, 30 days. Forfeit none. Plans and specifications filed.

Contractor...J. J. [illegible]
Filed Dec. 11, '14. Dated Nov. 18, '14.
On arrival of steel..... \$10 per ton
Fabricated steel delivered \$6 per ton
Steel frame erected..... 600
Usual 35 days..... 1475
TOTAL, \$1875. 1475 per ton total not to exceed \$50,000.
Bond, \$75,000. Surety, Hartford Accident & Indemnity Co. Limit, 700 days.
Forfeit, \$50. Plans and specifications filed.

REFINERY BUILDING

(4113) NE TWENTY-THIRD AND Lombard. All column bases and structural steel work for refinery building.
Owner.....Western Sugar Refining Co., 60 California, S. F.
Architect...None.
Contractor...Lyon Works, 710 and Kearny, San Francisco.

Filed Dec. 12, '14. Dated Nov. 18, '14.
On arrival of steel..... \$10 per ton
Fabricated steel delivered \$6 per ton
Steel frame erected..... 600
Usual 35 days..... 1475
TOTAL, \$1875. 1475 per ton total not to exceed \$50,000.
Bond, \$75,000. Surety, Hartford Accident & Indemnity Co. Limit, 700 days.
Forfeit, \$50. Plans and specifications filed.

SHOP BUILDING

(4115) SE HUMBOLDT & LOUISIANA. All column bases and structural steel work for shop building.
Owner.....Western Sugar Refining Co., 60 California, S. F.
Architect...None.
Contractor...Lyon Works, 710 and Kearny, San Francisco.

Filed Dec. 12, '14. Dated Nov. 18, '14.
On arrival of steel..... \$10 per ton
Fabricated steel delivered \$6 per ton
Steel frame erected..... 600
Usual 35 days..... 1475
TOTAL COST, \$1875. 1475 per ton total not to exceed \$50,000.
Bond, \$75,000. Surety, Hartford Accident & Indemnity Co. Limit, 700 days.
Forfeit, \$50. Plans and specifications filed.

CLASS & STORES

(4116) SE MARKET & STEWART S. All work in addition to Class & Stores.
Owner.....[illegible]
Architect...M. O. [illegible]
Contractor...[illegible]
Filed Dec. 12, '14. Dated Nov. 18, '14.
On arrival of steel..... \$10 per ton
Fabricated steel delivered \$6 per ton
Steel frame erected..... 600
Usual 35 days..... 1475
TOTAL, \$1875. 1475 per ton total not to exceed \$50,000.
Bond, \$75,000. Surety, Hartford Accident & Indemnity Co. Limit, 700 days.
Forfeit, \$50. Plans and specifications filed.

Filed Dec. 12, '14. Dated Nov. 18, '14.
On arrival of steel..... \$10 per ton
Fabricated steel delivered \$6 per ton
Steel frame erected..... 600
Usual 35 days..... 1475
TOTAL, \$1875. 1475 per ton total not to exceed \$50,000.
Bond, \$75,000. Surety, Hartford Accident & Indemnity Co. Limit, 700 days.
Forfeit, \$50. Plans and specifications filed.

TOTAL COST, \$15,249.00
Bond, \$7625. Surety, The Aetna Accident & Liability Co. Limit, March 15, 1915. Forfeit, \$25. Plans and specifications filed.

FRAME APARTMENTS

(4117) N CALIFORNIA 25 W Leavenworth. Three-story and basement frame (6) apartments.

Owner.....Gerard Investment Co., 437

Monadnock Bldg., S. F.

Architect...Rousseau & Rousseau, 437

Monadnock Bldg., S. F.

Day's work.....COST, \$14,000

NOTE:—Job is started.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT
Dec. 1, 1914—LOTS 29 AND 30 BLK 11 Forest Hill. F C Van Schick to M Holm & Son.....Nov. 30, 1914
Dec. 1, 1914—W HYDE 87-6 N Pine N 25x117-10. Herman D Hogrefe to H D Hogrefe.....Dec. 1, 1914
Dec. 1, 1914—S NORTH POINT 150 E Divisadero E 600xS 343.75. Panama-Pacific International Exposition Co to Commary Peterson Co, Inc.....Nov. 27, 1914
Dec. 1, 1914—S KIRKHAM 32-6 E 11th Ave E 25xS 100. Annie Ahkmann to Oscar Swanson.....Nov. 30, 1914
Dec. 1, 1914—S TWENTY-SIXTH 80 W Diamond W 30xS 114. C G Empey Arding fmlly C G Empey to whom it may concern.....Completed
Dec. 1, 1914—E TWENTY-FIFTH Ave 150 N Anza N 25xE 120. Elmer E Clark to J J Powers, C H Beckman, A Lettich, B Bryon, W Baldwin, Golden West Sheet Metal Wks, and Massagh & Vannucci.....Dec. 1, '14
Dec. 2, 1914—N TWENTY-NINTH 80 E Castro. H A Wittkopp to M P Kempton.....Nov. 29, 1914
Dec. 2, 1914—NE HAIGHT AND Pierce E 25xN 100. Sam or S Hermann and J B Hermann to Farnocchia Petri Co.....Nov. 19, 1914
Dec. 2, 1914—SE PIERCE AND BAY E 600xS 618.75. Panama-Pacific International Exposition Co to Scott Co.....Nov. 30, 1914
Dec. 2, 1914—N UNION 190 W Webster W 25xN 137-6. Florence Davis to M M Finlayson.....Nov. 30, 1914
Dec. 2, 1914—SE STOCKTON AND Union Square Ave. Town & Country Club to W A Goerick.....Nov. 18, '14
Dec. 2, 1914—E COMMONWEALTH Ave 133-4 S California S 33-4xE 120-42. Louis Gross to Wm F Yates.....Nov. 24, 1914
Dec. 3, 1914—EXPOSITION SITE. R Bernstrom, Commissioner General of Sweden to Panama-Pacific International Exposition (leaseholder) to Lange & Bergstrom.....Nov. 25, 1915
Dec. 3, 1914—W BATTERY 70 from SW Cor. Broadway and Battery S 67-6 W 117-6 N 67-6 E 20 N 70 E 20 S 70 E 137-6. George H and Lizzie S Mastick to Otto Kruz.....Dec. 2, 1914
Dec. 3, 1914—COMG. AT POINT 137-6 E from SE Hyde and Greenwich E 34-4½xS 137-6. Eulah M Coates to M Holm & Son.....Dec. 1, 1914
Dec. 4, 1914—SE HYDE & GREENWICH E 100xS 68-9. Greenwich Realty Co to R de Luca.....Dec. 1, 1914
Dec. 4, 1914—W SANCHEZ 75 S 30th; No. 1716 Sanchez. Joseph O'Conner

to Ward C Brown.....Dec. 2, 1914
Dec. 1, 1914—E TWENTY-SIXTH AV 205-8 S West Clay S 26xE 120. A K or Arthur E and Berthe L Voilmer to Larry Walters.....Dec. 2, 1914
Dec. 4, 1914—S GEARY 50-0¼ W Johnston Ave W 25xS 100. Wm A Vorrath to whom it may concern.....Dec. 3, 1914
Dec. 4, 1914—S PACIFIC AVE 32-6 E Walnut E 110xS 127-¾. Mrs Katharine P Hooker to Anderson & Rainey.....Nov. 25, 1914
Dec. 4, 1914—SE PIERCE & BAY E 600xS 618.75. Panama-Pacific International Exposition Co to The Turner Co.....Nov. 30, 1914
Dec. 5, 1914—W FOURTH AVE 25 S Irving 25x95. Hannah Clancy to D J Clancy.....Dec. 5, 1914
Dec. 5, 1914—NE EDDY AND JONES N 137-6xE 137-6. W E Dean to Golden Gate Iron Works.....Dec. 4, 1914
Dec. 5, 1914—E TWENTY-FIFTH Ave 200 N Anza N 25xE 120. Jacob H Thorup to whom it may concern.....Dec. 1, 1914
Dec. 5, 1914—EXPOSITION SITE. Panama-Pacific Exposition Commission State of Wisconsin (lessee) to whom it may concern.....Dec. 4, 1914
Dec. 5, 1914—S GROVE 228-3 W Laguna W 103xS 120. Wm J Gallagher to J Dewarte.....Dec. 5, 1914
Dec. 5, 1914—N TWENTY-NINTH 30 W Castro W 25xN 78. Arthur T Jansson to whom it may concern.....Dec. 2, 1914
Dec. 5, 1914—E TWENTY-FIRST Ave 275 S Lincoln Way (H) 25x120. C J Love to H E and T W MacArthur.....Dec. 3, 1914
Dec. 5, 1914—E JANSEN 71-6 m or l N Greenwich N 33xE 50. J J Silva to Liebert & Martinelli.....Dec. 3, 1914
Dec. 7, 1914—E CHURCH 51 N 29th 25x100. R Batti to F De Martini.....Dec. 5, 1914
Dec. 7, 1914—E VICKSBURG 95 S 23rd S 35xE 90. John T Miller to A E Olson.....Dec. 4, 1914
Dec. 7, 1914—SE UNION & POWELL E 124-¾ SE 10-11½ S 122-1½ W 137-6 N 137-6. Rose F Debendetti, Regina A, May L and Irene R Cuneo to Ravani Plumbing Co.....Dec. 3, 1914
Dec. 7, 1914—GROSH HOTEL on Sutter Street. M D Grosh, E G Larzelere and Louise M Sage to Parquet Floor Co, Dec. 2, 1914; Lithoid Products Co.....Dec. 2, 1914
Dec. 8, 1914—NW JACKSON AND Cherry W 79-9 N 93 to S line Presidio Reservation wall NE along said line 50-0½ m or l to W Cherry S 100 m or l. J Sheldon Potter to Isaac Penny.....Dec. 3, 1914
Dec. 8, 1914—N PACIFIC AVE 37-6 E Pierce N 127-8½xE 55. Mrs H M Holbrook to J Harold Johnson.....Nov. 24, 1914
Dec. 8, 1914—N ALVARADO 250 W Douglass W 25xN 114. Sybilla Baader to Edwin Roller.....Nov. 15, '14
Dec. 8, 1914—W HYDE 62-6 N Pine N 25x117-10. Herman D Hogrefe to Herman D Hogrefe.....Dec. 9, 1914
Dec. 8, 1914—NO. 2252 BROADWAY. A B Hammond to Daniel O'Neill.....Dec. 3, 1914
Dec. 9, 1914—S COMMERCIAL 60 E Montgomery S 59-6xE 49-9. Pacific Gas & Electric Co to Pacific Fire Extinguisher.....Dec. 2, 1914
Dec. 9, 1914—S FELTON 35 E Harvard E 30xS 100 Blk 102 Ulm Mid Hd Ass'n. George Koenig to Chris-

tian Hansen.....Dec. 8, 1914
Dec. 9, 1914—SW GREENWICH AND Larkin S 46-1½xW 70. Wm G Gilmore to Higginson Co, Inc.....Dec. 8, 1914
Dec. 9, 1914—SW TAYLOR & EDDY W 137-6xS 137-6. Morris, Joseph and Julia Heyman, Theresa Stone, Emilie Baruch & Henry W Hyman Est to A Lynch.....Dec. 5, 1914
Dec. 10, 1914—E POWELL 137-6 N California N 68-9xE 137-6. A W or Alexander W Wilson and Jos Martin to The Clinton Fireproofing Co of California.....Dec. 4, 1914
Dec. 10, 1914—E POWELL 137-6 N California N 68-9xE 137-6. A W or Alexander W Wilson & Jos Martin to Paraffine Paint Co.....Dec. 4, 1914
Dec. 10, 1914—E UTAH 150 S 24th S 25xE 100. Margaret E Mullin to Thomas F Mitchell.....Dec. 4, 1914
Dec. 10, 1914—E BUENA VISTA TERRACE 51.5 S Duboce Ave. C G Berg to whom it may concern.....Dec. 9, 1914
Dec. 10, 1914—W HYDE 112-6 N Pine N 25xW 117-10 2-7. Harriet H Jolliffe to whom it may concern.....Dec. 1, 1914
Dec. 10, 1914—E SIXTEENTH AVE 72 N Lake N 25xE 67-6. Robert J McGahie to A Sarraile and S Jago-marsino.....Dec. 10, 1914
Dec. 10, 1914—W Bartlett 61-1 N 25th N 25xE 117-6. William A Christen to Mager Bros.....Dec. 16, 1914
Dec. 10, 1914—N CUMBERLAND 92-6 W Guerrero 27-6x89. E P Peterson to John J Binet Co.....Dec. 10, 1914
Dec. 10, 1914—W PARKER 331-7 N Geary N 25xW 120. Antone and Katie Radivoj to A M Wallen.....Dec. 10, 1914
Dec. 11, 1914—NE POST & LEAVENWORTH 62-6 on Post by 87-6 on Leavenworth. Geo M Caesar to F L Hansen.....Nov. 1, 1914
Dec. 11, 1914—NE FOURTH AVE & Cabrillo (C) 32x95. David Condon to whom it may concern.....Dec. 11, 1914
Dec. 11, 1914—S KIRKWOOD 101 W Mendel 25x117. Albert J Milly to whom it may concern.....Nov. 28, 1914
Dec. 11, 1914—N KIRKWOOD 50 — Mendel 25x110. Eugene Sweeney to whom it may concern.....Nov. 28, 1914
Dec. 11, 1914—COMG. 100 W from NW Fillmore and Filbert H N 120 xW 37-6. Dante Dianda to P Maffei Bros.....Dec. 12, 1914
Dec. 11, 1914—NE ELLIS & POWELL — 64-2 N 15 W 64-3 S to beg. The Fahst Brewing Co. of Milwaukee to J R Wilson and J T Ludlow, Co-partners.....Dec. 5, 1914
Dec. 11, 1914—NW SUTTER AND Pierce W 75xN 120. S A White to Albach & Mayer, Dec. 11; N A Carlson, Dec. 11; Henry Kunst.....June 11, 1914
Dec. 11, 1914—BDED BY HUMBOLDT — 23rd, Georgia & Louisiana, Potrero Nuevo Blk 464. Pacific Gas & Electric Co to Reed & White.....Dec. 8, 1914

LIENS FILED

SAN FRANCISCO COUNTY.

Dec. 2, 1914—W MARKET AND EM-haradero (East) NW 133-11½ to S Commercial W 38-2½ S 59-9 E 45-8 S 59-9 E 55-11 NE 18-6. Pacific Gurney Elevator Co vs Henry Cowell Lime & Cement Co and Thos H Day's Sons.....\$450
Dec. 2, 1914—E EDINBURGH 100 N

Brazil 10, 50x E 100, Acme Lumber Co vs Louis Piolle, Catherine Mar-
que and H E Doyal \$53.71
Dec. 2, 1914—N PAGE 106-3 E Shrad-
er E 25xN 137-6. L Coppellotti vs
Phillip J Haver \$50
Dec. 3, 1914—SW GARDEN LARKIN
W 75xS 120, Geo G Hood (as
Chicago Hoist Engine Co) vs P J
Garland and Paul I Karib. \$147.25
Dec. 3, 1914—S LAKE 82-6 E 24th
Ave E 50xS 150, Hauptman Lumber
Co vs Fred J Rieckon \$126.11
Dec. 4, 1914—SW STEVENSON AND
Seventh W 75xS 75. C J Hillard
Co, Inc vs Robert Trost, Antoine
Vaysse, Alexander Vaysse and
Julien Vaysse (as Vaysse Bros) or
Vayssee Bros \$1135
Dec. 4, 1914—W MISSION 210xS 5
23rd W 125 S 25 W 15 S 25 E 140,
N to beg, Samuel Carpmill vs
Irving Bros and George U Hind..
..... \$186.30
Dec. 5, 1914—N PAGE 75 W Broderick
25 on Page; No. 1122 Page, Mar-
garet E Perry to A Petry. Dec. 5, 1914
Dec. 5, 1914—NE RAUSCH 100 SE
Howard NE 112xSE 25. Reinhart
Lumber & Planing Mill Co vs Julius
Svirbel and J W Overton. \$1022.77
Dec. 7, 1914—S TWENTIETH 200
E Michigan S 133-7½x E 79-8.
Forderer Cornice Works vs Union
Iron Works Co, Harry L and Chas
A Day (Thos H Day's Sons)..... \$1852.25
Dec. 8, 1914—S CALIFORNIA 82-6 W
25th Ave W 50xS 100. J H Kruse
vs L M Shuck, Betty Shuck and
Lincoln U Grant. \$1139.15
Dec. 8, 1914—S TWENTIETH 200 m
or l E Michigan — 80 m or l. Henry
Cowell Lime & Cement Co vs Thos
H Day's Sons and Union Iron Wks
..... \$2342.29
Dec. 8, 1914—NW LOMBARD & HYDE
N 137-6 W 97-6 S 60 E 40 S 20 E 10
S 15 E 5-10 S 42-6 E 41-8. J
Eric Johnson vs Francis J Sullivan
and Alice Phelan Sullivan. \$2040.15
Dec. 9, 1914—S TWENTIETH 200 E
Michigan S 133-7½x E 79-8. W F
Fuller & Co vs Union Iron Works
Co, Chas A Day and Harry L Day
(as Thos H Day's Sons)..... \$904.05
Dec. 9, 1914—S TWENTIETH 200 E
Michigan E 79-8xS 133-7½. Cali-
fornia Mill Co vs Union Iron Wks
and Thos H Day's Sons. \$371.77
Dec. 10, 1914—S TWENTIETH 200 m
or l E Michigan E 79-5xS 133-7½.
Rolph Mills & Co vs Union Iron
Works and Thomas H Day's Sons..
..... \$774.75
Dec. 10, 1914—S MAYNARD 25 E
Craut E 50xS 110; Lot 2 Blk 9,
College Homestead. George Ryan
vs Louis H C and Dorothy M E
Brandenburg \$2.81
Dec. 10, 1914—BLKS 461-480 of
Potrero Nuevo; said blocks on 20th
street bet Georgia and Maryland.
J G Harrey vs Union Iron Works..
..... \$752.20
Dec. 10, 1914—S TWENTIETH 200 E
Michigan Ave E 78-9 m or l by S
133-7½. F A Evers (as Acme Iron
& Wire Works) vs Harry L and
Chas A Day (as Thomas H Day's
Sons) \$240
Dec. 10, 1914—S TWENTIETH 200 E

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, brick and frame, \$15,000. Piedmont. Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner's name withheld. The dwelling

has been planned for a ten room house with three bath and sleeping porch. A garage will also be attached on the property. Interior finish will be of pine, redwood, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and hot water system. Bath rooms will be finished in tile. There will be open fire places and tile or brick mantels. Exterior of the house will be covered with brick veneer and cement plaster. Plans are being prepared.

RESIDENCE—This is a two-story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley (owner, J. H. Gastman). The dwelling will be located on Euclid avenue, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and tile mantels. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE — 2 story and base, frame, \$3,800. Herkeley, Alameda Co., Cal. Architects, F. R. Penke Co., 2157 University avenue, Berkeley. Owner, D. E. Essig. The dwelling has been designed for a seven-room house and will be erected in Cragnmont. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$10,000. Oakland, Cal. Architects, Schirmer, Bugbee & Co., Dalziel Bldg., Oakland. Owner, Dr. F. W. Shores. The dwelling will be erected in Crocker Highlands, and has been designed for an eight-room house with two baths and sleeping porch. A garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood, hardwood and white enamel. Hardwood floors floors will be used in the principal rooms. There will be a central heating system, probably hot water heat, and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile and equipped with showers. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESUENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architects, Elite Planners, 1844 th avenue, oakland. Owner, Mr. Hay wards. The dwelling will be erected in Thousand Oaks and has been de signed for a six room house with bath and sleeping porch. Interior finish will be of pine, pewood and hardwoods. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will

no financial support of his activities. Will the council also consider petition or recall bill? Thank you for being informed.

[illegible]

RESIDENCE:—A story and basement, \$5,000. Larkdale, Alameda Co. Cal. Architect, none. Owner, W. Johnson. Addition opposite Byron Park. The dwelling will be erected on Anderson street and has been designed for a seven room house with full bathroom. Finish will be largely of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open spaces and tile or brick masonry. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal studs. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE - 2 story and home, frame, \$1,000. Perkyco, Alameda Co. Cal. Architect none. Owner, John G. Wallen, 2867 Piedmont avenue, Berkeley. The dwelling will be erected on Walla Vista near Arimo, and has been designed for an eight room home with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furings heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHUBS Nos. 1 and 2-story and base, brick and steel, \$45,000 to \$75,000. Berkeley, Alameda Co., Cal. Architects as follows: Cowens, City of Berkeley. At a joint meeting of the Berkeley City Council, the Board of Education and the Advisory Committee held Monday evening, five architects were selected to prepare plans for the new school buildings to be erected in Berkeley. Hobart & Choney, (Truckee Bldg., S. F.), will design one building. Walter Reed, Oakland Bank of Savings, one, W. H. Ratliff, First National Bank Bldg., Berkeley, one. Coxhead & Coxhead, Hearst Bldg., S. F. one and J. W. Plachek, Alhambra Bldg., Berkeley, one. The new buildings will range in cost from \$4,000 to \$40,000.

Building Contracts Awarded.

Highland.

No.	Owner	Contractor	Am't.
2878	Leeds	Leeds	100
2879	Leeds	Leeds	100
2900	Leeds	Leeds	100
90	Leeds	Leeds	100
90	Leeds	Leeds	100
1	Leeds	Leeds	100
105	Leeds	Leeds	100
106	Leeds	Leeds	100
9	Leeds	Leeds	100

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San Francisco

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INC. **IRON**
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HARRISON ST.,
bet. 8th & 9th
San Francisco

Telephone Market 337

2908	Same	Same	675
2909	Same	Same	675
2910	Same	Same	675
2911	Same	Same	675
2912	Collins	Collins	2000
2913	Pochecho	Pochecho	600
2914	Kreling	Okd Concrete	770
2915	King	King	400
2920	Hinch	Hinch	2500
2921	Hinch	Hinch	2500
2922	Russell	Cal. Cptr	400
2923	Busch	Lydiksens	2500
2925	Fredricks	Banning	8165
2926	Omo	Omo	500
2927	Wallen	Wallen	4000
2928	Bolza	George	400
2930	Bolles	Johnson	400
2931	Videll	Videll	550
2932	Cullen	Peppin	3750
2933	Bemis	Lanpher	1987

DWELLING

(2888) E COURTLAND AVE 157 N
Foothill Boulevard, Oakland. One-
story 5-room dwelling.

Owner.....M. C. Bolts, 3116 Central
Ave., Alameda.

Architect...None.

Day's work. COST, \$2200

DWELLING

(2899) N FOOTHILL BLVD 75 E
Courtland Ave., Oakland. One story
five-room dwelling.

Owner.....M. C. Bolts, 3116 Central
Ave., Alameda.

Architect...None.

Day's work. COST, \$2200

DWELLING

(2900) N FOOTHILL BLVD 110 E
Courtland Ave., Oakland. One-story
five-room dwelling.

Owner.....M. C. Bolts, 3116 Central
Ave., Alameda.

Architect...None.

Day's work. COST, \$2200

REPAIRS

(2901) W JEAN 125 S Santa Rosa,
Oakland. Fire repairs.

Owner.....Sam Lovett, 1647 4th Ave.,
Oakland.

Architect...None.

Day's work. COST, \$600

ALTERATIONS

(2903) NO. 1331 FOURTEENTH, Oak-
land. Alterations.

Owner.....Fillipo Tallarico, Prem.

Architect...None.

Day's work. COST, \$400

ALTERATIONS

(2904) NO. 1057 FRANKLIN, Oak-

land. Alterations.

Owner.....W. Cavaso, Premises.

Architect...None.

Contractor..Corbett & Bayliss, 1110
Franklin, Oakland.

COST, \$475

ALTERATIONS

(2905) NO. 829 PINE, Oakland. Altera-
tions.

Owner.....J. Freitas, Premises.

Architect...None.

Day's work. COST, \$400

SCHOOL

(2906) W THIRTY-NINTH 250 S Car-
rington, Oakland. One-story 1-room
school.

Owner.....Oakland School Depart-
ment.

Architect...None.

Contractor..Geo. C. Nall, 930 41st, Okd
COST, \$675

SCHOOL

(2907) W THIRTY-NINTH 200 S Car-
rington, Oakland. One-story 1-room
school.

Owner.....Oakland School Dept.

Architect...None.

Contractor..Geo. C. Nall, 920 41st, Okd
COST, \$675

SCHOOL

(2908) W FRUITVALE AVE 100 N
Tallant, Oakland. One-story 1-room
school.

Owner.....Oakland School Dept.

Architect...None.

Contractor..Geo. C. Nall, 930 41st, Okd
COST, \$675

SCHOOL

(2909) E TWENTY-NINTH AVE 200
N Elmwood Ave, Oakland. One-story
one-room school.

Owner.....Oakland School Depart-
ment.

Architect...None.

Contractor..Geo. C. Nall, 930 41st, Okd
COST, \$675

SCHOOL

(2910) N TALLANT 230 W Fruitvale
Ave., Oakland. One-story one-room
school.

Owner.....Oakland School Depart-
ment.

Architect...None.

Contractor..Geo. C. Nall, 930 41st, Okd
COST, \$675

SCHOOL

(2911) N TALLANT 200 W Fruitvale
Ave., Oakland. One-story 1-room
school.

Owner.....Oakland School Depart-
ment.

Architect...None.

Contractor..Geo. C. Nall, 930 41st, Okd
COST, \$675

DWELLING

(2912) N HOPKINS 75 E Kingsley,
Oakland. One-story 5-room dwelling

Owner.....Joe T. Collins.

Architect...None.

Contractor..Collins Bros, 825 57th,
Oakland.

COST, \$2000

DWELLING

(2913) E TWENTY-THIRD AVE 75 N
Boehmer, Oakland. One-story 4-room
dwelling.

Owner.....Victor Boehmen, 2730
Boehmen, Oakland.
Architect...None.
Day's work. COST, \$500

SIDE WALK ALTERATIONS
(2914) NOS. 820-824 WASHINGTON,
Oakland. Side walk alterations.
Owner.....Thomas Kreling Estate.
Architect...None.
Contractor...Oakland Concrete, Ter-
razzo & Mosaic Co., 2227
Market, Oakland.
COST, \$770

DWELLING
(2915) W BROWN 75 S Kansas, Oak-
land. One-story 2-room dwelling.
Owner.....Edward H. King, — Brown
Ave., Oakland.
Architect...None.
Day's work. COST, \$100

DWELLING
(2920) S RICH 141 W Webster, Oak-
land. One-story 5-room dwelling.
Owner.....J. T. Hinch, 1748 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$2500

DWELLING
(2921) S RICH 150 W Webster, Oak-
land. One-story 5-room dwelling.
Owner.....J. T. Hinch, 1748 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$2500

ALTERATIONS
(2922) NO. 521 ELEVENTH, Oakland.
Alterations.
Owner.....Mrs. Russell, 523 11th, Okd.
Architect...None.
Contractor...California Carpenter Shop
Co., 1249½ Grant Ave., S. F.
COST, \$400

DWELLING
(2923) NW AUSEON AND BLANCH,
Oakland. One-story 6-room dwlg.
Owner.....Mr. Busch, 1216 Center,
Oakland.
Architect...None.
Contractor...Geo. H. Lydikson, 1244 29th
Ave., Oakland.
COST, \$2500

FRAME DWELLING
(2925) E STATEN AVE 139.95 X Van
Buren Ave N 50XE 125, Oakland. All
work for two-story and basement 10
room frame dwelling.
Owner.....Ines Fredricks, Oakland.
Architect...None.
Contractor...Banning & Stewart, 5215
Broadway, Oakland.
Filed Dec. 10, '14. Dated Dec. 9, '14.
Frame up and rafters in place... ¼
Brown coated ¼
Standing trim on ¼
Completed and accepted..... ¼
TOTAL COST, \$8165
Bond, \$1082.50. Surety, Southwestern
Forfeit, none. Plans and specifications
filed.

ALTERATIONS
(2926) NO. 2128 ELEVENTH AVE.,
Oakland. Alterations.
Owner.....Fred Ono, Premises.
Contractor...Frad Ono & Sons, Frem.
Surety Insurance Co. Limit, 50 days.
Architect...None.
COST, \$500

DWELLING
(2927) S WALLA VISTA opp. Arimo

Ave., Oakland. Two-story 4 room
dwelling.
Owner.....John G. Wallen, 180,
Piedmont Ave., Berkeley.
Architect...None.
Day's work COST, \$4000
REPAIRS
(2928) NO. 57, NINTH, Oakland, Re-
pairs.
Owner.....Mrs. Wm. Bolza, 645 Mari-
posa Ave., Oakland.
Architect...None.
Contractor...O. E. George, 1927 Mad-
ison, Oakland.
COST, \$100

ALTERATIONS
(2930) NOS. 1560-62 FRANKLIN, Oak-
land. Alterations.
Owner.....Chas. W. Bolles, 406 Belle-
vue Ave., Oakland.
Architect...None.
Contractor...O. W. Johnson, 2840 Broad-
way, Oakland.
COST, \$100

DWELLING
(2931) E NINETY-FIRST AVE 30 S
"E," Oakland. One-story 3-room dwlg.
Owner.....Manuel Videll, 675 98th
Ave., Oakland.
Architect...None.
Day's work. COST, \$550

DWELLING
(2932) NE E-TWENTY-EIGHTH AND
11th Ave., Oakland. Two-story 7-room
dwelling.
Owner.....Thos. Cullen, 1630 Filbert,
Oakland.
Architect...None.
Contractor...J. B. Peppin Jr., San Le-
andro.
COST, \$3750

FRAME DWELLING
(2933) NW NINETEENTH AVE 10 NE
E-23rd NE 40XNW 125, Oakland. All
work for one-story frame dwelling.
Owner.....Mary E. Bemis, 2402 19th
Ave., Oakland.
Architect...Geo. C. Sargent.
Contractor...H. A. Lanpher and R. Wal-
lace (Wallace & Lanpher).
Filed Dec. 12, '14. Dated Dec. 7, '14.
Frame up \$495
Brown ceated 495
Completed and accepted..... 495
36 days after..... 502
TOTAL COST, \$1987
Bond, \$1000. Surety, American Surety
Co. Limit, 75 days. Forfeit, \$5. Plans
and specifications filed.

Building Contracts Awarded. Berkeley.

No.	Owner	Contractor	Amt.
2902	Kennedy	Wieben	2100
2917	Myiar	NMyiar	20000
2918	Peterson	Peterson	700
2919	Martin	Miller	1500
2924	Fink	Jones	2182
2929	Snow	Snow	1500

DWELLING
(2902) S LYON 120 W Ransome, Ber-
keley. One-story 5-room dwlg.
Owner.....S. J. Kennedy, 1919 Fruit-
vale Ave., Berkeley.
Architect...None.
Contractor...Alex C. Wieben, 2010 35th
Ave., Berkeley.
COST, \$2100

STORE AND DWELLING
(2917) NW GRANT AND ADDISON,
Berkeley. Two-story 8-room store
and dwelling

Owner.....P. J. Myiar, 301 Grand
Berkeley.
Architect...None.
Day's work COST, \$1000

ADDITION
(2918) W KING 10 E 1st, Berkeley.
Add to two-story dwelling.
Owner.....Eugene O. Peterson, 1009
King, Berkeley.
Architect...None.
Contractor...N. J. Peterson, 3100 King,
Berkeley.
COST, \$100

STUDIO
(2919) W PIEDMONT AVE. 10 E
Parker, Berkeley. One and one-half
story 5-room music studio.
Owner.....Randolph Martin, 2009
Piedmont Ave., Berkeley.
Architect...None.
Contractor...Henry W. Miller, 2529
Hillebrand Ave., Berkeley.
COST, \$1000

ALTERATIONS
(2924) — CENTER 80 E Shattuck Ave.
Berkeley. Alterations and addition
except plumbing and kitchen store-
front for two stories and 2nd story
hotel and store building.
Owner.....A. A. Fink.
Architect...Jas. W. Plachek, Acheson
Bldg., Berkeley.
Contractor...Jones & McGowan, 2188
Los Angeles, Berkeley.
Filed Dec. 10, '14. Dated
When decided by architect \$ 000
Completed and accepted..... 291
Usual 35 days..... 291
TOTAL COST, \$7182
Bond, \$1091. Surety, Pacific Coast
Casualty Co. Limit, 54 days. Forfeit,
\$5. Plans and specifications filed

DWELLING
(2929) W COLLEGE AVE 300 S
Parker, Berkeley. Two-story 6-room
dwelling.
Owner.....Lillian E. Snow, 2618 Col-
lege Ave., Berkeley.
Architect...None.
Day's work. COST, \$1500

Building Contracts Awarded. Alameda.

No.	Owner	Contractor	Amt.
2916	Noble	Noble	2000

DWELLING
(2916) NO. 1057 SAN ANTONIO AVE.,
Alameda. One-story 5-room dwlg.
Owner.....Geo. H. Noble, 2220 Central
Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

NOTICE OF NON-RESPONSIBILITY.

Dec. 2, 1914 — LOT 26 BLK. "F" 4th
Ave Terrace, Okd. East Piedmont
Land Co as to improvements on
leased property
Dec. 9, 1914 — PTN LOT 28 BLK 6
lying E line parallel E and Lot 28
and distant at right angles 10 W
therefrom and Lot 29 blk 6 ex-
cept ptn lying E line parallel E
line Lot 29 and distant at r a 36
W therefrom. Map Last Piedmont
Heights Extension, Okd. Wickham
Havens, Inc as to improvements on
leased property

CONTRACTOR'S BOND.

Dec. 10, 1914 — N 40 E 10th BLK 1

Howe Tract, Okd. Owner, Mrs Mary E Harris, contractor, Jos Filtnier; surety, Southwestern Surety Ins Co, bond, \$1013.

COMPLETION NOTICES.

ALAMEDA COUNTY

Dec. 1, 1914—N NINTH 63 E Brush E 27 N 75 W 25 S 25 W 12 S 50, Okd. Mary E Nelson to J M Dale.....Nov. 23, 1914
Dec. 1, 1914—LOT 47, Fourth Ave Court, Okd. Evan W Evans to E W Woodard.....Nov. 28, 1914
Dec. 2, 1914—LOT 4 BLK 9, Claremont, Alameda Co, Helena Kathryn Bowman to Bay City Bldg Co.....Nov. 23, 1914
Dec. 2, 1914—SITE FORMER DWLG E T Crane. E H and Mary T Crane to F A Younger.....Nov. 24, 1914
Dec. 2, 1914—LOT 6 Map Geo W Austin's Shdvn Blk "D" Vernon Park, Okd. John E Murphy to whom it may concern.....Nov. 30, 1914
Dec. 2, 1914—LOT 4 BLK "F" Map Kenwood Park, Okd. Lewis & Mitchell to O G Smith.....Nov. 23, 1914
Dec. 2, 1914—MARKET NO. 4210, being E Market 50 N 42nd E 90 N 50, Okd. Tina M Laytham by O C Bristow to R Cormack.....Nov. 23, 1914
Dec. 2, 1914—N EAGLE AVE 324.50 W Eighth W 30x127, Ala. C C Adams to whom it may concern.....Nov. 30, 1914
Dec. 2, 1914—S WALNUT AVE 164 E Renwick, Okd. J E Settles to R E Moore.....Nov. 30, 1914
Dec. 3, 1914—LOT 2 Ford Tract, Okd. Alfreda Gladding to Joe St. Mary (accepter by contractor). Document dated Nov. 2 and says now complete.....Nov. 23, 1914
Dec. 3, 1914—LOTS 1 AND 2 AND S 1/2 Lot 3 Blk 32, Daily Scenic Park, Bkly. Mary McH Keith and Ellen J McHenry to Van Sant-Houghton Co.....Nov. 26, 1914
Dec. 3, 1914—E-FOURTEENTH NOS. 128-30-32, Okd. Chris Uglund to whom it may concern.....Dec. 2, 1914
Dec. 3, 1914—LOT 17 BLK 8 Map East Piedmont Heights Ext, Okd. L C Winkelman to Peterson & Anderson.....Nov. 24, 1914
Dec. 3, 1914—LOT 4 BLK 7 Map Northbrae, Bkly. Louis O Hansson to whom it may concern.....Nov. 30, '14
Dec. 3, 1914—LOT 28 BLK "C" E-14th St. Villa Tract, being E 79th Ave 300 S E-14th, Okd. F H Dailey to G R Morris.....Dec. 3, 1914
Dec. 4, 1914—W PERKINS 70 N Grand Ave N 91 W 125.07 S 50 E 62.59 S 41 E 62.50, Okd. T L Ayres to F C Caldwell & Son.....Nov. 30, 1914
Dec. 4, 1914—W COLLEGE AVE 57.1 S Ashby Ave. S 50xW 103, Bkly. Caroline Litsch, Emma Klump and Elizabeth Etter to D M Etter.....Dec. 1, 1914
Dec. 3, 1914—W WEBSTER 191 N 14th N 65 W 300 S 50 E 150 S 15 E 150, Okd. Lulu A Leete and Imperial Garage & Supply Co to Anthony & Heyer.....Nov. 25, 1914
Dec. 4, 1914—SE FOURTH AVE 100 NE E-18th NE 75xS 125, Okd. William Goldman to John A Hoots & Son.....Dec. 1, 1914
Dec. 4, 1914—NW OAKLAND AND Leinita Aves NW 100xSW 100, Okd. Edgar H Vance to A Peterson and J Anderson.....Dec. 1, 1914
Dec. 4, 1914—LOT 6 BLK 5 Thousand

Oaks, Oakland Tp. Madeleine Ophelia Kruse to Gustaf Johanson.....Nov. 30, 1914
Dec. 5, 1914—PTN 205 FROM NE Cor 5th Ave and E-21st SE 40xNE 150, Okd. Jesse A Berger by Chester H Miller to M E Hopper & Sons.....Dec. 5, 1914
Dec. 7, 1914—E TELEGRAPH AVE & W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to Newbery-Bendheim Elec Co, Dec. 1, '14; W P Fuller & Co.....Dec. 3, 1914
Dec. 7, 1914—N EUNICE 45 E Arch 45x100, Bkly. D J Horgan to Otto Mailanen.....Dec. 5, 1914
Dec. 7, 1914—NW PIEDMONT AVE 100 SW Mather SW 30xNW 125, Okd. G S Ursell to E Olson.....Dec. 7, 1914
Dec. 9, 1914—SE THIRTY-THIRD & Bruce 29x100, Okd. Albino Ghigione to W G McDiarmid.....Dec. 3, 1914
Dec. 9, 1914—CENTER LINE HARMON Court 395.92 N Alcatraz Ave N 31xW 150, Oakland. Margaret C Goebbels to Sullivan Bros.....Dec. 1, 1914
Dec. 11, 1914—LOT 98 Map Piedmont by-the-Lake, Okd. Henry D Cushing to P J Grosse.....Completed —

LIENS FILED.

ALAMEDA COUNTY.

Dec. 1, 1914—LOTS 19, 20, 21, 22, 23, 24 and 25 Blk 125 Kellersbergers Map of Oakland. Henry W Norman vs C M MacGregor.....\$801.07
Dec. 1, 1914—W MORTON 143 S Santa Clara Ave W 150xS 125, Alameda. Strickney & Hutton vs M E Herbert and Harold Ward.....\$103
Dec. 3, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 SE 104 SE 8.70, Okd. J N Brittain, A S Zehner and F A Bogart (Brittain & Co., dissolved and their creditors) vs Federal Realty Co, J L Brown, Inc and J L Brown.....\$162.41
Dec. 3, 1914—LOT 8 BLK 4 Map Martin Kellogg Ppty, Bkly. S Jorgensen vs G Johanson and J R Brownlee.....\$65
Dec. 3, 1914—LOT 16 BLK 2 Map Blaisdel Tet, Okd. C E Stowe and H P Briggs (C E Stowe Mill Co) vs R J Morrison and W S Zolsky.....\$42.41
Dec. 3, 1914—BROADWAY NO. 2929, Oakland. C E Graven vs Edward Olsen and J M Dale.....\$272
Dec. 4, 1914—LOT 4 BLK 9, Claremont, Bkly. Joseph Connolly vs Helena Kathryn Bowman and Geo D Patterson, Pres. Bay City Bldg Co.....\$67.25
Dec. 4, 1914—LOT 162 Map Piedmont-by-the-Lake, Okd. W P Fuller & Co vs John A Brunje and Irving C Mickelsen.....\$310
Dec. 5, 1914—LOT 17 BLK 16 Map Northbrae, Bkly. Union Floor Co vs Edward Moncaster and E J Aalto.....\$132
Dec. 5, 1914—LOT 14 BLK 13 Map Northbrae, Bkly. Union Floor Co vs A Y Skee.....\$133
Dec. 5, 1914—LOT 4 BLK 9 Claremont, Bkly. Richard Law vs Helena Kathryn Bowman, Geo D Patterson, Pres. Bay City Bldg Co.....\$177.76
Dec. 5, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Ransome-Crummery Co vs Federal Realty Co, Continental Fire Proof Co and Jass L Brown.....\$173.96
Dec. 5, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. P Pilkington vs Federal Realty Co and James L Brown.....\$194.00
Dec. 5, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Baker & Hamilton vs James L Brown, Inc, Federal Realty Co, H C Morris Co and Al H Lent.....\$131.48
Dec. 5, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. John McGuigan (John McGuigan & Co) vs James L Brown, Inc, Federal Realty Co, H S Morris Co and Al H Lent.....\$1623..
Dec. 7, 1914—LOT 4 BLK 9 Claremont Park, Bkly. Reinhardt Lumber & Planing Mill Co vs Helena and James Bowman, Bay City Bldg Co and William Bell.....\$337.36
Dec. 7, 1914—E TELEGRAPH AVE & W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Trussed Concrete Steel Co, \$1304.77; Pacific Gas & Elec Co, \$21; Howard Co, \$9673.55; vs James L Brown, Inc and Federal Realty Co.....
Dec. 7, 1914—E TELEGRAPH AVE & W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Oakland Elec Co \$36.20; Gladding McBean & Co, \$24.25 vs Federal Realty Co, J L Brown, Inc. and Continental Fireproofing Company.....
Dec. 7, 1914—E TELEGRAPH AVE & W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. Enterprise Elec Works, \$70; Hogan Lumber Co, \$2338.69 vs Federal Realty Co, J L Brown, Inc, H C Morris Co and Al H Lent.....
Dec. 7, 1914—LOT 162 MAP A J Snyder's Piedmont Terrace-by-the-Lake, Okd. Hogan Lumber Co vs Irving Michelson and J A Brunje.....\$594.72
Dec. 7, 1914—NW ELEVENTH AND Franklin W 100 N 100 E 25 S 50 E 75 S 50, Okd. T A Johnson vs Alfred Olson; W P Biddle and Odd Fellows' Hall Ass'n.....\$235
Dec. 7, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. C B Castellotti vs St. George Hall Ass'n and F J Klenck.....\$400
Dec. 7, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. H D Samuel Co vs J F Carlston, A J Snyder, Federal Realty Co and James L Brown, Inc.....\$376
Dec. 8, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Haines, Jones & Cudbury Co vs J C and Helena Kathryn Bowman, Oscar Sellers and Bay City Bldg Co.....\$672.50
Dec. 8, 1914—NE E-THIRTIETH 250 NW 21st Ave NW 85 NE 200 E 95 SW 220, Okd. Cobbledick-Kibbe Glass Co vs Alice M and August F Schuppert and Torrence S Peterson.....\$35
Dec. 9, 1914—E TELEGRAPH AVE and W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. John P Maxwell (Maxwell Hardware Co) vs Federal Realty Co and J L Brown, Inc.....\$202.47
Dec. 9, 1914—LOT 17 BLK 16 Map Northbrae, Albany. Tilden Lumber Co vs A E Moncaster and E J Aalto.....\$48.81
Dec. 9, 1914—LOT 43 Map Fourth Ave Court, Okd. Sunset Lumber Co vs

K M Sheridan and D H Vicks, \$12,250
ec. 9, 1914—SW SIXTY-FOURTH
Ave and Virginia W 112.97 S 30 E
112.81 N 34.89, Okd. Sunset Lum-
ber Co vs K M Sheridan and John
Doe Moskovy\$43.75
ec. 9, 1914—LOT 4 BLK 9 Map
Claremont, Bkly. J Gensler (Elee
Constr. Co.) vs J C and H K Bow-
man\$167.35
ec. 10, 1914—SE GROVE & 25TH
E 90xS 60, Okd. Atlas Mortar Co
vs St. George Hall Ass'n and F J
Klenck\$564
ec. 11, 1914—LOT 4 BLK 9 Map
Claremont, Bkly. J Gensler (Elee
Constr Co) vs Helen K Bowman
and Bay City Bldg Co.....\$167.35

AN JOSE AND THE SANTA CLARA VALLEY.

STREET PAVING—Concrete and
spalt. Cost not stated. Burlingame,
an Mateo Co., Cal. Engineer, Town
ngineer, Burlingame. Owners, Town
f Burlingame. Contractors, Federal
onstruction Co., Palo Alto. Contract
alls for paving in Villa Park and the
rice is 14 cents per square foot.

MAUSOLEUM—1 story, reinforced
oncrete and marble, \$5,000. Holy
ross Cemetery, San Mateo Co., Cal.
rchitects, Fabre & Bearwald, Mer-
hants' National Bank Bldg., S. F.
wner's name withheld. The building
as been designed in the classic style.
terior is arranged for eight recep-
acles and will be finished in marble
nd tile. A cement and tile floor will
e used. Considerable ornamental iron
nd brone is specified. Exterior of the
uilding will be faced with marble.
Plans are complete and figures are be-
g taken.

**PAVING, FENCING AND BULK-
HEAD**—Cost not stated. Redwood City,
n Mateo Co., Cal. Engineer, County
urveyor, Redwood City. Owners, San
ateo County. Bids opened by the Su-
ervisors for the paving of Oak Grove
venue at Menlo Park show the fol-
owing bids and the bidders:

City St. Improvement Co.....	\$7,429.87
Federal Construction Co.....	9,334.27
Clark & Henery	4,402.41
Petersen & Grier	7,395.10
Leisch Imp. Co.....	9,792.06
Surveyor's estimate, \$6,326.58. Bids aid over until next meeting. Bids for onstruction of a bulkhead on the San Francisquito creek in the 3rd Road District show:	
Harry R. Morey	\$3,324.15
D. C. Howard	3,118.15
H. McEvoy	3,578.50

Contract awarded to D. C. Howard.
Construction of the John Meyn road
shows James Willison the only bidder,
his bid being \$2,162.04, and he was
warded the contract.

Construction of Kelly avenue, Half-
moon Bay road:
James Willison\$4,381.78
Wrightson, Anderson & Yost, 4,945.05
Matter of award laid over until next
meeting.

Bids for right-of-way fence on Bel-
mont road show A. D. McClellan the
only bidder at \$1,877.77, and he was
warded the contract.

FENCING—Cost not stated. Red-
wood City, San Mateo Co. Cal. Engi-
neer, County Surveyor, Redwood City.
Owners, San Mateo County. Bids for
he 28,000 feet of wire fencing, re-
quired to enclose the new road right-

of-way through the Work's property
have been ordered by the supervisors.
FIRE HYDRANTS—Cost not stated.
Fresno, Fresno Co., Cal. Engineer, City
Engineer, Fresno. Owners, City of
Fresno. Plans have been completed
and figures are being taken for fur-
nishing twenty-five fire hydrants. Full
particulars can be secured from the
City Clerk. Bids will be opened on
December 21st.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

SCHOOL
MOUNTAIN VIEW, CAL. All work for
installing heating system in one-
story school.

Owner.....Mountain View School
District, Mountain View,
California.

Architect...A. P. Hill Jr., Elks' Bldg.,
San Jose.

Contractor...C. L. Meisterheim, 189 S.
First St., San Jose.

Filed Dec. 2, '14. Dated Nov. 23, '14.

When installed\$499.50
Usual 35 days.....Balance

TOTAL COST, \$666

Bond, \$333. Sureties, H. E. Hoff and
A. O. Kayser. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

COTTAGE
SEVENTH NEAR KEYS, San Jose. Five
room cottage.

Owner.....C. S. Rhea, 74 E-San An-
tonia St., San Jose.

Architect.....None.

Day's work. **COST, \$2000**

SLEEPING PORCH
NO. 91 S-TWELFTH ST., San Jose.

Owner.....G. W. Curry, Premises.

Architect.....None.

Day's work. **COST, \$400**

ALTERATIONS
SW HUMBOLDT AND LOCUST, San

Jose. Alterations.

Owner.....Jas. Cusimano, Premises.

Architect.....None.

Day's work. **COST, \$400**

COTTAGE
SW TWENTIETH & JULIAN STS., San

Jose. Six-room cottage.

Owner.....Ray J. McMahan, Premises.

Architect.....None.

Contractor...H. S. Van Dakum, 171 N.
18th St., San Jose.

COST, \$2195

BUILDING CONTRACTS

SAN MATEO COUNTY.

ALTERATIONS
PORTION LOT 15 VILLA LOTS OF

Fair Oaks (Atherton now). All work
for alterations to residence.

Owner.....Charles Brandenstein,
Menlo Park.

Architect...Albert Farr, 68 Post, S. F.

Contractor...F. W. Fox, Palo Alto.

Filed Dec. 9, '14. Dated Dec. 8, '14.

When framed\$1414

Plastered and sash in.....1415

Completed and accepted.....1415

Usual 35 days.....1549

TOTAL COST, \$5593
Bond, \$2797. Surety, National Surety
Co. Limit, 90 days. Forfeit, none
Plans and specifications filed.

FIRE EXTINGUISHER
HILL STREET, HILLSBORO, CAL. All
work for installing automatic fire
extinguisher in residence.
Owner.....Harriett Pullman
Hillsboro.
Architect.....Wm. F. Wilson Co.,
Hillsboro.
Contractor...Geo. L. F. Farnham,
Hillsboro.
Filed Dec. 9, '14. Dated Dec. 8, '14.
On 15th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$1171
Bond, \$585. Surety, National Surety
Co. Limit, 90 days. Forfeit, 4%
per day. Plans and specifications filed.

INSTALLING ELEVATOR ON ALLEY
CONTRACTOR OTIS ELEVATOR CO., HILLS-

boro and Stockton, S. F.

Filed Dec. 9, '14. Dated Dec. 8, '14.

Payments same as above.

TOTAL COST, \$1171

Bond, \$585. Surety, National Surety
Co. Limit, April 1, 1915. Forfeit, 4%
per day. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY.

SEWAGE DISPOSAL, ETC.
"CAROLANDS," Hillsboro. All work

for installing rainwater and sewage
disposal system for three-story and
basement reinforced concrete resi-
dence.

Owner.....Harriett Pullman Carolan,
Hillsboro.

Architect...Wills Fork & Co., Hobart
Bldg., San Francisco.

Contractor...Wm. F. Wilson Co., 330
Mason, San Francisco.

Filed Dec. 9, '14. Dated Dec. 8, '14.

On 15th of each month.....75%

When completed.....25%

TOTAL COST, \$3887

Bond, \$1950. Surety, New England
Casualty Co. Limit, March 1, 1915.
Forfeit, \$5. Plans and specifications
filed.

WELL PUMPING ENGINE
ATHERTON. All work for deep well

pumping engine Kewanee system of
water supply and storage.

Owner.....Jacob Stern, Atherton, Cal.

Architect...Bliss & Paville, Balboa
Bldg., San Francisco.

Contractor...Dorward Pump Co., 703
Market, San Francisco.

Filed Dec. 11, '14. Dated Dec. 7, '14.

All materials delivered.....\$1800

Completed and accepted.....1087

36 days after.....842.25

TOTAL COST, \$3729.25

Bond, \$1087. Surety, American Surety
Co. of New York. Limit, Jan 1, 1915.
Forfeit, \$10 per day. Plans and spec-
ifications filed.

RESIDENCE
"CAROLANDS," Hillsboro. Ex-archi-

tecting and grading second-story
garden for residence.

Owner.....Harriett Pullman Carolan,
Hillsboro.

Architect...Wills Fork & Co., Hobart
Bldg., S. F. and a Design
Paris, France.

Contractor...Sunset Cement Co., 1000
San Francisco.

Filed Dec. 4, '14. Dated Nov. 3, '14.

15th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$1171

Bond, \$1100. Surety, Pacific Coast Casualty Co. Limit, Jan. 15, 1915. Forfeit, \$20 per day. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Nov. 29, 1914—LOTS 3 AND 4 BLK 4, City of Palo Alto. A C Hamerton to whom it may concern. Nov. 27, '14
 Nov. 20, 1914—SW MARTIN AND Tillman Ave. Hanchett Park Tract, San Jose. Mrs E J Smith to R C Hirschbach. Nov. 18, 1914
 Nov. 20, 1914—LOT 77 Morrison Shvbn Santa Clara Co. Geo E Owen to H S Waltz. Nov. 25, 1914
 Dec. 2, 1914—LOTS 3, 4, 5 BLK 13, City of Palo Alto. Blanche L Boardman of Boardman Est, Oakland to E A Hettinger (Theatre) Nov. 24, 1914

LIENS FILED.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Dec. 2, 1914—LOTS 32 AND 33 of the Chace Park Lots, San Jose. F Cox vs G W Mattson. \$142.35

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Dec. 4, 1914—UPLANDS, Hillsborough. Chas T Crocker to Pacific Fire Extinguisher Co. Nov. 24, 1914
 Dec. 4, 1914—UPLANDS, Hillsborough. Chas T. Crocker to Rudgear Merle Co. Nov. 23, 1914
 Dec. 5, 1914—LOT NO. 2 BLK NO. 7 Map No. 2, Burlingame Land Co, Burlingame. Susie B Sullivan to H H Zwick. Dec. 3, 1914
 Dec. 9, 1914—LOT 13 BLK 9 Baldwin & Howell's re-shvbn of San Mateo Park. Frank V Smith to F H Boring. Dec. 2, 1914
 Dec. 9, 1914—"UPLANDS," Hillsborough. Chas T Crocker to Otis Elevator Co. Nov. 30, 1914

LIENS RELEASED

SAN MATEO COUNTY.

RECORDED AMOUNT
 Dec. 11, 1914—LOTS 28 AND 29 BLK 12 Map of Blks 1 to 12, San Bruno Park. John W Jones and G E Brunner to C E Boccala (alisa C Emil Boccala) Nov. 25, 1914 \$140

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STEAM PIPES AND STREET WORK—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, Town of San Rafael. The Clerk of the City Council has been directed to advertise for bids for furnishing and laying steam pipes from the Southern Pacific Gas Plant to the San Rafael Baths. The Council is now considering the proposition to bitumenize the road from Third street and Petaluma avenue to and around the San Rafael Baths.

GRAVING FOR TRACKS AND TANKS—Cost not stated. Richmond,

Contra Costa Co., Cal. Engineer's name not given. Owners, Shell Oil Co. Contracts for the grading and excavating work for the tanks and spur tracks at the Shell oil refinery in Richmond have been awarded to O'Brien Bros. & Smith of San Francisco, covering the excavating for the four 55,000 barrel oil tanks which will be built on top of the hills. Thomas I. Hanna of Maryland will be erected in the Palace of spur tracks through the works.

PUMPS FOR PIPE LINE—Cost not stated. Martinez, Contra Costa Co., Cal. Engineer's name not given. Owners, Valley Pipe Line Co. Contractors, Columbia Steel Works, Pittsburg. Contract price not given. Note: This contract includes the pumps and auxiliary equipment for eleven stations along the route of the Valley Pipe Line Co. from Coalinga to Martinez. bridge will soon be called for.

SUBWAY REPAIRS—Concrete. Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. City Engineer Chapman announces that plans and specifications for the improvement of the subway have been completed and now are being looked over by City Attorney Hall.

MARINE BARRACKS—1 and 2 story, reinforced concrete and brick, \$200,000. Mare Island, Cal. Architect, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. It now seems certain that a part, probably one half, of the \$200,000 now available for constructing new marine barracks at Mare Island and the Norfolk Navy Yards, will be used at once for this work at Mare Island. The present quarters for the marines are but temporary affairs and new buildings are needed very badly. Fort McArthur on San Pablo Bay will be fortified and a permanent garrison stationed there, according to the latest reports from the War Department. A Board composed of Col. Stephen M. Foote, Col. George McK. Williamson, of the Constructing Quartermaster Department at Fort Mason, Major L. R. Burgess and Major Robert R. Raymond has been appointed to arrange preliminary plans for the construction of barracks and mounting guns.

Contracts Awarded.

COURT HOUSE—Addition to court room. Cost not stated. Martinez, Contra Costa Co., Cal. Architects, W. H. Weeks, 75 Post street, S. F. Owners, Contra Costa County. Contractors, Fink & Schindler, S. F. Contract price not stated.

BUILDING CONTRACTS.

MARIN COUNTY.

ALTERATIONS

POINT REYES, Marin County. Additions and alterations to one-story frame building.

Owner.....S. Giandi, Premises. Architect...Righetti & Headman, Pheasant Bldg., San Francisco. Contractor...C. Crane and S. P. Moorhead.

Filed Dec. 7, '14. Dated Dec. 7, '14.

Building enclosed\$1200

When completed 1200

Usual 35 days..... 800

TOTAL COST, \$3200

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

IRRIGATION WORK, DITCHES, ETC.—\$15,000. Modesto, Stanislaus Co., Cal. Engineer, District Engineer, Modesto. Owners, Modesto Irrigation District. At a meeting of the directors of the Modesto Irrigation District, final steps towards the construction of the proposed Curtis Drain Ditch were taken, these involving one condemnation proceedings for a right-of-way and the advertising of bids on the work. The ditch, according to plans already prepared by the District Engineer, will drain the low land in the northwestern section of the district and is estimated to cost from \$10,000 to \$12,000. Secretary Abbott was instructed to advertise also for bids for the extension of the Sproul drain ditch to connect with the main drainage canal, this work costing about \$2,500. Plans for the work, together with specifications and full information may be had from the Secretary of the District at Modesto. Bids will be opened on December 29th.

WATER WORKS PLANT AND EQUIPMENT—Cost not stated. Reedley, Fresno Co., Cal. Engineer, City Engineer, Reedley. Owners, City of Reedley. Bids submitted to the Trustees for the construction of a building and the installation of an auxiliary plant for the city water works have been rejected. The matter of doing the work under the Day Labor system is now under consideration.

BRIDGE—Reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids are now being taken for a reinforced concrete bridge to be constructed over Dry Creek on Van Ness avenue. Plans and specifications can be secured from the City Engineer's office at Fresno. Bids will be opened on December 21st.

BRIDGE—Steel and reinforced concrete. Cost not stated. Bakersfield, Kern Co., Cal. Engineer, State Highway Commission, associated with County Surveyor, Bakersfield. Owners, Kern County. The State Highway Commission has been authorized by the Supervisors to construct a bridge over Beardsley Canal. The county will pay for the work. With the materials on the ground, the State Highway Commission can build the bridge cheaper than any other contractor. The County Surveyor at Bakersfield has plan prepared for a 90-foot reinforced concrete bridge to be constructed over Poso Creek at Famosa. Bids on this

RAILROAD CONSTRUCTION AND SUPPLIES—Cost not stated. Dinuba, Tulare Co., Cal. Engineer, none. Owners, Mineral King Orchard Co., Dinuba. The Mineral King Orchard Company will purchase equipment, consisting of railway and transfer cars to be used in handling the fruit crops for the year 1915. The tracks for several miles will be laid and will be of heavy steel and ties. These will be the first steel tracks laid in this county.

RESIDENCE—2 story and basement frame and plaster, \$15,000. Fresno, Fresno Co., Cal. Architects, Bowen Davis, Fresno. Owner, I. Tellman. The dwelling will be erected on Kearney Boulevard and has been designed for an eleven-room house with four bath and sleeping porch. Interior finish will be of pine and hardwood with stone

FLATS—story and base, frame, \$7,500. Fresno, Fresno Co., Cal. Architects, Bowen & Davis, Fresno. Owner, Robert Cutten. The building will be erected on Tulare street and has been designed to contain four modern flats of five rooms each. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Bath rooms will be finished in tile. Automatic water heaters will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being pre-

MUNICIPAL LIGHTING SYSTEM—Cost not stated. Auburn, Placer Co., Cal. Engineer, City Engineer, Auburn. Owners, City of Auburn. Preliminary plans for a municipal system to be constructed and operated by the City of Auburn are now under contemplation by the City Trustees. The matter will come up for discussion at the January meeting of the Board. It is proposed to call a bond election to vote the necessary bonds to cover cost of construction.

ELECTROLIERS—Cost not stated. Chico, Butte Co., Cal. Engineer, none. Owners, City of Chico. The next meeting of the Development Board will be

RESIDENCE—½ story, and less frame, cost not stated. Sacramento, Cal. Architect, none. Owner, Chas. Kott, 2329 Carnegie avenue, Sacramento. The dwelling will be erected on Hawlett avenue and has been deeded for a five-room house. Interior finish will be largely of pine. There will be hardwood floors in the principal rooms. A large open fire place and tile brick mantel will be installed. Bath room will have tile wainscot. Exterior of the house will be covered with rustic and cement plaster on integral lath. Plans are complete and in the hands of the owner who will do the work by day labor.

CHURCH REPAIRS—A story, frame \$5,000. Sisson, Siskiyou Co., Cal. Architect, none. Owners, Methodist Congregation of Sisson. Contractor, L. A. Sheldon, Sisson. Contract price, \$5,000.

ALTERATIONS
No. 541 T ST. and 5th St. from 1st St. to 7th St.
and 6th St. to 8th St. along Front
basement and rock. Ground in 1st story
in residence.

Owner.....H. B. Martin, 10 1/2 5th St.,
Sacramento.
Architect...None.
Contractor...C. Valine, 2417 15th St.,
Sacramento.
COST, \$800

ALTERATIONS

W 1/2 OF S 1/2 OF LOT 6, 1 1/2 M. 3rd and
4th Sts., Sacramento. Remodel three-
story frame boarding house and
store.
Owner.....Ernestine Morean, 206 L
St., Sacramento.
Architect...None.
Contractor...Chas. Vanina, 2022 M St.,
Sacramento.
COST, \$4943

ALTERATIONS

NO. 915 K ST., E 20 feet Lot 7, J, K,
9th and 10th Sts., Sacramento. Place
balcony in store and make general
repairs in store building.
Owner.....W. F. Purnell, 723 K St.,
Sacramento.
Architect...None.
Contractor...J. S. Hayes, Land Hotel,
Sacramento.
COST, \$2000

RESIDENCE

NO. 1225 HAWLEY AVE., on Lot 53,
East Sacramento. All work for five-
room residence.
Owner.....Carl Koch, 3330 Carnell
Ave., Sacramento.
Architect...None.
Day's work. COST, \$—

RESIDENCE

TERRACE AVE., on Lot 142 Palmetto
Heights, Sacramento. Six-room
residence.
Owner.....Anna Sulzman, Premises.
Architect...None.
Contractor...R. H. Rutter, 2715 2nd
Ave., Sacramento.
COST, \$750

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

HEATING SYSTEM

NE SAN JOAQUIN AND WEBER AVE.,
Stockton. All work for heating sys-
tem in 5-story store and office bldg.
Owner.....The Charles Belding Co.,
325 E-Weber, Stockton.
Architect...Stone & Wright, 24 S-
California St., Stockton.
Contractor...The Pahl-Harry Co., 33 S-
Sutter St., Stockton.
Filed Dec. 9, '14. Dated Dec. 7, '14.
In monthly installments equaling
the value of 75% of work complet-
ed during the preceding month...
Usual 35 days..... 25%

TOTAL COST, \$3967
Bond, \$1500. Sureties, H. S. Dawson
and S. C. Barry. Limit, 90 days. For-
feit, \$5 per day. Plans and specifications
filed.

SWIMMING TANK

1 LOCK BDED BY NORTH, CALIFOR-
nia, Vine and San Joaquin Sts.,
Stockton. All work for swimming
tank enclosure.
Owner.....The Stockton High School
District.
Architect...Stone & Wright, 24 S-
California St., Stockton.
Contractor...Berthart & Nystedt, 1043
N-Sierra Nevada, Stockton

BUILDING AND ENGINEERING NEWS

Filed Nov. 30, '14. Dated Nov. 27, '14.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2825
Bond, \$1112.50. Surety, Pacific Coast
Casualty Co. Limit, 60 days. Forfeit,
\$2 per day. Plans and specifications
filed.

LIENS FILED

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. 9, 1914—W 1/2 LOT 6, N, O, 14th
and 15th Sts., Sacramento. J E
Bateholder vs A Johnes.....\$225

LOS ANGELES AND SOUTHERN
CALIFORNIA.

COLD STORAGE PLANT—6 story and
base, reinforced concrete, \$250,000.
Los Angeles, Cal. Architect's name not
given. Owners, Pacific Coast Beef and
Provision Co., 1000 Lyon street, L. A.
The building will be erected on Lyon
street, covering an area of 110 by 140
feet. Construction will be fireproof.
Only preliminary sketches have been
prepared and complete details will not
be available for some time. Further
mention will be made of this work.

SCHOOLS—2, 1 and 2 story and base,
hollow tile. Cost not stated. Calceico
Imperial Co., Cal. Architects, Allison
& Allison, Hibernian Bldg., L. A. Own-
ers, City of Calceico. Plans for two
new buildings have been completed
and figures will be taken beginning
December 22nd. The two-story build-
ing will cover an area of 178 by 61
feet and the one-story structure 148
by 35 feet. Interiors will be finished
in pine with maple floors in the class
rooms. Plans provide for modern
school plumbing, ventilating system
and program clocks. Exteriors will be
faced with cement plaster. Plans can
be secured from the architects after
the date above mentioned. Bids will
be opened on January 5th.

Contracts Awarded.

RESIDENCE—2 story and base,
frame, \$15,000. Los Angeles, Cal. Ar-
chitects, Milwaukee Building Co.,
Wright and Callender Bldg., L. A.
Owner, Eugene F. Kilne. Contractors,
Milwaukee Building Co., Wright and
Callender Bldg., L. A. Contract price,
\$15,000.

ROAD WORK—\$16,133.57. Santa
Ana, Orange Co., Cal. Engineer, Coun-
ty Surveyor, Santa Ana. Owners,
Orange County. Contractors, Keene &
Norton, Santa Ana. Contract price,
\$16,133.57.

SEATTLE AND WASHINGTON

COURT HOUSE—2 story and base,
Class A construction, \$100,000. Deer
lodge, Powell Co., Mont. Architects,
Lark & Haire, Billings, Mont. Own-
ers, Powell County. Only preliminary
plans have been prepared and details
cannot be given at this time. The
building will be fireproof throughout
and will contain offices for all county
officials, court room and county jail.
Exterior will probably be faced with
cut stone. Working drawings will be
completed as soon as bonds can be sold.
Further mention will be made of the
work.

CHRISTMAS FIRE DANGERS.

By National Board of Fire Underwriters

Two of our holidays, the Fourth of
July and Christmas, are usually at-
tended with serious accidents and fires.
On Independence Day especially in the
past, vast quantities of fireworks and
explosives were used by children.
Serious accidents and numerous fires
resulted from this indiscriminate use.
Accordingly a movement for a safe and
sane Independence Day was inaugu-
rated, which has made splendid progress.
The result is that fatal and non-fatal
accidents and fires on that day have
greatly decreased.

The use of Christmas trees with their
inflammable decorations, and some of
the other observances of Christmas
have been productive of serious damage
and loss of life. This has led to a
movement for a safer Christmas day
which is rapidly spreading, and bids
fair to accomplish splendid results.

In furtherance of this movement the
following from **Safety Engineering** is
of present interest, and should be care-
fully read and its admonitions observed
in every home.

CHRISTMAS DANGERS.

"The records of fire departments
show every year losses of life and prop-
erty by fires resulting from careles-
sness during the Christmas holidays.
In the effort to prevent such losses of life
and property individual co-operation is
needed by officials charged with legal
responsibility.

"To secure such individual co-opera-
tion the following suggestions are di-
rected to the man who is not actually
interested in fire prevention, but who
is sensible enough to understand that
he can help materially in The Fight
Against Fire.

"In schools, halls, churches or where-
ever children or grown-ups gather,
unusual precautions should be taken.
Exits should be marked with red lights
and kept free and clear. Sheet tin or
sheet zinc should be placed under
every Christmas tree to catch candle
drippings. Sand, water or fire ex-
tinguishers should be kept in the most
convenient places for instant use.
Every Santa Claus costume should be
dipped in a solution of four ounces of
phosphate of ammonia to a quart of
water.

"In private homes cotton batting
should not be used. The dry Christ-
mas tree is bad enough. Watch candles
carefully. Several basins or pails
should be filled with water and kept in
the kitchen. If a person's clothing
catches fire the very first thing to do
is to throw that person down; this
changes the direction of the flame and
saves eyes, ears, face and lungs. Then
smother the flame with a rug, blanket,
carpet, coat or anything that may be
handy. If your own clothing takes fire
lie down and roll around while ex-
tinguishing the flames. To breathe fire,
even invisible flame, is nearly always
fatal because the heat shrivels up the
lungs.

"In stores and all sorts of retail
establishments, the greatest care must
be exercised. Many department stores
have been destroyed and many persons
burned to death because of some seem-
ingly unimportant error of judgment.

E. H. Williams Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

Telephone Sutter 2622

615 Phelan Building, San Francisco

All electric wiring should be done or examined by some competent person. Temporary wiring is generally faulty. Gas lights should be protected by a globe, chimney, screen or smoke bells, and all muslin, cambric, curtains or other combustible materials should be kept at least 24 inches away from such flame. Swinging gas brackets should never be used. Do not decorate electric light bulbs with paper petticoats—the heat is enough to set fire to paper. Ventilate show windows. Keep exits clear. Keep fire extinguishers handy. Insist upon "No Smoking." Fire is a useful servant, but a terrible master."

LOW BIDDER OF ROSTRUM IS WITHIN AMOUNT AVAILABLE.

R. Ehrhart Will Build New Rostrum in National Cemetery at Presidio. More Government Work Shortly.

Bids opened by the Constructing Quartermaster at Fort Mason for constructing a rostrum in the National Cemetery at the Presidio of San Francisco show R. Ehrhart low at \$5,532. His bid was the only one received which was within the amount allotted by Congress. This figure does not include a proposed toilet room.

F. Szoke of San Francisco has been awarded a contract at \$315 for constructing a three-inch water main at Fort Miley.

A number of new government jobs will shortly be out for figures plans office of the Constructing Quartermaster at Fort Mason.

COMPLAINT OF SEWER.

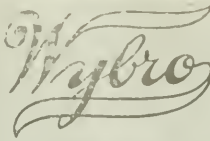
The Balboa Improvement Club and residents in the vicinity of Mission street, between San Jose and Ocean avenues, have called attention of the Board of Supervisors to the unfinished condition of the Islas Creek sewer. They ask the Board to remedy the nuisance as soon as possible.

HORSEPOWER BOILER.

Angelo Pappiano, 81 Greenwich St., has filed application with the Supervisors for a permit to install and maintain a 2-horse power boiler at 815 Greenwich street, to be used for heating hot water.

CLUB PLANS APPROVED.

Plans and specifications filed by Architect G. Albert Lansburgh with the Bureau of Building Inspection of the Board of Public Works for a three-story and basement brick addition to



Veneered Panels of
unexcelled quality—
Sold only at

White Brothers

5th and Brannan Streets

San Francisco

Wybro Panels of Special Woods.

White Brothers, San Francisco, California, are the only dealers in the United States who handle the famous Wybro Panels of Special Woods. These panels are made of the finest woods, and are of a quality that is unequalled in the market. They are sold only at the White Brothers, San Francisco, California.

the present Concordia Club Building at the southeast corner of Post and Van Ness avenue have been approved. The addition will cover an area of 40 by 109 feet and will cost in the neighborhood of \$65,000.

HAMBURG HARBOR.

Some conception of the extent of this harbor may be obtained from the fact that it provides more than 150,000 linear feet of dockage, with about 3,000,000 square feet of space for unloading. These docks are, however, used for package freight only, the bulk cargoes being unloaded at other quays directly into cars for transport to destination, or into elevators and storage warehouses, or into lighters for transportation by water route to inland factories. Two years ago an extension of these already large harbor facilities was decided upon and an expenditure authorized to cover another 40,000 linear feet of quay. In 1912 there were unloaded in Hamburg Harbor 18,400 vessels with an aggregate tonnage of 11,000,000.—Pacific Builder & Engineer.

NEW POWER PLANT AND PRISON FOR PHILIPPINES.

MANILA, Dec. 1, 1914. A \$25,000 company has been organized to build an electric power and light plant, and to erect an ice plant in conjunction therewith. The capital was furnished by Filipinos.

Vice Governor Martin has prepared the draft of a bill to be presented to the legislature providing for setting aside 1,000 hectares (2,474 acres) of land and appropriating \$350,000 for an insular prison, to take the place of Filibid Prison, which it is proposed to abandon.—Daily Consular and Trade Reports. J. F. Boomer, correspondent, Manila.

EXPOSITION NEWS NOTES.

Three redwood counties of California have begun the construction of a "Redwood Hungalong" on the grounds of the Panama Pacific International Exposition. The counties are Humboldt, Mendocino and Sonoma. The hungalong will be fitted out as a country home and will cost \$2,000 and serve as one of the many interesting forestry exhibits.

In addition to the forestry exhibits, the International Exposition is to be held at

San Jose and the various cities of the United States. The exposition is to be held by the Department of Agriculture, and will provide a good opportunity for the Spanish desert. The exposition is known as the League of the Three Americas and includes the representation of various South and Central American countries, as well as those of Spain.

The Great Northern Pacific Steamship Company has announced two excursion boats from the East through the Panama Canal. Two of the line boats ever built, the Great Northern and the Northern Pacific, will leave on January 17 and February 17 respectively. Both will start from Philadelphia where they are being finished in the Camp Shipyard. Shortly after their arrival here they will be put on the regular Pacific Coast route between San Francisco and Astoria.

White pine and yellow pine are the woods most used for boxes and crates, and contribute more than a billion feet to the box industry annually.

WANT SUPERVISORS TO ACCEPT CROCKER DONATION.

The Civic League of Improvement and Associations have urged the Supervisors to accept the donation of seventeen acres of land offered by the Crocker Estate on the grounds that it be maintained as a public park and playground to be known as Bay View Park.

AWARD CONTRACT FOR COURT HOUSE WORK.

The Fink & Sons Company has been awarded the contract for all work in connection with the additional Court Room in the County Court House at Martinez, California. This includes the new wood work, interior and exterior work, plastering, painting, etc.—Daily Consular and Trade Reports. J. F. Boomer, correspondent, Manila.

U. S. METAL PRODUCTS CO. OF THE PACIFIC COAST, INDEPENDENT CONCERN.

The U. S. Metal Products Co. of the Pacific Coast, an independent concern, has been organized in San Francisco, California. The company is organized to produce and distribute metal products, and is expected to be a successful one.

in the seven far Western states, has suffered considerable inconvenience through publication of the voluntary bankruptcy petition of the United States Metal Products Company of New York City, a Massachusetts corporation. The New York concern has no financial connection whatever with the California company, although it has handled some of the products of the United States Metal Products Company of New York under an agency arrangement.

[SIGNED]
U. S. METAL PRODUCTS CO. OF THE
PACIFIC COAST.

By B. L. WILCOX,
Vice-President.

NEW PROCESS TO STRENGTHEN STEEL.

Nobel Prize Winner Discovers Revolutionary Method for Improving Metal.

CHICAGO—The discovery of a revolutionary method of treating steel, by which it is made several times the strength of the present product, was announced before the National Academy of Sciences recently by Prof. A. A. Michelson, winner two years ago of the Nobel prize for physical research work.

Professor Michelson said the new steel would revolutionize warfare by making fortifications as well as ammunition many times stronger than at present. The new steel would advance peaceful projects, he said, by permitting the erection of sky-scrapers to heights never yet undertaken, and the construction of greater suspension bridges.

Demonstrating, Professor Michelson took a bar of new steel and twisted it. Two kilograms of force, he said, were used. He laid the bar aside and in a few minutes repeated the twisting. Instead of breaking, the bar withstood an application of three kilograms of power. Four times the experiment was repeated and each time a greater application of force was withstood.

Professor Michelson said the process might be carried on until steel appliances might be made that would be practically indestructible.

CURIOUS STREET NAMES.

There are some curious street names in London, such as Beer lane, Pickle Herring Street, Shoulder of Mutton alley, Hot Water court and Tiger bay. But there was a time when London possessed a far wider collection of cacophonous thoroughfares than is now the case. King Edward street, the site of the general post office, was for centuries known as Stinking lane. Crackbrain court and Cutthroat lane were in Whitechapel, and Dead Man's place adjoined Dirty lane in Southwark. Hangman's Gains stood near the Tower, and there was a Bandyleg alley off Fleet street. Breakneck court, opposite the Old Bailey, where Goldsmith lived when he first settled in London, has also disappeared.—Pall Mall Gazette.

PLANS TO IMPROVE RIVER.

WASHINGTON—Republican representative Baker has introduced a bill

appropriating \$110,000 for the improvement of the Sacramento and Feather rivers above Sacramento to Red Bluff.

RECORD YEAR FOR SHIP BUILDING

NEW YORK.—During the last fiscal year there were added to the shipping of the world 713 new vessels with a gross tonnage of 2,020,185, according to the annual report of Lloyd's register of shipping, made public here. This is said to be the highest total for any one year recorded in the history of the society.

About 60 per cent of the total was for the British Empire, the remainder divided among other countries. The period covered by the report ended June 30 last.

MILL TAILINGS FOR ROAD METAL.

In Missouri a considerable amount of road material is obtained from the tailings of the concentrating mills at the Zinc mines. This material, which is put on the market as "chats," consists of small angular fragments of chert and limestone. The zinc companies are very glad to get rid of this waste material, which is loaded on the cars by the railroads of the district at a cost of about 6 or 8 cents a ton. It makes more than ordinarily good roads and is widely distributed all through the Middle West. It sells in most places at prices ranging from 50 cents to \$1 a ton, but in the neighborhood of the mines it can be had for about 15 cents a ton. It is used for railroad ballast as well as road making. The annual output, according to the United States Geological Survey, amounts to about 1,300,000 tons.

In Tennessee and Alabama a quantity of chert is used for road metal, and in many States crushed slag from blast furnaces also furnishes a valuable road material. In Alabama, one of the large iron-producing States, over 2,000,000 short tons of furnace slag, the average value of which was about 25 cents a ton, was crushed and put on the roads last year. Crushed slag is also used as railroad ballast and for concrete and roofing material.

RUTILE DEPOSITS YIELD TITANIUM

Rutile, from which is derived the metal titanium, is a reddish, brownish, or nearly black mineral composed of titanium dioxide, and though it is widely spread through the rocks it is rarely found in large quantities. Titanium exists in larger quantity in the earth's crust than copper, lead, zinc, or any of the common metals except iron, but it is called one of the rare metals because of the lack of concentrated deposits and because the metal is so difficult to separate that it has been seen by few people.

The value of rutile arises from the use of titanium as a scavenger in molten steel and cast iron, and from the use of titanium salts in dyeing textiles and in tanning leather. The largest known deposits of rutile are at Roseland, Nelson County, Va. A few other much smaller deposits have been found in the eastern part of the United States, and still other deposits, also much smaller than those in Virginia, have been found in foreign countries. Dr. Thomas L. Watson, State Geologist of Virginia, has described all the known deposits, laying stress on

those in the United States, in Bulletin 580-O of the United States Geological Survey. The bulletin may be obtained free of charge by applying to the Director, United States Geological Survey, Washington, D. C.

ELECTRIC DEPARTMENT WANTS OFFICE ROOM.

Jas. M. Barry, Chief Electrician of the Department of Electricity, has communicated with the Supervisors asking that a portion of the Civic Center Service building be turned over to his department for office purposes. Barry states that this can be accomplished without great expense.

WHY OPTIMISM?

Extracts from Address by Geo. Otis Smith, Director, United States Geological Survey, American Mining Congress, December 8, Phoenix, Ariz.

Europe's war finds its echo in America's industry. What contrast could be greater; on the one shore of the Atlantic all activity seemingly destructive in purpose; on the other shore, every energy directed along constructive lines; absolute waste of life and property as opposed to production of wealth and betterment of life.

Even though it is at a distance that we view the terrible disaster that threatens the whole continent of Europe, optimism seems a lost art. Yet sooner or later this epoch of catastrophe must be followed by a period of repair, and the longer this period is delayed the greater will be the needs involved in the reconstruction and replacement. Where war has torn down at terrific speed, peace must build up slowly.

The interruption of international trade stopped our exports of cotton and copper and our imports of dye-stuffs and potash, whereby several important industries were well nigh paralyzed. Yet startling as has been this disturbance of the whole balance of industry, certain fundamental facts and laws remain for us to build upon and indeed the lower course of foundation stones for optimism has already been laid.

Evidence of business betterment is before us on every hand, and the reasons for optimism are many. The United States farmer has harvested a five billion dollar crop and there is a high-price market for all our surplus food stuffs; already our grain is pouring across the Atlantic. The millions of men who are fighting are not working, and yet these hordes of soldiers must be clothed and equipped as well as fed. Foreign orders have started factory operations which at once tends to relieve the stagnation in the steam-coal trade, the steel situation has turned from serious depression to rapid improvement, and the whole mineral industry may soon expect to share in this general business improvement.

Today the financial horizon is so cloudless that the prophets of bad weather have little upon which to base their predictions. The new federal banking system makes the money reserves mobile as never before, and extension of credit is now possible, without the veto power remaining in the hands of a small group of big men. Still another reason for belief in busi-

ness betterment is the recognition, now becoming widespread, of the general interdependence of big business and the general public. On the one side, the people are realizing that they are and have been in reality the silent partner in big business, and now that here has come the promise of some regulation that will in large part prevent monopolistic centralization, the people are interested in getting their share of returns that can come only with operation at a profit. On the other hand, the managers of the large corporations, the trustees of the investing public, are beginning to see that a certain financial security goes with public confidence, and that the attitude to the public so tersely expressed 30 years ago by a pioneer in railroad financing does not pay dividends today.

Of course optimism is apt to go to extremes. Already we are hearing such expressions as "trade boom," or "opportunity unparalleled in history" and "avalanche of prosperity," and even hardheaded business men are quoted as thus characterizing the present situation. All this kind of talk indicates that a period of overstimulation may threaten us, a condition that is somewhat symptomatic of the American temperament. The four months' record, however, can be summarized thus: While European countries have been mobilizing their armies and calling to the field of battle their reserves of soldiers, America has mobilized its credit and begun to send forward to the market place its vast reserves of food-stuffs and mineral products.

Secretary Redfield recognizes three periods of business condition as naturally following the declaration of war on August 1 last—those of shock, stimulation and readjustment. These three must be expected to affect in the same order all branches of American business, though the transition from one period to the next may not be simultaneous in all branches. Thus for several weeks after war was declared, the exportation of wheat felt the shock and thousands of carloads accumulated at Eastern ports. With cotton the period of shock has been longer, but stimulation of export has now begun. With copper the resumption of sales to Europe seems slow in coming, but come it must, for in the modern world, whether at war or at peace, the red metal is a necessary of life.

As we look toward the south we find that our commerce with South America for the last four years has been onerous to the extent of an unfavorable annual trade balance averaging more than 60 millions of dollars. The fact that the balance of trade is against the United States in two of the three "A B C" countries should be taken only as an invitation to export more, and that 50 millions suggests the chance for further development of trade relations. We need meat and hides from Argentina, tin ore from Bolivia, rubber and coffee from Brazil and Venezuela, nitrate from Chile, platinum from Colombia, cacao from Ecuador, wool from Peru and Uruguay. What can we export in exchange?

To increase industrial prosperity this country needs to export finished rather than crude products and to import raw materials rather than manufactures.

Betterment of industrial condition can come best through expansion of manufacturing. The increase of the element of labor in the product exported will mean that we are not bartering away our heritage of natural resources but rather that we are using these resources as a basis simply for the expenditure of labor, which renews itself.

Coming down to bottom facts, the United States will profit by the European war only as the nation makes larger and wiser use of its mineral resources. Foreign markets in the main can be won and held only as the quantity or quality of the "Made in America" product rivals that of the goods offered by the other producing nations. The buyer, whether he be in the Far East or in South America, wants the most and the best for his money. Yet it would seem a safe rule of national conduct that industry should begin at home, and therefore every industrial opportunity in America should be improved. If these opportunities are recognized and grasped every one of us can indulge in optimism.

FOREST NOTES.

The timber industry represents 37 per cent of the annual production of wealth in British Columbia.

Boxmakers in the United States use more than four and a half billion board feet of lumber each year or more than one-tenth of the entire lumber cut of the country.

In addition to his own fire detection system, the supervisor of the Palisade national forest, Idaho, was notified of each fire by from five to ten different local settlers, who thus showed their co-operation in working for fire suppression.

UNIQUE ENGINEERING FEAT.

When railroad building was undertaken in Alaska following the discovery of gold a unique engineering feat was performed. At a point eighty miles out of Skagway the survey had been made for the road along the shore of a lake, but it was found to be so irregular and broken by so many coves that the plan was adopted of getting a better line by lowering the level of the lake. This was done by cutting an outlet channel, through which fourteen feet of the lake drained off. But presently the new channel, having been cut through a sandy hill, gave way, and the escaping lake water wore an enormous canyon through the country and reduced the lake level again over seventy feet. A fine, level roadbed was secured over what was formerly the bed of the lake.—Argonaut.

BANGKOK MUNICIPAL POWER STATION.

[Vice Consul General Carl C. Hansen, Bangkok, Siam, Aug. 21.]

The recently completed power station for the city of Bangkok is built entirely of brick and reinforced concrete and measures 121 by 133 feet. It is divided into compartments for furnace, boiler, turbines and switches, accumulators, etc.

Owing to the abundance and cheap

ness of paddy husk as compared with coal and wood this is the product of the millers is used as a fuel for power. In Bangkok where a greater amount of power is required than can be obtained in converting the husk paddy husk to the furnace a system of conveyers was installed as a part of the plant of the power station, the principal being an electrically driven Archimedian screw revolving in a steel casing. At 30 foot from wheel was built to receive the paddy husk from the boats and to receive the lower end of the first conveyer, while the upper end is anchored to the end wall of the husk house.

Mechanical Stoking, Boiler Installation.

The method adopted in feeding the boiler furnaces from the bunkers consists of a simple arrangement of mechanically controlled shutters, whereby the husk may be readily regulated as the demands for steam arise. The husk store is a building 161 feet long and 66 feet wide, constructed of concrete pillars and brick walls between. The capacity of this store is equivalent to one month's requirements of paddy husk, while the bunkers hold a quantity sufficient for two weeks' demand at full load.

Babcock & Wilcox boilers have been installed. There are 16 steam drums, together comprising four batteries of boilers, each independent of the other. While paddy husk is the primary fuel, liquid fuel, coal, or firewood can also be used. Liquid fuel will also be stored overhead, but only for use in the event of paddy husk giving out.

Superheated steam will be used entirely for the steam turbines, the boiler pressure being 200 pounds to the square inch. They have been tested up to 400 pounds. The heating surface of each battery of boilers is 6,440 square feet, while the heating surface of the superheater is 1,980 square feet. One boiler will always be kept for liquid fuel. The chimney in connection with the boilers is of steel, and one of the highest in Bangkok, being 162 feet from ground level and 8 feet in diameter.

Station in Three Sections. Automatic Switchboard.

One object aimed at in designing the station was to have one bank of boilers, one turbine, and one condenser complete, so that if the station were divided into three sections each would work independently of the other. The parts of each section are interchangeable, thus rendering it necessary to keep only one set of spare parts.

There are three 1,000-kilowatt turbines of the multiturbine Curtis type. The plant includes the latest type of boiler-feed pump driven by a small Curtis turbine and capable of delivering water against a boiler pressure of 300 pounds to the square inch. The condenser room, under the three turbines, is below the river level. The pumps here are driven by a small steam turbine.

The switchboard is largely automatic in action, and includes an automatic device for regulating the voltage and keeping it steady. The high tension gear 13,500 volts is inclosed in a brick room at the back of the switchboard. All the switches which operate the current are of the latest reinforced pattern with remote control. Each of the three turbines and the motor generator is controlled by a separate

panel in the switchboard.

Station Provides Light and Power to Large Area.

A feature of the switchboard is the lightning resistors, which relieve the very high pressure caused by a flash of lightning striking the overhead wires and thus protect the generators from damage. Each generator has an instrument for registering the number of units, so that the output of the station may be calculated exactly, and also for indicating any leakage and on what part of the line. A large Tudor battery has been installed with a capacity of 2,600 amperes in 5 hours. There are 110 cells in the battery.

This station provides lighting for a large area occupied by royal palaces and residences for Siamese nobles. The motive power for operating the machinery of the Bangkok waterworks and the opium factory is also supplied by this plant.

HIG STEEL ORDER.

An order for 63,450 tons of 90-lb. steel rails has been placed by the Santa Fe with the Colorado Fuel and Iron Company. Of this allotment 23,000 tons are for the eastern lines, 25,900 for the western lines, 7600 for the coast lines, and 6950 for the gulf lines.

SELECT LOCAL ENGINEERS.

SANTA BARBARA. Santa Barbara Co., Cal.—On the recommendation of the County Highway Commission, the Board of Supervisors of Santa Barbara County have engaged the engineering firm of Haviland & Tibbetts, Alaska Commercial Bldg., S. F., as highway engineers, the basis of remuneration to be percentage.

The highway commission is composed of George M. Williams, Hope; Hugh Kelly, Santa Maria, and W. A. Lewis of Lompoc; the secretary of the commission is Frank Kellogg.

CLAY PRODUCTS CONFERENCE.

CORVALLIS, Oregon.—A conference of brick, tile and other clay workers of Oregon is to be held in Corvallis the early part of February, 1915.

NEW TRADE PUBLICATION FOR LOS ANGELES.

The "Oil and Mining Bulletin," a monthly publication devoted to the up-building of the oil and mining interests of the southwest has made its appearance in Los Angeles. The book is edited by J. Nelson Nevius under the auspices of the Chamber of Mines and Oil of Los Angeles. A copy of the Bulletin may be seen at the office of the "Engineering News."

USES OF TUNGSTEN.

Tungsten is used principally as an alloy of high-speed steel—that is, steel used in making tools used in metal-turning lathes running at high speed—to which it imparts the property of holding temper at higher temperature than carbon steels will, according to the United States Geological Survey. The now well-known ductile tungsten is used for incandescent lamps, which are fast displacing carbon lamps. Recently greatly improved lamps, in

which the wire is wound in helices and in which the globes are filled with nitrogen, have produced a close approach to white light. These lamps are furnished in candle powers up to 2,000. Ductile tungsten is practically insoluble in all the common acids; its melting point is higher than that of any other metal, its tensile strength exceeds that of iron and nickel, it is paramagnetic, it can be drawn to smaller sizes than any other metal (0.0002 inch in diameter), and its specific gravity is 70 per cent higher than that of lead.

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Oakland, Antioch & Eastern Railway

LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
8:00A	Bay Point, Diablo and Way S
	tions.
9:00A	Sacramento and Pittsburg on
	Traries Parlor Observation Co
11:00A	Sacramento, Pittsburg, Bay Po
11:20A	Bay Point and Way Stations
1:00P	Sacramento, Pittsburg Bay Po
1:40P	Concord and Way Stations.
2:00P	Sacramento, Pittsburg, Bay Po
4:00P	Bay Point and Way Stations
4:40P	Pittsburg, Sacramento, Mar
	ville, Colusa, Orville a
	Chico, Observation Car.
5:15P	Concord, Diablo and Way S
	tions, except Sundays
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & W



OAKLAND, ANTIOCH & EASTERN RAILWAY

Key Route Ferry, Phone Suter 2339
Red Line Trans. Co., S. F. Peopl
Express Co., Oakland.

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cisco
| Rischmuller, G., 852 37th St., Oak land, Cal. |

Clover Leaf Pharmacy, Cloverdale
Cal.

FIRE INSURANCE.
Boggs, Fred H., 68 Post.

FLORID
White Bros., 5th and Brannan, San
Francisco

GAS MACHINES.
Sansome St., S. F.

GENERAL CONTRACTORS.
Filippis, V., 866 Union St., San Fran
cisco

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Cal.

HARDWOOD LUMBER.
White Bros., 5th and Brannan, San
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Brode Iron Works, 31-37 Hawthorn
Street

KITCHEN FITTINGS.
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LUMBER.
Taylor & Co., 2006 Grand, Alameda.

OIL BURNERS.
Johnston Co., S. T., 1329 Mission St.,
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Oakland, Cal.

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1197, Shop, 111 Franklin, San
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White Bros., 5th and Brannan, San
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PUMPHES.
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Francisco

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WALL PAPER & WINDOW SHA
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Gas Appliance Sales Co., 218 Pacific
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WATER HEATERS.
Pittsburgh Water Heater Co., 237
Powell

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White Bros., 5th and Brannan, San
Francisco

WATER HEATERS.
Simplex Window Co., 525 Market St.,
San Francisco

WATER HEATERS.
Cahill & Co., James, 372-74 12th St.,
Oakland, Cal.



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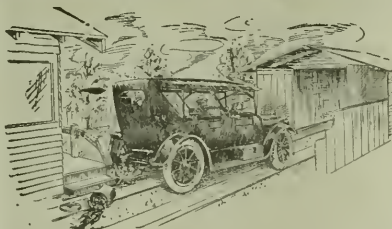
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Devoted to the Architectural, Building, Engineering and Industrial Activities
of the Pacific Coast.

Issued Weekly, \$3.00 per year

San Francisco, December 23, 1914

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Editorial Comment.

The table of figures published by the American Contractor shows an aggregate decrease for the month of about 20 per cent compared to the same month last year, which is almost exactly the same relation that existed last month. It is something less than the decrease for September, but whether or not there is a reaction since that time can not be determined. In any event the cause is country wide for the same condition exists everywhere. The tabulation is given herewith:

	November, 1914.	November, 1913.
Akron	\$179,395	\$173,135
Albany	301,575	781,965
Atlanta	228,104	278,901
Baltimore	274,930	612,796
Berkeley	162,200	205,390
Buffalo	498,000	580,000
Cedar Rapids	250,000	497,000
Chattanooga	28,258	38,610
Chicago	6,513,150	6,490,650
Cincinnati	336,210	466,110
Cleveland	2,153,645	1,241,640
Columbus	377,383	398,770
Dallas	133,850	876,612
Detroit	53,625	111,975
Denver	134,410	155,129
Des Moines	93,302	108,990
Duluth	189,510	204,675
East Orange	79,605	103,405
Evansville	57,086	102,154
Fort Wayne	100,975	102,154
Grand Rapids	171,425	275,284
Harrisburg	34,000	84,800
Hartford	339,355	1,071,045
Indianapolis	265,190	479,711
Kansas City	314,229	934,672
Lincoln	39,475	145,623
Little Rock	18,590	47,050
Los Angeles	785,310	1,200,158
Manchester	86,665	130,234
Memphis	133,275	211,271
Milwaukee	591,563	1,454,410
Minneapolis	703,615	820,990
Nashville	33,655	78,916
Newark	373,627	519,371
New Haven	315,755	214,475
New Orleans	69,632	139,716
New York City		
Manhattan	2,058,244	1,121,757
Bronx	418,013	116,614
Brooklyn	1,617,415	2,309,415
Queens	1,460,795	1,112,863
Richmond	121,105	275,679
Oakland	281,769	411,226
Oklahoma	1,508,315	8,675
Omaha	135,587	268,500
Pasadena	18,200	142,889
Patterson	46,361	81,034
Peoria	603,200	181,800
Philadelphia	1,210,570	1,026,567
Pittsburgh	777,368	698,617
Portland	457,870	608,886
Richmond	190,688	35,299
Rochester	297,800	419,571
Sacramento	177,394	279,740

Salt Lake City	187,220	571,600
San Francisco	1,111,179	1,101,282
San Antonio	270,341	190,889
San Jose	67,147	92,200
St. Joseph	67,410	82,449
St. Louis	650,029	1,173,345
St. Paul	715,087	647,002
Seranton	88,892	106,625
Seattle	126,610	187,740
Shreveport	41,461	90,624
Sioux City	84,177	118,127
Spokane	53,888	78,419
Springfield, Ill.	55,100	11,169
Stockton	20,510	32,450
Syracuse	295,365	181,000
Tacoma	270,665	68,520
Toledo	276,676	281,350
Topeka	35,650	40,300
Troy	37,450	27,150
Utica, N. Y.	97,500	144,825
Washington	419,544	646,002
Wilkes Barre	76,497	212,428
Worcester	121,124	299,688
Total	\$33,814,943	\$10,000,120

Nobody seems to know why the Chief of the Fire Department was fired. There is certainly no just cause for it, as the general consensus of opinion is that Murphy was one of the most efficient officers. Meanwhile Ex-Mayor Schmitz has announced his candidacy for mayor on the appeal to "bring the good old times back again," and the present city administration leaves much to be desired. When can we elect a mayor and a government that is above petty and cheap politics?

The advance in freight rates allowed by the Interstate Commerce Commission has called forth varying comments from the newspapers. And they vary in tone from the positive approval of the Railroad organs to positive disapproval of those opposed. No doubt the Interstate Commerce Commission has acted according to the best interests of the country from the facts before it for consideration and it probably has a better view of the situation than most of the editors.

But the great difficulty of the whole matter is that the valuation of the Railroads is arbitrary. Interest must be paid on a capitalization that never went into the railroads. And the difficult thing to do is to arrange the water out of the stock so that the innocent public will not suffer. For that reason government ownership would be desirable because if government bonds were given in exchange for railroad securities the rate of interest would be less and the amount of bonds would be reduced. The bonds would be sold at a price below the face value. The question of government ownership of these public utilities will be put up to the people in some form of referendum.

Lumber Market of the Territory of Hawaii.

The eight islands in the Territory of Hawaii, usually referred to as the Hawaiian Islands, while part of the United States, are commonly considered as a foreign market by the lumbermen of the Pacific coast, since the lumber shipped to the several ports is of the same export grade as that consigned to the ports of other nations. Only four of the eight islands are of commercial importance, namely, Oahu, Hawaii, Maui and Kauai. The remaining islands—Molokai, Lanai, Niihau and Kahoolawe—do not now require much lumber and are not likely to within the next ten years. The chief industry of the last three is sheep raising.

Probably the comparatively short distance that separates the group from the United States—approximately 2,100 miles from San Francisco, Cal., and 2,400 miles from Seattle, Wash., in contrast to the 4,800 miles from Manila, P. I., or 3,450 miles from Yokohama, Japan, the next nearest source of lumber supply, though the latter is admittedly of a different character—the Hawaiian Islands always have depended and will probably continue to depend upon the mainland for its lumber demands. None of the islands has sufficient timber to meet its own needs, even were the timber that is available best adapted to the uses to which it must be put. The forests are principally of the hardwood type and they are of more value as a protection to the watersheds of the islands than for lumber. The Territorial government, recognizing this fact, has set aside forest reserves aggregating 690,000 acres, of which about 67 per cent is Government land. The problem of fuel, particularly in the case of settlements and plantations some distance from a seaport, is a serious one, since both wood and oil must be shipped in. In an effort to solve the fuel problem, the experiment is being made of planting eucalyptus (*globulus* and *robusta*) for firewood.

Sawmill Operations in Islands.

Only one sawmill is in operation in the Territory. The mill is that of the Hawaii Hardwood Co. (Ltd.), at Pahoa, on the island of Hawaii. Here is cut a limited quantity of ohia, a dense hardwood, which is manufactured into railroad ties, vehicle stock, flooring, paving block, and lumber that is principally used for interior finishing purposes. The anomaly is presented of this mill's product in the shape of ties being shipped to the mainland for the Santa Fe Railway Co., while the Hilo Railroad Co., over which the ties are hauled from Pahoa to Hilo for shipment, imports redwood ties from California for its own line. Ohia flooring is quoted in Honolulu at \$80 per thousand feet board measure for 13-16-inch by 2 1/4-inch face, while 1 by 4 inch stock in lumber brings \$75 and 1 inch by 10 and 12 inch as high as \$85 per thousand feet.

One other species which is cut in limited quantities and which in a measure may be said to compete with lumber from the mainland is kua, another

dense hardwood, occasionally referred to as Hawaiian mahogany. This is an acacia, found chiefly on Hawaii and Maui. Natives cut the timber and find a market for the logs and gnarled pieces. It manufactured principally into furniture and takes a beautiful polish. It is also made into small articles sold as souvenirs.

The lumber imports show a total value for all lumber and lumber products for the year ended June 30, 1914, of \$1,383,322. This amount is smaller than for any one of the four preceding years. The shipments from the United States represent almost the total imports of lumber into Hawaii.

Government a Big Consumer.

The United States Government, as represented by the War Department and the Navy Department, has been a heavy importer of lumber in recent years. The island of Oahu is being made the Pacific base for both the Army and the Navy, and the several services have nearly completed permanent quarters for 8,000 enlisted men. In the construction of fortifications and buildings of varied types many million feet of lumber have been used. All but a very small per cent of the lumber was bought under the specifications of one or the other department from the mills on the Pacific coast and most of it shipped to Honolulu by sailing vessels. The work planned by the Army is nearing completion. This branch has used steel and concrete to a large extent, and cement has even been used in the building of barracks and officers' quarters. It is possible that bids will be asked before the expiration of 1914 on lumber totaling \$100,000 in value. This will probably be the last big order for the use of the Army in Oahu. Construction work at the Pearl Harbor naval station, near Honolulu, is progressing, but the immediate or even prospective needs for lumber at the station can not be accurately determined. It is likely considerable lumber will be used annually for the next five years, especially in the building of houses for the officers, while unquestionably much lumber will be utilized in the reconstruction of the dry dock.

Wood Best Building Material.

Wood is without question the best building material for use in the construction of homes in the Territory of Hawaii. The equable climate, with no extreme of heat or cold, and a prodigious rainfall in some sections, require a shelter not too heavy in construction and so arranged as to secure the maximum of sunlight and air. Shingles, it has been proved, make the most desirable roofing, though in some sections corrugated iron is used on the roofs in order that every drop of rain may be diverted into tanks and saved for future use.

Douglas Fir Principally Used.

The lumber bought on Puget Sound is almost all Douglas fir, but is known in the Territory as Oregon pine and is sometimes called Northwestern pine, early all of it is No. 1 merchantable grade and is graded and sold under

the certificate of the Pacific Lumber Inspection Bureau. Small quantities of rough clears are also included in some of the orders. In unloading it is the custom to sort over the stock before putting it in pile and a small amount of select grade is secured from the No. 1 merchantable. *A* and clear red cedar shingles also are purchased, together with flooring, finish, and mill-work.

Redwood and Other Species.

Redwood lumber is also bought on standard export grading. It forms about 10 per cent of the stock imported by two of the larger concerns in Honolulu. In addition to the rough lumber imported, quantities of redwood ties, poles, posts, and shingles are brought in, the poles and ties usually being in special orders. A base price on redwood is employed.

Very little California sugar or white pine lumber finds its way into the Territorial markets. Small stocks are carried by the leading yards in Honolulu to meet the call for special purposes, such as mill-work orders, pattern stock, or drain boards.

Hardwoods are used only to a limited extent. Only three species are imported—oak, ash and hickory. In lumber the grade bought is No. 1 common. Since the hardwoods are desired almost exclusively for the building of new or repairs to old vehicles, dimension stock is largely specified. Probably not more than 15 cars a year find a market in the islands. The lumber is sometimes shipped from the assembling points east of the Missouri River to San Francisco, but more often it is bought in the eastern markets and shipped from New York or Philadelphia by steamer in parcel lots.

Large Lumber Consumers.

One of the largest of the individual consumers of lumber is the Oahu Railway & Land Co., which operates approximately 115 miles of railroad on the island of Oahu. The Koolau Railway, operating about 12 miles, is practically an extension of the Oahu Railroad. In Honolulu the company has a plant for building both passenger and freight cars of varied types (all narrow gauge) in operation. An estimate of the quantity used annually for building cars and in maintenance is given at 1,000,000 feet b. m.; this is practically all Douglas fir. Possibly 2,000 feet of ohia is used for finish. The railroad also uses approximately 25,000 ties a year. These are all redwood of standard size (6 by 8 by 8 inches). In explanation of using a standard-size tie on a narrow-gauge road, it has been found by experience that the mechanical life of the tie is much less than its resistance to decay, and by shifting the tie and cutting off a portion of one end and relaying it a financial saving is made. The Oahu Railroad operates its telegraph and telephone system over the pole line on its right of way owned by the Mutual Telephone Co. and therefore does not purchase poles. The company buys practically all of its lumber direct from manufacturers.

Other Railroad Consumers.

Another railroad consumer, requiring about 1,000,000 feet annually, is the Hilo Railroad Co., operating about miles of line on the island of Hawaii. This is a standard gauge rail, the only one in the Territory. The company has car shops and a foundry, builds and repairs its own cars at Hilo. Redwood ties are used in the bed, but the requirements are soed from year to year that no estimate of the number bought annually can be obtained. Douglas fir is widely used in the shops, though ohia has been found well adapted for cars. The company buys direct from manufacturers on the Pacific coast and takes part of cargo space with some lumber shipping into Hilo. The Hawaii Railroad Co., operating miles of road from the harbor of Honolulu to Niihau, in the district of Oahu. The West Hawaii Railroad Co., about 12 miles of track in the district of Kona. On the island of Maui, the Kahului Railroad Co. operates approximately 25 miles. On the island of Kauai, the Kauai Railway Co. has about 17 miles of road. These roads generally serve many plantations operating their own railroads. For instance, the Oahu Railway & Land Co. operates with more than 100 miles of private railroads on sugar plantations. The Hawaii Telephone and Telegraph Co. operates an electric street railway system established in the Territory.

Honolulu Rapid Transit & Land Co. operates the entire line through principal streets and suburbs. In early construction of the line redwood ties were laid, but since 1903 wood has been used exclusively, with treatment with preservative. It was found the redwood decayed quickly unless protected. Redwood poles have given satisfaction, a preservative treatment being applied. The company also has successfully used Douglas fir paving block in business district of the city. All are bought on the mainland. An extension of the line 4 miles to the Fort Stevens naval station at Pearl Harbor is contemplated.

The Mutual Telephone Co., with headquarters in Honolulu, has about 10,000 poles set in its lines on Oahu, and of number approximately 7,000 are in redwood. The company specifies 1 or 26 foot pole with an 8 by 8 inch or 6 by 6 inch top. No general extension of the lines of the company is contemplated. Practically all of the furniture used by the company is made of wood, including switchboards, made of ohia and koa and built in own shops.

Paving Block and Piling.

Wood paving block is specified by the department of public works as one of five kinds of paving that may be laid on Honolulu streets. Approximately 6,000 Douglas fir blocks have been laid in the city streets. The size of block that is thought best adapted is 4 by 4 inches. A bid submitted by a contractor during the middle of October, 1914, named \$1.62 per square foot for Douglas fir blocks, furnished and placed, including foundation. The bid was lower than in some previous tenders. Ohia also has been used for paving block and, being a native wood, has probably been favored. No estimate of wood-block paving

remains to be done in Honolulu, but much will be done in the future in the next largest city, Hilo.

owing to the destructiveness of the marine life in the harbor of Honolulu concrete has been resorted to in recent years as a substitute for timber piling. Some Douglas fir piling is still being used, in 70 and 80 foot lengths, but it is necessary to sheath the piles with copper to protect them from the teredo. Piles when bought on the Pacific coast reach the islands as part of a deck load of lumber. With the opening of the Panama Canal an impetus is expected to be given to the shipping business of Honolulu, and the question has been agitated of enlarging the port facilities through the improvement of Kalia Harbor and Channel, which lies between Honolulu Harbor and Pearl Harbor. Should this scheme materialize, a decided demand for lumber would follow for dock purposes.

Sash and Door Demands.

The sash and door business in the islands is about evenly divided between the factories of sugar and white pine stock in California and the manufacturers of Douglas fir and western yellow pine stock in Oregon and Washington. Only regular stock patterns common to the trade of the mainland are used in both doors and sash. All sash is glazed. Some special work is done at the local planing mills, but much custom work is ordered from the Pacific coast factories when time permits.

Big Market for Box Shooks.

The general specifications call for Douglas fir sides, top, and bottom 3/4 inch thick with spruce ends 3/4 inch thick. One of the largest packers uses California pine shooks exclusively for packages, at a slightly higher price per case than is paid by the other canneries. Another factory specifies spruce for its entire box. [A list of the Hawaiian pineapple canneries may be had from the Bureau of Foreign and Domestic Commerce or its branches.]

Of the total pineapple pack it is estimated that 82 per cent is canned on the island of Oahu, 12 per cent on Maui, and 5 per cent on Kauai.

Lumber Subject to Insect Damage.

Two insect pests work havoc with lumber in the Hawaiian Islands, when once they attack wood, wherever it may be, either rough or finished, inside or exposed to the elements. One of these pests is a flying white ant, which finds its way into the wood, chiefly into the sap, through the smallest opening and then literally eats its way through the interior, making grooves as thick as a lead pencil. No indication of the damage being worked in the wood is shown on the exterior until pressure on the remaining shell-like covering surface causes it to break. The presence of the ant can be detected in the earlier stages through a fine white powder that it deposits when forcing an entrance into the wood itself.

The other pest is the so-called carpenter bee, which, although black in color, is a bee of about the size familiar in many sections of the mainland. It attacks lumber, fence posts, and poles, boring a hole a half inch in diameter to a considerable depth. Sometimes the bee bores into the post at right angles and then turns and parallels the grain so that the piece attacked may be hung, oiled without

disturbing the sections to locate the condition. It is said that the carpenter bee in some years has killed trees to the extent of one of every ten, but that in other years it has done little or no harm. The bee has not been so active in recent years, though the pest continues to do much damage.

Prospective Lumber Demands.

The next 10 or 15 years do not hold out any prospectively great increase in the volume of the lumber business in the Hawaiian Islands. Undoubtedly a larger acreage will be brought under cultivation on some of the islands that are thus far but partially exploited, but it is difficult to conceive of any substantial growth in urban population. The islands have no natural resources, such as coal, iron or other mineral deposits, oil, or forests, and without these they cannot engage in manufacture and compete with sections contiguous to raw materials. Even for the few articles manufactured for consumption within the Territory today the raw materials must be imported. An increased traffic through the Panama Canal might make of the Hawaiian Islands a desirable, even logical, station for coaling and supplies for the commerce from east to west or west to east, but that in itself would not materially add to the population and thereby influence the consumption of lumber. It has already been pointed out that the use of materials other than wood for construction purposes is growing despite the fact that wood makes the most desirable dwelling in the temperate climate of the islands. It is barely possible that the use of substitutes will, unless unforeseen conditions should bring about an influx of people, from now on offset what natural increase in the lumber business might be expected.

The inference may possibly be drawn by the reader from statements made in this report that prices quoted as prevailing retail figures have had a part in retarding building operations or tending to influence favorably the use of substitutes. According to the lumbermen, the prices asked are not excessive and allow of but a legitimate profit to themselves. They cite the facts of the limited storage facilities for lumber on the water front, the cost of handling, high insurance rates, necessarily extended credits, inefficient yet highly paid labor, and long and costly hauls for delivery. Others who were uninitiated, but who believed big profits were to be reaped in the business, are said to have attempted to operate yards in Honolulu and failed to make a success of the venture.

The question will probably occur to many of the readers why more of the lumber orders of the larger consumers, such as the sugar plantations, are not placed directly with the manufacturer. The explanation lies partly in the fact that for generations business has been carried on in the islands through middlemen in the shape of the factor, a comparatively small commission undertaker not only to buy the supplies for the plantation but to market its product as well. It is true there is an interlocking of the persons forming the distribution chain, but various companies at different times about an existence of business every form. In addition several of the larger concerns doing a large business have branch houses in the

branch houses of San Francisco companies, and they relieve the buyer of all responsibility in purchasing lumber or other supplies.

As to credits, all of the concerns that import lumber in cargo lots for their yards in the islands have had such extensive dealings with the lumbermen on the Pacific coast that no serious questions arise as to terms or time of payment. Settlements are usually arranged for on the basis of payment on receipt of documents less 2 per cent for cash.

[Consular Reports of Commercial Agent Franklin H. Smith, Oct. 22.]

INCORPORATIONS

Associated Merchants Credit Bureau. To conduct a general mercantile and collection agency. Capital Stock, \$25,000; 2500 shares at \$10 each; amount subscribed, \$50. Place of business, San Francisco. Directors—J. A. Buck Jr., E. J. Benjamin, W. J. Watson, J. C. Smith, W. H. Murphy, 1 share each.

American Brass Mfg. Co. General manufacturing and jobbing business. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—L. H. Handy, M. A. Whittle, H. G. Johnston, W. L. Phillips, A. L. Studebaker, 1 share each.

Sampson Peak Mining Company. To mine and trade in magnesite and its products. Capital Stock, \$25,000; 2500 shares at \$10 each; amount subscribed, \$25,000. Place of business, San Francisco. Directors—H. Wrightson, 2498 shares; H. Fischel and F. C. Schernstein, 1 share each.

San Francisco Reduction Company. Cert. copy. To reduce and destroy garbage, rubbish, etc. Capital Stock, \$50,000; 500 shares at \$100 each; amount subscribed, \$500. Place of business, Los Angeles, Cal. Directors—C. D. Crouch, V. E. Crouch, J. W. Gridley, G. Hansen, G. Micon, 1 share each.

Western Alfalfa & Hog Company. To raise and deal in hogs, horses and cattle. Capital Stock, \$50,000; 100,000 share at 50c each; amount subscribed, \$50. Place of business, San Francisco. Directors—R. Atthowe, C. Rosenthal, J. A. Bondenson, A. S. Pare, N. J. Bess, 20 shares each.

Fairmont Hospital Corporation. To equip and maintain hospitals and sanitariums. Capital Stock, \$100,000; 10,000 shares at \$10 each; amount subscribed, \$500. Place of business, San Francisco. Directors—P. A. Bill, W. P. Read, W. A. Harvey, W. G. Harder and F. Williams, 10 shares each.

Surface Electric Railway Supply Company. To deal in patents and inventions, stocks, notes and its own commercial paper. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—J. A. Wheeler, S. G. Mitchell, S. Joseph Thersen, 1 share each.

Seattle Brewing and Malting Co. Cert. Copy. To operate breweries and to manufacture beer and malt liquors products. Capital Stock, \$1,000,000; 10,000 shares at \$100 each; amount subscribed \$100,000. Place of business, Seattle, Washington. Directors—Andrew Hemrich, 9996 shares, Wm. Hemrich, R. R. Spencer, A. H. Anderson, and John Mueller, 1 share each.

John Rapp & Son. Cert. Copy. To

conduct a general beer bottling business. Capital Stock, \$50,000; 500 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—B. Rapp, A. Rapp, G. W. Brooks, John Rapp, J. G. Rapp, 1 share each.

Joseph Samuel, Inc. To deal in flowers, plants, trees, etc. Capital Stock, \$250,000; 2500 shares at \$10 each; amount subscribed, \$12,000. Place of business, San Francisco. Directors—J. Samuel, B. Samuel, R. Gordon, G. Gordon and H. Lesser.

"Pavo Real." Social to promote dancing. No capital stock. Place of business, San Francisco, 3 directors.

Gentry Investment Co. To act as hotel and inn keepers and to do a catering business. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—F. R. Wasch, P. C. Bryant and E. Lyon, 1 share each.

Hendee Manufacturing Sales Company. Cert. Copy. To deal in motorcycles, automobiles and machines. Capital Stock, \$50,000; 500 shares at \$100 each; amount subscribed, \$50,000. Place of business, Springfield, Mass. Directors—G. M. Hendee, C. A. Earl, F. J. Wesihler, 1 share each; Hendee Manufacturing Co., 497 shares.

Beating Back Film Corporation of California. To deal in moving pictures, films and appliances. Capital Stock, \$20,000; 200 shares at \$1 each; amount subscribed, \$500. Place of business, San Francisco. Directors—C. Deckelman, B. S. Cohen, J. R. Crone, L. Ferrari, A. Jacoby, 100 shares each.

Hampton Electric & Machine Co. To do a general machine manufacturing business. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$5. Place of business, San Francisco. Directors—C. J. Thelen, N. M. Lundstrom, E. J. Hampton, H. Merrick and L. Welch, 1 share each.

C. S. Clancy, Inc. To deal in automobiles and generally in mechanically propelled vehicles. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$12. Place of business, San Francisco. Directors—W. G. Deal, J. A. Cochrane, 1 share each; C. S. Clancy, 10 shares.

The Rose Development Company. To develop and exploit gold, silver and other lode or placer mines and deposits. Capital Stock, \$5000; 5000 shares at \$1 each; amount subscribed, \$50. Place of business, San Francisco. Directors—L. T. Ilyone, A. C. Parsons, H. C. McConnell, R. Thayer, C. J. Parks, 10 shares each.

St. Luke's Hospital. Cert. Copy. To found and maintain a hospital. No Capital Stock. Place of business, San Francisco. Directors—J. G. Eastland, Wm. Babcock, J. Wigmore, E. R. Taylor, C. P. S. Gibbs and Wm. Blanding.

Beating Back Film Corporation of California. To deal in moving pictures, films and appliances. Capital Stock, \$20,000; 200 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—C. Diekelman, B. S. Cohen, J. R. Crone, L. Ferrari and A. Jacoby, 100 shares each.

Professional Chauffeurs Holding Company. To further the interests of the professional chauffeur. No Capital Stock. An admission fee of \$24. Place of business, San Francisco, 7 directors. California Bitters Company. To market and deal in bitters and its preparation. Capital Stock, \$200,000; 2000 shares at \$100 each; amount subscribed

\$300. Place of business, San Francisco. Directors—J. H. Murphy, E. E. W. A. Lux, 1 share each.

Pacific Imperisho Casket Company. To manufacture caskets. Capital Stock, \$75,000; 750 shares at \$100 each; amount subscribed, \$500. Place of business, San Francisco. Directors—H. Bernay, R. H. Harvey, L. C. Hochschuch, L. Ferrari and A. Jacoby share each.

Japanese Amusement Concealment Company. General amusement business. Capital Stock, \$10,000; 100 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—S. Sekigushi, G. C. Calo, J. E. Wooley, 1 share each.

Travel Company of America. To act as agents, factors and brokers. Capital Stock, \$15,000; 1500 shares at \$10 each; amount subscribed, \$15,000. Place of business, San Francisco. Directors—R. S. Hunter, 750 shares; S. J. Johnson, 600 shares; M. F. Garrigue, 150 shares.

ENGINE HOUSE PLANS ORDER PREPARED.

The Board of Public Works has rected the Bureau of Architecture prepare plans and specifications for engine house in which will be located Engine No. 3, Chemical No. 6 Battery No. 1.

The building will be erected on north side of Post street just east Polk and will be modern through sleeping quarters and other details are in all firehouses throughout city will be provided for.

Construction will be of Class two stories in height and will cost the neighborhood of \$35,000.

CO-PARTNERSHIP.

Harry William Knoll as L. P. Fisher Advertising Agency.

Clyde A. Auger as Auger Artistic Limb Co.

Nathaniel Bois as Bois Rolling Screen Co.

T. C. Conmy, M. W. Shannon, W. Shannon as Shannon-Conmy Printing Co.

John W. Barnett as Oregon Cider Extract Company.

J. J. Seibert, C. R. Danziger "Seibert Co."

DECREASE OF CAPITAL STOCK

Andes Silver Mining Company, increased from \$250,000 of 1000 shares at 25c each to \$100,000 of 400 shares at \$1.00 each.

AWARD ELECTRICAL CONTRACT

The General Electric Company has been awarded the contract for electric work in the Civic Center Plaza by the Board of Public Works on their bid of \$1529.

NOTICE OF NON-RESPONSIBILITY

Dec. 16, 1914—N. SUTTER 354 m o E Steiner E 70 m o 1 by N 70 or L Emma Gates Butler as 0 improvements on leased property.
Dec. 16, 1914—NO. 2945 PARKER, J. Meyer and M. Blacker, lessee, to improvements on leased property

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 2 story and base, brick and steel. Cost not stated. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Post street west of Hyde and has been designed for a high class of tenants. There will be 100 rooms arranged in suites of two and three rooms. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and blue gum. Hardwood floors will be used in the living and dining rooms. There will be a complete steel frame. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Marble and tile wainscot will be used in the entrance vestibule. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and segregated figures will be taken at once.

OAKLAND, CAL.—Apartment house, 2 story and base, brick and steel, \$55,000. Architect, W. L. Schmölle, 166 Geary street, S. F. Owner, Joseph Meyer. The building will be erected on Alice street near 15th in the Lake Merritt District and will cover an area of 80 by 120 feet. There will be a total of thirty apartments of two, three and four rooms. The building will be built around a central patio. All suites will have wall beds and private bath rooms. Interior will be finished in curly redwood and burl redwood. Hardwood floors will be used in the principal rooms. There will be a large social room and roof garden. Bath rooms will have tile wainscot and floors. Plans provide for steam heat, an automatic elevator, electric dumb waiters and hot water supply. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

BONDS.

RED BLUFF, TEHAMA CO., CAL.—An election held in this city to construct and complete a new water works system at a cost of \$85,000 has been defeated.

The vote was 282 in favor of the proposition and 538 against. The vote being just a little less than 40 per cent of the total registration of the city.

COLUSA, COLUSA CO., CAL.—The Supervisors have sold the \$150,000 county bridge bonds to the Anglo and London-Paris National Bank of San Francisco for \$152,733.50. Halsey & Co. bid par with \$1,915.57 premium and William Staats company bid \$152,335. The issuance of these bonds was ordered at a special election held in Colusa County March 17, 1914.

PUEBLO HIGH SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Bonds in

the sum of \$60,000 for the erection of a new high school building in the Puente Union High School District were voted at a special election held recently. The bonds carried by a large majority.

YUBA CITY, YUTTER CO., CAL.—The Capitol National Bank of Sacramento has sold \$110,000 of the State Highway bonds on a 5 per cent basis for the Supervisors, which insures the construction of the State Highway in this county between Yuba City and Live Oak and on to the Butte County line.

FAIRFIELD, SOLANO CO., CAL.—The Supervisors of Solano County have sold \$50,000 worth of State Highway bonds held by the county to a San Francisco bank for \$46,645.50 and accrued interest.

The county still holds \$300,000 in highway bonds, \$10,000 of which will probably be offered for sale next year.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Arrangements are now being completed in this county for calling a special bond election for \$1,400,000. The bonds will be issued as follows:

\$500,000 or more to build 240 miles of good roads in Santa Barbara County.

\$250,000 to build bridges for the highway system, including \$50,000 for the La Cuesta bridge.

\$100,000 for a new county hospital.

\$15,000 for a new detention home.

It is thought that an election date will be set within ten days when the matter will come up before the people for a decision.

NEWCASTLE, PLACER CO., CAL.—At a special election held at Newcastle bonds in the sum of \$2,500 carried by a large majority. Although the voting was light, not a vote was cast against the proposition. Sixty-nine votes were cast in all.

The bonds will allow the town to proceed with the completion of its sewer system.

WOODLAND, YOLO CO., CAL.—The County Treasurer of Yolo County will sell 200 bonds of Reclamation District No. 360, with accrued interest, on December 24th. The bonds are in denominations of \$1,000 each and bear interest at the rate of 6 per cent per annum, payable semi-annually. Roy E. Cole is the County Treasurer.

FAIR OAKS, SACRAMENTO CO., CAL.—Negotiations are now under way for the sale of \$35,000 worth of school bonds to be used in the purchase of a site and the erection of a new school building. The site for the building is now being considered.

MARYSVILLE, YUBA CO., CAL.—A bond election for the purpose of raising funds of \$30,000 with which to beautify the appearance of Ellis Lake will soon be called by the officials of Marysville. It is the intention of the officials to beautify the appearance of the lake by grading and filling the streets surrounding and extending sewers.

ANDERSON, SHASTA CO., CAL.—A special bond election will be called during January or February of next year by the Anderson Cottonwood Irrigation District for the purpose of voting bonds in the sum of \$450,000 with which to raise funds for a large irrigation project for which plans have already been prepared. H. H. Henderson, Engineer-in-Chief of the district, has submitted plans for the work to the Board of Directors of the district, who will approve and set a date for an election.

CORNING, TEHAMA CO., CAL.—Bonds in the sum of \$70,000 will be voted here next spring according to word received. The calling of the election to vote this sum is for the raising of the necessary funds for the extension of the sewer system. The election will be held on January 13th, according to an ordinance passed to print.

CHATSWORTH SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Bonds in the sum of \$34,000 for the erection of a new school building have been voted at an election held in the Chatsworth School District on December 8th. The trustees of the district will advertise for plans for the new building.

CIENAGA SCHOOL DISTRICT, LOS ANGELES CO., CAL.—The Supervisors will receive bids up to 2 p. m. December 28th, for the purchase of bonds in the sum of \$85,000. H. J. Leland is the County Clerk.

HAWTHORNE SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Bids will be received by the Supervisors for the purchase of bonds in the sum of \$45,000 on December 28th. The proceeds of the sale will be used in the construction of a new school building.

MORNINGSIDES SCHOOL DISTRICT, LOS ANGELES CO., CAL.—Sealed proposals will be received by the Board of Supervisors for the purchase of \$55,000 in bonds on December 28th. The proceeds of the sale will go towards the erection of a school building for the district.

VACAVILLE, SOLANO CO., CAL.—The election held to decide the proposition to bond the town for \$100 for street improvements, carried.

The proposed street improvements had been divided into two propositions, the first provided for the improvement of Main street and the route of the State Highway through the town, calling for \$12,000, the other including the balance of Main street and the grading of most of the residence streets calling for \$48,000.

MODESTO, STANISLAUS CO., CAL.—A bid of \$520,010 for the \$485,000 worth of bonds unsold from the recent issue of \$600,000 by the Modesto Irrigation district was accepted yesterday by the directors of the district. The bid was submitted by E. N. Pearson, Jr., associated with E. H. Rollins & Sons of San Francisco. The price accepted is 30 1/2 cents on the dollar, which the directors considered advantageous, in view of the condition of the money market at this time. Pay-

ments, according to the bid, will be made as follows: February 15, 1915, \$50,000, and \$50,000 on the 15th of each month for the six months following.

This issue of bonds, amounting to \$610,000, was voted by the irrigators less than a year ago, the money being necessary for the permanent improvement of the upper works of the system.

PORTLAND, ORE.—Bids have been received by C. A. Bigelow, Commissioner of Finance, for the purchase of \$150,000 improvement bonds to bear interest at the rate of 6 per cent, payable semi-annually.

Bids were also received by Bigelow for another block of \$185,000 general improvement bonds in denominations not to exceed \$500. All bids are now being considered.

SODA SPRINGS, IDAHO.—A special election has been called for December 28th to vote on the issuance of \$15,000 bonds for the installation of a municipal lighting plant. J. F. Woodhall is chairman of the Town Board.

SEATTLE, WASH.—A conservative estimate of the County Engineer's office for new road and bridge improvements for King County is given as about \$1,000,000.

Bonds in this amount to provide for the work will be sold shortly after the first of the year, according to a resolution passed at a recent meeting of the Commissioners.

BAKER, ORE.—An election will be held in this city in the near future for the purpose of voting bonds in the sum of \$180,000, the proceeds of which are to be used in the construction of a municipal lighting plant.

Plans for the plant have already been designed by L. R. Stockman of Baker, but a question now prevails as to whether the people want such a modern plant. J. L. Stannard, consulting engineer in the Henry Building at Portland, has been directed to report on the matter.

BRIDGES AND DAMS.

RED BLUFF, TEHAMA CO., CAL.—Bridges, steel, concrete and timber. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama and Shasta Counties. Plans and specifications for all the bridges along the highway from Red Bluff to the Shasta County line have been adopted by the Supervisors. The plans will be forwarded to the engineer of the State Highway Commission and on approval bids will be taken.

SAN FRANCISCO—Pier construction, timber, creosoted piles. Cost not stated. Engineer, Assistant Engineer Newman, Ferry Bldg., S. F. Owners, State of California. At the Thursday meeting of the State Board of Harbor Commissioners a resolution was passed authorizing the secretary to call for bids for the construction of Pier No. 24, to be erected at the old Harrison street site. The resolution was sent to the State Board of Control, who will place the official advertisement within a few days. The pier will be of a similar type of construction to those recently built, and will be of timber piles treated with creosote. A shed and spur track will be built.

PACIFIC COAST RIVERS AND HARBORS—Annual appropriation, \$34,138,580. The annual Rivers and Harbors Appropriation Bill carrying \$34,138,580 for waterway improvements

throughout the United States has been passed. Among the appropriations for the larger projects were the following:

California—Sacramento and Feather Rivers, \$230,000; Oakland harbor, \$150,000; Humboldt harbor and bay, \$375,000.

Columbia River—Cello Falls to the mouth of the Snake River, \$45,000; The Dalles to Cello Falls, \$80,000; at Cascades, \$10,000; Columbia and Lower Willamette Rivers, below Portland, \$600,000; mouth of the Columbia, \$1,250,000.

Oregon—Coos Bay, \$80,000; Nehalem Bay, \$116,175; Coquille River, \$76,000; Siuslaw River, \$117,500; Snake River, \$20,000; Willamette River above Portland and Yamhill River, \$12,500.

Washington—Gray's Harbor and Chehalis River, \$15,000; waterway, Puget Sound to Lakes Union and Washington, \$5,000; Cowitz and Lewis Rivers, \$22,000; Puget Sound, \$25,000; Skagit River, \$7,000.

Hawaii—Kahului harbor, \$10,000.
RICHMOND, CONTRA COSTA CO., CAL.—Wharf, reinforced concrete. Cost not stated. Engineers, Haviland & Tibbets, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Plans for this work are complete and now out for figures. The wharf will be of reinforced concrete construction, reinforced concrete piles and floor. There will be a steel frame shed with unloading equipment. Plans and specifications can be secured from the office of the engineers. Bids will be opened at p. m. on December 28th.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Bridge, reinforced concrete, \$3,987. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractors, J. P. Williams and W. R. De Viese, Fresno. Contract price, \$3,987.

MERCED, MERCED CO., CAL.—Bridges, timber construction. Cost not given. Engineer, County Surveyor, Merced. Owners, Merced County. Contractor, W. K. Widenman, Merced, one bridge, \$1,391, and L. F. Pate, Merced, three bridges, \$1,124, \$221 and \$279.

VENTURA, VENTURA CO., CAL.—Bridge, reinforced concrete, \$2,052. Engineer, County Surveyor, Ventura. Owners, Ventura County. Contractor, Andrew Holloway, Pasadena. Contract price, \$3,052.

FORT BAKER, CAL.—Wharf repairs, \$1,515. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractor, O. J. Granfield, S. F. Contract price, \$1,515.

COURT HOUSES.

SAN FRANCISCO—City Hall sheet work, \$36,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for the sheet metal work on the dome of the new City Hall show the Porderer Cornice Works low at \$36,687. Only one other bid was received.

Contracts Awarded.

RED BLUFF, TEHAMA CO., CAL.—Metal furniture, \$4,645. Architect, none. Owners, Tehama County. Contractors, M. G. West Co., S. F. Contract price \$4,645. Note: This contract covers only the metal furniture in the Auditor's and County Clerk's offices.

Factories and Warehouses.

SAN FRANCISCO—Bakery, 2 1/2 story and base. Class C construction, \$100,000. Architect, D. C. Coleman. Owners, National Bank Bldg., S. F. Owners, Langdorfer Baking Co. building will be erected on McAll street, covering a considerable area. Special ovens and machinery will be installed. The front portion of the building will be arranged for a tail store and will be finished in brick. Exterior will be faced with pressed brick. Plans are being prepared. Work will proceed as soon as materials are available.

SAN FRANCISCO—Wagon rooms storage space, 2 story and base, \$16,000. Architect, Theo. W. Lewis. Owners, Langdorfer Bldg., S. F. Old Homestead Bakery. This building will be erected on the west side of Shotwell street north of 18th on property adjoining the extensive plant of the Old Homestead Co. The ground floor will be used for a wagon room and upper floor for storage purposes. There will be electric work and plumbing. Exterior will be faced with pressed brick. Plans are complete. The work will be done by Day Labor. Materials are now being purchased.

FIREHOUSES AND JAILS

SAN FRANCISCO—Fire house, 2 story and base. Class C construction, \$35,000. Architect, City Department. Architecture, Temporary City Hall. Owners, City and County of San Francisco. The building will be erected on the north side of Post street of Polk, and will be designed for engine company, one truck company, and chemical apparatus. Upper floor will be arranged for living quarters for the crew. Interior will be finished in pine. There will be steam heat, special plumbing and electric work. Exterior of the building will be finished with pressed brick and terra cotta. Plans are now being prepared.

FLATS.

FRESNO, FRESNO CO., CAL.—2 story and base, frame, \$5,500. Architects, Bowen & Davis, Fresno. Owner, George Lightower. The building has been designed to contain two of six rooms each. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be in the living and dining rooms. There will be open fire places and tile brick mantels. Bath rooms will have tile floors and wainscot. Exterior of the building will be covered with cement plaster on metal lath. Plans complete and figures will be called for.

SAN FRANCISCO—Flats, 2 story base, frame, \$5,000. Architect, none. Owners, Conservative Building and Investment Co., Phelan Bldg., S. F. building will be erected on the north side of Clement street west of avenue, having a frontage of 25 feet and a depth of 69 feet. There will be two modern flats of five and six rooms. Interiors will be finished in pine, redwood with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have wainscot. Exterior of the building will be covered with rustic and cement.

plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by lay labor.

GOVERNMENT WORK & SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns.

Buzemann, Mont., Construction, January

Sound Construction and Engineering Co., Seattle, Wash.

Thomas J. Brady, Jr., & Co., 1170 Broadway, New York City.

Leigland, Kleppe & Co., Great Falls, Mont.

J. L. Murphy & Sons, Charleston, Wash.

Hiram-Lloyd Building and Construction Co., 404 Odd Fellows' Building, St. Louis, Mo.

Bryan, Tex., Construction, December

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

J. F. McKnight, Hallettsville, Tex.

R. Williamson & Co., Washington and Jefferson streets, Chicago, Ill.

George A. Shaul, Seneca, Kans.

A. C. Kreipke, El Reno, Okla.

La Junta, Colo., Construction, January

George A. Shaul, Seneca, Kans.

George W. Stiles Construction Co., the Rookery Building, Chicago, Ill.

Dieter & Kenzel Construction Co., Wichita, Kans.

Daniel T. McCarthy, 411 Walnut street, Philadelphia, Pa.

J. H. Wiese, City National Bank Building, Omaha, Neb.

Frank H. Latimer & Son, 612 Massachusetts Building, Kansas City, Mo.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

R. S. MacMillen, Box 27, San Francisco, Cal.

Hiram-Lloyd Building and Construction Co., 404 Odd Fellows' Building, St. Louis, Mo.

Westchester Engineering Co., 6 Grand street, White Plains, N. Y.

Higline Canal, Utah.

The Secretary of the Interior has authorized the Reclamation Service to execute the following contracts for construction of the first three divisions of the Higline Canal, Strawberry Valley irrigation project, Utah:

Schedule 1. With Mendenhall, Straw & Bird Construction Co., Springville, Utah, contract price, \$47,465.

Schedule 2. Rydeont & Andrus, of Provo, Utah, contract price, \$25,897.50.

Schedule 3. McArthur Bros., 11 Pine street, New York City, \$37,078.50.

Pearl Harbor, Dry Dock.

The following supplemental agreement has been made with the San Francisco Bridge Co. for the construction and completion of the dry dock at the naval station, Pearl Harbor: The revised plans provide for a flat bottom 132 feet wide and a dock 1,028 feet long. The government agrees to pay in addition to the compensation agreed to be paid on account of original contract, namely, \$1,760,000, as supplemented by agreements increasing said contract price by \$544,000, \$150,643.22, and \$711,842.50, re-

spectively, and by certain change orders increasing the contract price by \$119,070, \$1,826.62, and \$12,303.82, and in the manner of making payments on account thereof the sum of \$1,231,350, making the total compensation as previously agreed and now supplemented \$1,412,113.43. The government agrees to furnish 1,500 cubic yards of coast sand for the work, and the charge of 54 cents in the original specification shall not be applied to piles yet to be driven under the contract as modified. The present total price includes the cost of all piles to be furnished and driven. The time set for completion of the work is June 30, 1918. Both parties to the contract agree in consideration of the signing of same to waive all previous claims. It is further agreed that in consideration of the present payment to the contractor of the 10 per cent previously retained out of the contractor's earnings, viz, \$115,117.73, the contractor will furnish a bond in the sum of \$15,000 conditioned on the full and faithful performance of every obligation imposed by the present contract and supplemental agreement.

Seattle, Wash., Mezzanine Floor.

The contract for constructing a mezzanine floor in the work room at the U. S. post office (old) has been awarded to Sieg Johnson at \$265; add \$69 for conduit and wiring; add for lighting fixtures, etc., \$15; total, \$350.

Brigham City, Utah, Post Office.

In addition to the fixtures previously named, the following fixtures and material have been approved for use in connection with the construction of the U. S. post office at Brigham City, Utah: Lighting fixtures, Capitol Electric Co.; canopy switches, Cutler-Hammer Mfg. Co.; pendant switches, General Electric Co.; keyless sockets, General Electric Co.; reflectors, Holophone Co.; glassware, Macbeth-Evans Glass Co.; special glassware, Holophone Co.

Gate Hoisting Equipment.

The following bids were received by the reclamation service for gate-hoisting equipment for sluice gates at the new Jackson Lake enlargement project:

Dilts Machine Works, Fulton, N. Y., \$4,612.89; at Fulton: 75 days.

Poole Engine and Machine Co., Woodberry, Baltimore, Md., \$4,737.80; at Baltimore: 100 days.

Hinman Hyd. Manufacturing Co., Denver, Colo., \$3,496.26; at Denver: 60 days.

Midland Bridge Co., Kansas City, Mo., \$9,722; at Kansas City: 120 days.

Caldwell-Wilcox Co., Newburgh, N. Y., \$3,573.70; at Newburgh: 60 days.

Minnesota Steel and Machine Co., Minneapolis, Minn., \$3,195; at Minneapolis: 45 days.

United Iron Works, Oakland, Cal., \$4,859; at Oakland: 60 days.

J. & J. B. Milholland Co., 714 5th avenue, Pittsburgh, Pa., \$3,927; at Pittsburgh: 75 days.

Wright Manufacturing Co., Lisbon, Ohio, \$3,219.50, at Lisbon: 90 days.

Thomas Walker Manufacturing Co., 2156 15th street, Denver, Colo., \$5,003.90, at Denver: 60 days.

Rosedale Foundry and Machine Co., Pittsburgh, Pa., \$3,770.70, at Pittsburgh, Pa.: 100 days.

S. Morgan-Smith Co., York, Pa., \$6,796; at York: 90 days.

Coffin Valve Co., Depew, Mass., \$3,479.60, at Depew: 150 days.

Whiting Lumber Equipment Co., Harvey, Ill., \$1,111.90, at Harvey: 30 days.

Hoisting Machine Co., 10 Church street, New York City, \$1,038.40, at Christchurch, Pa.: 30 days.

American Hoist and Duffel Co., St. Paul, Minn., \$1,112.20, at St. Paul: 75 days.

Stacey Schmidt Manufacturing Co., York, Pa., \$4,256.64, at York: 80 days.

Hesse Martin Iron Works, 15 7th and Belmont streets, Portland, Ore., \$4,518, at Portland: 70 days.

McMyler Interstate Co., Bedford, N. J., \$1,642, at Bedford: 60 days.

All the above bids were received under schedule No. 1. The following were received under schedule No. 2.

Minnesota Steel and Machinery Co., Minneapolis, Minn., \$1,000, will not accept this schedule without schedule No. 1.

United Iron Works, Oakland, Cal., \$2,450, 75 days.

Denver, Colo., Mechanical Equipment.

In the mechanical equipment of the new post office building at Denver, Colo., for which the Chris Irving Plumbing and Heating Co. has the contract, damper regulators manufactured by Klees & Mueller will be used in lieu of regulator previously named.

Induction Motor.

Abstract of bids received under advertisement No. 263, U. S. Reclamation Service, Mindoka project, Idaho, for one 10-h. p., 220-volt, 3-phase, 60-cycle induction motor, 1,200 r. p. m., opened at Los Angeles November 27.

Allis-Chalmers Mfg. Co., Los Angeles, Cal., \$153, at East Norwood, Ohio, 1 day, or motor in stock, Portland, Ore., \$169.

Fairbanks-Morse Co., Los Angeles, Cal., \$154, at Indianapolis Ind., 5 days, or motor in stock, Los Angeles, Cal., \$171.

U. S. Electrical Mfg. Co., Los Angeles, Cal., \$163.50, at Los Angeles, Cal., 1 day.

General Electric Co., Los Angeles, Cal., \$162, at Schenectady N. Y., 3 days.

Westinghouse Electric Mfg. Co., Los Angeles, Cal., \$179, at East Pittsburgh, 5 days.

Crocker-Wheeler Co., Los Angeles, Cal., \$188.40, at San Francisco, 10 days.

Wagner Electric Mfg. Co., St. Louis, Mo., \$188, at St. Louis, Mo., 35 days.

Discharge Pipe.

Abstract of bids received under advertisement No. 267, U. S. Reclamation Service, Salt River project, for discharge pipe, McQueen well, opened at Los Angeles: Cal.

Llewellyn Iron Works, Los Angeles, Cal., \$62.50, Los Angeles, Cal., 10 days.

Lacy Mfg. Co., Los Angeles, Cal., \$66.79, Los Angeles, Cal., 8 days.

Western Pipes and Steel Co., California, Los Angeles, Cal., \$70, at Los Angeles, Cal., 3 days.

Baker Iron Works, Los Angeles, Cal., \$77.50, Los Angeles, Cal., 1 day.

American Steel Pipe and Tank Co., Los Angeles, Cal., \$90, Los Angeles, Cal., 48 hours.

Goat Island, Depot, Crossed Pipes.

The following bids were received by the light house inspector 18th district, San Francisco, Cal., for furnishing 35

creosoted piles for Goat Island light-house depot:

Healy-Tibbitts Construction Co., San Francisco, Cal., \$656.40.
Loop Lumber Co., San Francisco, Cal., \$545.40.

Pacific Creosoting Co., San Francisco, Cal., \$545.40; accepted.

Puget Sound Wood Preserving Co., San Francisco, Cal., \$604.

Mare Island, Cal., Refrigerating Plant.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for a refrigerating plant for the marine barracks reservation, Mare Island, Cal.:

Item 1, cancelled; 2, cancelled; 3, deduct for substituting a type of insulation as clearly described and guaranteed in the proposal in lieu of the cork board insulation specified; 4, price for omitting all labor, except services of the expert mechanic to superintend the installation and conduct preliminary operations and tests; 5, price for ice-making and refrigerating plant, complete, in accordance with plan and specifications as supplemented by supplement No. 1; 6, price for ice making and refrigerating plant, complete, conforming to the intent of the specifications, but with such modifications of detail as is clearly defined.

The Creamery Package Mfg. Co., Chicago, Ill., item 6, \$4,621.

The Baker Ice Machine Co., Omaha, Neb., item 6, \$4,150.

The York-California Construction Co., San Francisco, Cal., second proposal, item 6, \$4,110; first proposal, item 2, \$3,755.

The United Iron Works, Oakland, Cal., item 6, \$4,725; 3, \$178; 4, \$4,608.

The Vilter Mfg. Co., Milwaukee, Wis., second proposal, item 5, \$3,490; first proposal, item 1, \$3,170; 3, \$160; 4, \$100.

Western Butchers' Supply Co., San Francisco, Cal., second proposal, item 6, \$3,900; alternate, \$3,830, for belt drive; first proposal, item 2, \$3,466.50; alternate \$3,400, for belt drive.

Kroeschell Bros. Ice Machine Co., Chicago, Ill., second proposal, item 2, \$4,760; first proposal, item 6, \$5,046.

Gay & Sons, San Francisco, Cal.; this bid was mailed to the navy yard, Mare Island, Cal., through error.

San Francisco, Cal., Subtreasury.

As previously reported, the contract for the installation of lighting fixtures in the U. S. Subtreasury, San Francisco, Cal., was awarded to the Sterling Bronze Co., New York City, at \$7,670. In the prosecution of the work fixtures manufactured by the following firms will be used: Lighting fixtures, Sterling Bronze Co.; canopy switches, Cutler-Hammer Mfg. Co.; key sockets, Arrow; keyless sockets, Weber; reflectors, Holophone Co.

SAN FRANCISCO.—Store house, 1 story and base, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. This building will be erected at Fort Winfield Scott and has been designed for a store house to be used by the California Coast Defense Militia. The building will cover an area of 30 by 60 feet. Interior will be finished in pine. Plans provide for modern plumbing and electric work, including fixtures. Exterior will be faced with cement plaster. A slate roof is specified. Plans are complete

and figures are being taken. Bids will be opened on December 30th at 11 a. m.

HOSPITALS.

SAN FRANCISCO.—Female ward, 2 story and base, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. This building will be in the nature of an addition to the Letterman General Hospital at the Presidio. This is the second similar structure to be erected. The building will be 32 by 80 feet and will contain 24 rooms with 15 baths. Interior will be finished in birch and hardwood floors. Bath rooms will have tile floors and wainscot. There will be steam heat from the central plant. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now nearly complete and figures will be called for shortly.

SAN FRANCISCO.—Operating pavilion, 2 story and base, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. The building will be erected at the Letterman General Hospital, covering an area of 28 feet by 80 feet. Interior will be finished in tile and white enamel. Tile floors will be used throughout. Special sanitary doors without panels will be used. A large amount of special operating room plumbing fixtures are required. Steam heat will be supplied from the central plant. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are nearly complete and figures will be called for shortly.

BERKELEY, ALAMEDA CO., CAL.—Hospital cooling store rooms. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for furnishing and installing cooling equipment and constructing cooling rooms in the kitchen of the California Institution for the Deaf and Blind. Bids are now being taken on the work. Plans and specifications can be secured from the office of the State Architect. Bids will be opened on January 20th. An official proposal appears in another column of this issue.

FRESNO, FRESNO CO., CAL.—Receiving hospital and garage, 1 story, frame. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council is considering plans prepared by the City Engineer for the new receiving hospital and municipal garage to be erected at the rear of the City Hall.

HOTELS.

SAN FRANCISCO.—Hotel, 3 story and base, frame, \$15,000. Architect, Charles C. Frye, 20 Montgomery street, S. P. Owner's name withheld. The building will be erected south of Market street and will cover an area of 30 by 69 feet. There will be a total of 43 guest rooms and twelve baths. Interior will be finished in pine and redwood. Plans provide for steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Hotel and store, 7 story and base, brick and steel, \$108,000. Architect, William Wilde, 1725 Broadway, Oakland. Owner, O. J. Meade. The building will be erected at the southeast corner of Tenth and Clay streets and has been designed for several stores on the first floor besides the hotel office and lobby. Upper floors will contain 104 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood with some ornamental plaster in the office and lobby. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. A tile floor will be used in the lobby. Marble wainscot and bases are specified. Patent store fronts will also be used. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Leonard L. Jones & Co., Central Bldg., L. A. Owner, John Thomas. The building will be erected at the southeast corner of Seventh and Gladys streets, and will cover an area of 52 by 109 feet. There will be three stores besides the hotel entrance and lobby on the ground floor. Upper floors will be arranged for a total of 82 rooms and 20 baths. Interior finish will be largely of pine with some oak in the lobby. There will be steam heat, a hot water system, vacuum cleaning and elevator service. Bath rooms will be finished in tile with composition floors. Patent store fronts will be used. Exterior of the building will be faced with ruffled brick with white stone trimming. Plans are complete and subfigures are being taken.

NORTH BEND, ORE.—Hotel, 4 story and base, brick and steel, \$125,000. Architect, J. E. Tourtellotte, Rothchild Bldg., Portland. Owners, North Bend Hotel Co. The building will cover an area of 96 by 120 feet. There will be a number of stores on the first floor, the main dining room, office and lobby. Basement will be arranged for a billiard room and cafe. Upper floors will contain in the neighborhood of 80 guest rooms, all of which will have private baths. Interior finish will be of pine throughout. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

LIBRARIES.

BAKERSFIELD, KERN CO., CAL.—Library lighting fixtures. Cost not stated. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. Plans have been completed for furnishing and installing the lighting fixtures in the new Bakersfield Library. The system will be what is known as the indirect or semi-indirect lighting system. Plans and specifications can be secured from the Building Inspector, Bakersfield. Bids will be opened on December 23rd.

Contracts Awarded.

VACAVILLE, SOLANO CO., CAL.—Library, 1 story and base, reinforced

concrete, \$11,000. Architect, L. M. Turton, Napa. Owners, City of Vacaville. Contractor, George H. Sharpe, Vacaville. Contract price, \$11,000, approximate.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Foreign exhibit palace, frame and plaster. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, French Government. The French Government has notified the Panama-Pacific International Exposition that an architect has already left Paris for San Francisco to complete the details for the building to be erected at the 1915 Exposition by France. Working drawings have already been completed and actual construction will be started as soon as the architect arrives. The French building will be a reproduction of the Legion of Honor Building in Paris and plans have been prepared by the Division of Works of the Exposition Company, acting on advice cabled from the French Government. A full description of the building together with many details of the construction were cabled from Paris at a cost of \$2,500.

SAN FRANCISCO—Filtration plant and pumping system. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for a filtration system and pumping plant to be installed at the Exposition grounds are complete. This plant will be used in connection with the auxiliary water system. Bids are now being taken and will be opened by the Buildings and Grounds Committee on December 24th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Comfort stations, 1 story, frame. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for constructing three comfort stations in the Exposition grounds have been completed. Bids are being taken and will be opened by the Buildings and Grounds Committee on December 24th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO—Van Ness avenue entrance, frame and plaster. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened by the Buildings and Grounds Committee on December 24th for constructing the Van Ness Avenue Entrance for the Exposition. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

Contracts Awarded

SAN FRANCISCO—State Exhibit building, 1 story and base, frame and plaster, \$14,000. Architect's name not given. Owners, State of Mississippi. Contractors, Strehlow, Freese & Petersen, S. F. Contract price, \$14,000.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SPOKANE, WASH.—Roundhouse, shops, etc., reinforced concrete construction, \$30,000. Engineer, Engineering Department, O. W. R. & N. Co., Wells Fargo Bldg., Portland, Ore. Owners, Oregon-Washington Railroad and Navigation Co. Plans have been completed by the Engineering Department of the O. W. R. & N. Co., for the construction of a group of buildings which has already been started in Spokane. The estimated cost of the improvements is placed at \$150,000. There will be a group of five structures to be built, which will include a roundhouse to have eleven stalls; a machine shop, which will be 80 by 100 feet in dimensions, a smaller building and a coaling station to have a capacity of 150 tons. All the buildings will be of brick construction with the exception of the power house, this will be of reinforced concrete construction.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The dwelling will be erected in Forest Hill and has been designed for an eight-room house with two baths and sleeping porch. A private garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood, hardwood and some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,000. Architect, none. Owners, Metropolis Investment Co., 333 Kearny street, S. F. The dwelling will be erected on the west side of 26th avenue north of Lake street. A garage will also be erected on the property. The house will contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 2, 2 story, attic and base, frame, \$10,000 to \$15,000. Architect, Charles J. Roussseau, Monadnock Bldg., S. F. Owner, Matthew A. Little. These high class dwellings are to be erected on lots having thirty foot frontages located on the west side of Broderick street. Matthew Little is the owner of the property to be improved. Each house will contain ten rooms, two baths and sleeping porches. The main floors will be finished in blue stain, while the upper floor will be finished in white enamel. Hardwood floors will be used

throughout. Bath rooms will have tile floors and marble and will be equipped with complete shower, tub and toilet. Windows will be double hung and the other two by turn-out shutters. There will be open fire places and tile brick and marble mantels. Outside the main doorway there will be a small side stair from the basement to the attic. In the basement will be found male, female, quarters, storage, wine cellar, kitchen and furnace room. The main floor will contain a large living room, dining room, reception hall, cloak room, butler's pantry and kitchen. The second floor will be arranged for the main bed room and three other bed rooms. The attic will be arranged for a large billiard room and servants' rooms. Opening off the billiard room will be a pergola. Exterior will be covered with cement plaster on metal lath. One exterior will be designed in the French Renaissance style, one in the Spanish and the third in the classic style. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, J. M. Peters, 1010 Balboa street, S. F. The dwelling will be erected on the west side of 16th avenue north of Clement street and has been designed for a seven room house with bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with rustle and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 1 story and base, frame, \$2,000. Architect, none. Owners, Oscar Heyman & Bro., 712 Market street, S. F. The dwelling will be erected on the west side of 40th avenue south of Cabrillo and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living room. Mantel will be of brick. Some tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustle and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$4,000 each. Architect, none. Owner, H. P. and J. D. Allen, 28 Sutter street, S. F. The houses will be erected on 9th avenue north of Mission and 9th avenue south of Lawton. Each house will contain seven rooms and bath. Interior will be finished in pine, redwood and some elm panes. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room. Mantel will be of brick. Some tile wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustle and shingles. Plans are complete and in the hands of the owners who will do the

work by Day Labor. Materials are now being purchased.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Mrs. S. J. Hawley. The dwelling has been designed for a ten-room house with three baths and will be erected in North Berkeley. Interior will be finished in pine, redwood and hardwood with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. Hard floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Mr. Dutra. The dwelling will be erected on Spruce street and has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly.

OAKLAND, CAL.—Residences, 3, 1 story and base, frame, \$2,500 each. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brash. These houses have been designed to contain five and six rooms with bath and will be erected in the Thousand Oaks Tract. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior will be covered with cement plaster on metal lath. Plans are being prepared and when complete will be turned over to the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. H. Gastman. The dwelling has been designed for a seven-room house, and will be erected on Euclid avenue. Interior will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, C. S. Rhea, 74 East San Antonio street, San Jose. The dwelling has been designed for a five-room house and will be erected on Seventh street near Keys. Interior will be finished in pine and

redwood. There will be some hardwood floors. An open fire place and tile or brick mantel will be used. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mrs. W. M. Donahue. The dwelling will be erected on the east side of 32nd avenue north of California street and has been designed for an eight-room house with two baths. Interior finish will be of pine, redwood and hardwood with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, J. S. Purcell, 856 Presidio avenue, S. F. These two houses will be erected on the west side of 18th avenue south of Anza, and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places in the living rooms. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchens. Exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, \$2,500. Architect, none. Owner, W. D. McKoy, 3029 E street, Sacramento. The dwelling will be erected on 30th street, and has been designed for a five-room house with bath. Interior will be finished in pine and redwood. Some oak floors will be used. There will be an open fire place and tile or brick mantel. Bath room and kitchen will have tile wainscot. Exterior of the house will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are being purchased.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$50,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Henry D. Lombard. The dwelling has been designed for a fourteen-room house with five baths, sleeping porch and conservatory. A garage will also be erected on the property. Interior of the dwelling will be finished in pine and hardwoods with some white enamel. Hardwood floors will be used in the principal rooms. There will be a central heating system, vacuum cleaning, hot water supply and open fire places. Mantels will be of tile and marble. All bath rooms will be finished in tile and equipped with needle showers. Exterior of the dwelling will be covered with cement plaster in imitation of cut stone. Plans are now being prepared.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, C. F. Skillings, Garland Bldg., L. A. Owner, W. D. Poote. The dwelling has been designed to contain twelve rooms and three baths. Interior will be finished in hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. There will be a vacuum cleaning system and an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$18,000. Architect, Charles Gordon, Los Angeles Investment Bldg., L. A. Owner, F. W. Blanchard. The dwelling will be erected in Oak Crest Heights and has been designed for a ten-room house with two baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will have tile wainscot and floors and will be equipped with needle showers. There will be a vacuum cleaning system and automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 1 story and base, frame, \$1,500. Architect, none. Owner, T. L. Sharnan, 1454 Shafter avenue, S. F. The dwelling will be erected on the north side of Shafter avenue west of Jennings, and has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residences, 2, 1 story and base, frame, \$2,500 each. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Tremple. These dwellings will be erected in Boulevard Park and each has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath rooms. Exterior will be covered with rustic and cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor. Materials are being purchased.

Contracts Awarded

SHERMAN, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile, \$35,000. Architect, Irving J. Gill, 913 South Figueroa street, L. A. Owner, W. L. Dodge, 551 Kinsley Drive, L. A. Contractors, Concrete Building and Investment Co., 913 South Figueroa street, L. A. Contract price, \$35,000.

SCHOOLS.

OAKLAND, CAL.—School, 1 and 3 story and base. Class A construction. Cost not stated. Architect, J. J. Don-

nvan, Security Bldg., Oakland, owners, City of Oakland. This building will be known as the Clawson School, and when complete will be one of the most modern school structures in Oakland. The main portion of the building will be three stories high while two one-story wings will extend from each end of the main building. The central portion will contain eighteen class rooms, principal's offices, teachers' rooms, assembly hall and library. One wing will be devoted to the domestic science department, in connection with which will be operated a kindergarten, while the other wing will be given over to a cafeteria, kitchen, teachers' lunch rooms and storage rooms. Construction will be fireproof throughout with a complete steel frame, reinforced concrete walls and stairways. Plans include modern school plumbing, electric work, program clocks, steam heat, vacuum cleaning and patent panic doors. Exterior will be faced with buff tapestry brick. Plans have been completed and have received official approval. Bids will be called for shortly. Further mention will be made of the work.

PALO ALTO, SANTA CLARA CO., CAL.—School, 1 and 2 story and base, reinforced concrete, \$100,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Palo Alto School District. The building will contain fourteen class rooms, departments of domestic science, manual training, offices of the principal and a large assembly hall. Interior will be finished in pine with maple floors in the class rooms. There will be a central heating system, probably steam heat with a complete oil burning system. Vacuum cleaning, program clocks and slate blackboards will be used. Exterior of the building will be faced with cement plaster. Working drawings are being prepared and figures will be called for as soon as a bond issue has been sold.

DIXON, SOLANO CO., CAL.—School, 2 story and base, brick and steel, \$60,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Dixon Union High School District. The building will contain twelve class rooms, domestic science and manual training departments, and an assembly hall. Floors and stairways will be of reinforced concrete. Interior will be finished in pine. Maple floors will be used in the class rooms. Plans provide for steam heat, oil burning equipment, modern school plumbing, vacuum cleaning and program clocks. Exterior will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on January 2nd at 2 p. m. Plans and specifications together with the official proposal can be secured from the architect.

RIO VISTA, SOLANO CO., CAL.—School, 2 story and base, reinforced concrete or brick, \$60,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Rio Vista Union High School District. The building has been designed in the classic style and will contain twelve class rooms with provision for future addition. Interior will be finished in pine with maple floors in the class rooms. Besides the class rooms there will be departments for manual training, domestic science and a large assembly hall. Plans provide for steam heat, oil burning equipment, program clocks and vacuum cleaning. Slate blackboards will be

used. Floors and stairways will be of reinforced concrete. Exterior of the building will be faced with pressed brick or cement plaster. Plans are complete and figures are being taken for both brick and reinforced concrete types of construction. Bids will be opened on January 6th at 3 p. m. Plans and specifications together with official proposals can be secured from the architect.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—School heating system. Cost not stated. Architects, Cones & Traver, Addison Head Bldg., S. F. Owners, City of Fresno. Contractors, S. T. Johnson Oil Burner Co., S. F. Contract price not stated.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete, \$19,097. Architect, F. A. Narmore, Portland. Owners, City of Portland. Contractor, James Winters, Couch Bldg., Portland. Contract price, \$19,097.

SEWERS, STREET WORK & WATER SYSTEMS.

CALIFORNIA—Highway construction. Cost not stated. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened at the last meeting of the State Highway Commission for constructing highways in Orange County, Siskiyou County, Sutter County and Los Angeles County, show the following low men: Orange County—The M. A. Co., Los Angeles, \$35,820.80; Siskiyou County—E. C. Johnson, Portland, Ore., \$90,522.10; Sutter County—C. H. and A. W. Gorrell, San Francisco, \$12,381.10; and Los Angeles County—Lee Moor Construction Co., Los Angeles, \$256,216. A complete list of these figures together with the engineer's estimate and a list of the materials furnished by the state will be found under the heading of San Francisco in this issue.

MARYSVILLE, YUBA CO., CAL.—Sewers, etc., \$30,000. Engineer, City Engineer, Marysville. Owners, City of Marysville. Action is now being taken by the City Council to beautify the appearance of Ellis Lake in this city. It is the intention of the Council to extend sewers, grade and fill several of the streets about the lake. A bond election will be called to raise funds for the work.

ANDERSON, SHASTA CO., CAL.—Irrigation project, \$350,000. Engineer, H. H. Henderson, Anderson. Owners, Anderson-Cottonwood Irrigation District. H. H. Henderson, engineer in chief for the Anderson-Cottonwood Irrigation District, has submitted his general report to the Board of Directors of the district. The district includes 32,000 acres of land. His estimate of cost for constructing the project, which includes all the preliminary expenses, the cost of rights of way and the best type of construction, is \$350,000. The plans call for a canal and tunnel, the latter at the Redding end, where the water is diverted from the river, which will carry 17,000 inches of water, or enough to cover every acre in the district one foot deep every ten days. On the approval of the plans a bond election will be called to raise funds to put the work under construction. It is thought that the election will be called during January of February, next year.

RED BLUFF, TEHAMA CO., CAL.—Septic tank. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. The improvements have ordered plans and specifications prepared for the construction of a septic tank for the cottage at the County Hospital.

VACAVILLE, SOLANO CO., CAL.—Road improvement \$10,000. Engineer, Town Engineer, Vacaville. Owners, Town of Vacaville. Bonds in the amount of \$10,000 have been voted for street improvements and repairs. Work will be started as soon as funds are available.

FRESNO, FRESNO CO., CAL.—Water system for park, \$1,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. Action on the proposed water system for Redding Park has been taken by the Board of Park Commissioners. The commissioners have ordered Park Superintendent W. C. Claybaugh to start work on the installation of a plant to cost \$2,500. A 1½ horsepower pump and piping for the first unit of the extensive system will be bid.

RED BLUFF, TEHAMA CO., CAL.—Road trenching. Cost not stated. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans are complete for trenching the Paynes Creek road near Buckeye. Plans and specifications can be secured from the County Surveyor at Red Bluff. Bids will be opened on January 5th.

FRESNO, FRESNO CO., CAL.—Electrifiers, \$50,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. Members of the City Council and members of special committees of the Merchants' Association have adopted the single light standard and metal post for their electrolite system. The electrolites, which will light the best streets in the city, will be single light standards with either cast iron or copper posts. They will be 12 feet 2 inches tall with nitrogen-filled Mazda lamps of 100-candle power each. The total candle power of five-light electrolites is only 265 and greater current is required. There will be 187 electrolites distributed through the business district, ten to a block. Stanislaus and Mono streets, north and south on Kern the electrolites will extend east to M street, on Tulare street they will extend to the Santa Fe and on Fresno street they will reach to O street.

DUNBAR, TULARE CO., CAL.—Storm water sewer. Cost not stated. Engineer, City Engineer, Dunbar. Owners, City of Dunbar. At a special meeting of the Board of City Trustees, bids were ordered received for the completion of the storm sewer from its present terminal on Tulare street near M and K, a distance of two blocks.

FRESNO, FRESNO CO., CAL.—Park irrigation system. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Plans for a press sure system of irrigation have been completed by W. C. Claybaugh and Bert Franklin, City Engineer and have been presented to the Park Commission for approval. The system will be constructed on 100-acre park on approved lot, will be about 100 ft.

FAIRFIELD, KERN CO., CAL.—Paving, grading and sewerage. Cost not stated. Engineer, County Surveyor, Fairfield. Owners, Kern County. Plans are complete for paving, grading and sewerage on about 1½ miles of Highway 7, Section 2, of the Kern County highways. Bids are now being

taken and will be opened by the Supervisors on January 9th. Plans and specifications can be secured from the County Clerk at Bakersfield.

Contracts Awarded

SAN FRANCISCO—Electric work, Civic Center Plaza, \$1,529. Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco, Contractors, General Electric Co., S. F. Contract price, \$1,529.

RICHMOND, CONTRA COSTA CO., CAL.—Street paving, Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Bids opened by the City Council for paving Seventh street show the following bidders and their bids:

L. L. Pare	\$11,125
C. W. McMaster	10,339
E. H. Higgins	11,555
John Wood	11,235
Gialbraith & James	10,916
G. W. Cushing	11,218

The awarding of the contract was postponed until the treasurer examines the bonds offered by the bidders.

OREGON CITY, ORE.—Water pipe line, \$297,052. Engineers, Hubert & Rands, Henry Bldg., Portland. Owners, Oregon City. Contractors, Oregon Engineering and Construction Co., Oregon City. Contract price, \$297,052.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story, frame and plaster, \$6,000. Architect, W. L. Schmolle, 166 Geary street, S. F. Owner, E. P. Eagan. The building will be erected on Irving street near 9th avenue and has been designed to contain three stores. It will have a frontage of 47 feet by a depth of 75 feet. Interior will be finished in pine. There will be tile bases and entrances. Exterior of the building will be covered with cement plaster on metal lath. Large plate glass show windows will be installed. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores, 2 story and base, brick and steel, \$20,000. Architects, Reid Bros., California Pacific Bldg., S. F. Owners, Treadwell Realty Co. The building will replace fire damage on the east side of Fillmore street south of Ellis. There will be a number of modern stores on the first floor. Upper floor will be arranged for offices. Interior will be finished in pine. There will be patent store fronts and marble bases. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Market building, 1 story and base, brick. Cost not stated. Architect, O. R. Thayer, 20 Montgomery street, S. F. Owner, Mrs. Rebecca Klinfield. The building will be erected on the east side of Polk street between Washington and Jackson streets. The building will have a frontage of 40 feet and a depth of 120 feet and has been leased for a long term from the plans. The total investment will be about \$36,000. The building will be a one-story and basement brick structure and has been designed for general market purposes. There will be a tile floor over the entire area, tile wainscot on the walls to the height of 5½ feet, special ventilation and special garbage disposal system. The floor will be pitched to drain so that it may be flooded and cleaned daily. Another feature of the building

will be the ladies' rest room, a room 12 by 26 feet in which will be installed a free telephone and other conveniences. Four large skylights will furnish the light. Exterior of the building will be faced with white enameled brick. Plans are nearly complete and figures will be taken shortly.

OAKLAND, CAL.—Stores, theatre and offices, 12 story and base. Class A construction. Cost not stated. Architect, Carl Werner, Phelan Bldg., S. F. Owners, R. F. Fitzgerald, J. F. Carlson, W. H. Hynes et al. The building will be erected at the northeast corner of 11th and Franklin streets, covering a large ground area. Construction will be fireproof with a complete steel frame and exterior walls of brick and concrete. There will be several stores on the first floor besides the main body of the theatre. Upper floors will be arranged for modern offices. Only preliminary plans have been prepared and further mention will be made of the work.

MODESTO, STANISLAUS CO., CAL.—Stores and theatre, 1 story and base, reinforced concrete, \$16,000. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owners represented by G. H. Umbsen Co., S. F. The building will be erected at the corner of 16th and J streets, having a frontage of 100 feet on one street and 110 feet on the other. There will be nine stores besides the theatre. Interior will be finished in pine throughout with some ornamental plaster in the theatre. Patent store fronts and marble bases are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SACRAMENTO, CAL.—Oil distributing stations, 5, 1 story, corrugated iron. Cost not stated. Engineer's name not given. Owners, Shell Oil Co., S. F. The Shell Oil Company will build five distributing stations in this city when permits are granted by the City Commission. The total investment planned by the Shell Company at Sacramento is \$250,000.

LOS ANGELES, CAL.—Stores, offices and theatre, 2 story and base, brick. Cost not stated. Architects, Charles F. Masten and Herold E. Dunn, Van Nuys Bldg., L. A. Owner's name withheld. The building will be erected on West Washington street and will cover a considerable ground area. There will be two stores on the first floor besides a theatre seating 800 people. Upper floor will be arranged for modern offices. Interior finish will be of pine throughout with some ornamental plaster in the theatre. There will be special electric work and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Office addition, 1 story, Class A construction. Cost not stated. Architect, Harlan Thomas, Arcade Bldg., Seattle. Owners, Arcade Building. An addition of one story will be made to the present building. The addition will cover an area of 101 by 192 feet, and will be arranged for club rooms, dining room with complete kitchen equipment, and five offices. Interior finish will be of pine and hardwood. The present elevator service and steam heat will be extended into the new portion. Plans are complete and figures are being taken.

THEATRES.

SAN FRANCISCO—Theatre, 1 story, frame and plaster, \$6,000. Architect, Carl Gillfuss, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the Great Highway near the Ocean Beach. The seating capacity will be 399 people. Interior will be finished in pine with some ornamental plaster. Special electric work and sheet metal work will be required. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Theatre alteration, frame construction, \$3,000. Architect, W. L. Schmolle, 166 Geary street, S. F. Owner, G. Berson. The first floor of the present building located at 1019 Fillmore street will undergo alterations and will be fitted up for a modern picture theatre. The work will require plastering, painting, sheet metal work and electric work. Plans are complete and the work will be done by Day Labor.

CHICO, BUTTE CO., CAL.—Theatre and store, 1 and 2 story, reinforced concrete. Cost not stated. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnen. Latest reports from this city make known the fact that the Turner & Dahnen interests of San Francisco, who control a number of large theatre buildings throughout the state of California, will erect a large theatre building in Chico. The company intends to construct at least twenty buildings for theatrical purposes west of Denver, including Chico.

SEALED PROPOSALS

PROPOSALS FOR BUILDING.

BUILDING—Treasury Department, office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at 3 p. m. on January 22, 1915, for the construction (including the mechanical equipment, interior lighting fixtures and approaches), of a one-story, basement and stone and brick-faced building of 1,630 square feet ground area, fireproof first floor, in and composition proposals for the United States post office at Uvalde, Tex. Drawings and specifications may be obtained from the custodian of the site at Uvalde, Tex., or at this office, in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Montrose, Colo., until 10 o'clock a. m. January 5, 1915, for the construction of the Lower Selig extension canal and laterals, Uncompahgre Valley project, in the vicinity of Olathe and Delta, Colo. The work involves the excavation of about 117,300 cubic yards of material in open cut. For particulars address the United States Reclamation Service, Montrose, Colo., or the Commonwealth Building, Denver, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 884—Proposals for Threaded and Piththreaded Steel Reinforcing Rods and Attachments.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. December 29, 1914, at which time they will be opened in public, for furnishing the above mentioned articles. Bids and general information relating to this circular (No. 884) may be obtained

from this office or the office of the assistant purchasing agent, 1036 North Point Street, San Francisco, Cal. also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 882 Proposals for Iron and Bronze Castings, Wire Cable, Sheet Copper, Manila Rope, Rock Salt, Muric Acid, White Zinc, Red Lead, White Lead, Lined Oil, Blank Books and Paper.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. December 28, 1914, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 882) may be obtained from this office or the office of the assistant purchasing agent, 1036 North Point Street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. P. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 401 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Oakland Harbor, California, will be received at this office until 11 o'clock a. m. December 31, 1914, and then publicly opened in the afternoon at the engineer's office. THOMAS H. REES, Lt. Col. Engineers.

POSTPONE DATE FOR BIDS.

Date of opening of proposals for ward pavilions, naval hospital reservation, Puget Sound, Wash., has been postponed from 11 o'clock a. m. January 2, 1915, to 11 o'clock a. m. January 16, 1915.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9 A. M., Thursday, December 24, 1914, for constructing and pumping system for Auxiliary Water Supply, in accordance with plans and specifications on file in the office of the Director of Works. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidder, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract and the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company. Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9 A. M., Thursday, December 24, 1914, for constructing Public Comfort Stations, Numbers 1, 2 and 3, in accordance with plans and specifications on file in the office of the Director of Works. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidder, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract and the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, at any time after Noon, Friday, December 18, 1914, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 213, in the Service Building, Fillmore and Chestnut Streets, San Francisco, California, at 9 A. M., Thursday, December 24, 1914, for constructing Ana Nava Avenue Entrance, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract and the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Ten Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, California Building, Sacramento, California, at 10 o'clock a. m. on Wednesday, January 28, 1915, and bids thereon and there to be publicly opened and read for furnishing all part materials and labor, and doing the work required for the complete construction and installation of Cold Storage Rooms in Present Kitchen Building, California Institution for the Deaf and Blind, Berkeley, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the entire work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, a Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and indicate in the envelope the "Proposals for Cold Storage Rooms in Present Kitchen Building, California Institution for the Deaf and Blind, Berkeley, California."

(SIGNED) W. F. McCLURE, (*)
State Engineer.

PROPOSALS WANTED FOR ADDITION, REPAIRS AND IMPROVEMENT FOR USE OF SAN FRANCISCO HOSPITAL.

Proposals for furnishing and delivering for use of the San Francisco Hospital, the following: to wit:
X-Ray Apparatus and Accessories
Metal Lockers
Hand Trucks
Kitchen and Rutch Shop Equipment
Bed Linen
Glass Stoppered Prescription Shelf Ware
Tables and other Furniture and Equipment.

Sealed proposals will be received at the Board of Supervisors on December 23, 1914, at 3 p. m.

Proposal blanks furnished on application.
J. S. HUNNING, Clerk.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 23rd day of December, 1914, for the following work, including the furnishing of the necessary labor and materials therefor to wit:

General construction of the Pathological and Garage Building, San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works to which reference is hereby made and must be commenced within five calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and eighty calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$10,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Board of Public Works, in the amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be fur-

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

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nished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids. By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

OFFICE OF THE CLERK OF THE Board of Supervisors, Alameda County, California.—Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until Monday, December 28, 1914, at 10 o'clock A. M. (The day when said bids will be opened and the contract awarded) for the installation of steel roller book shelf cases in the office of the Recorder of Alameda County. Specifications for said work are on file in the office of the County Clerk, subject to inspection of bidders.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to John P. Cook, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

(Seal) JOHN P. COOK,
Clerk of the Board of Supervisors.

PROPOSALS.

BUILDING.—Sealed proposals, endorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock A. M. January 2, 1915, and then there publicly opened for three temporary one-story wooden ward pavilions at the naval hospital reservation, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

CALIFORNIA'S PUBLIC LAND.

California has 20,853,637 acres of public lands, according to the report of the state board of agriculture. The only counties of the state having no vacant lands are Sutter, Santa Cruz, San Mateo, San Francisco, Sacramento and Marin.

The larger part of this area consists of grazing, timber, mineral, mountainous or desert lands. Some of it is very valuable but for agricultural purposes most of it, because of lack of water or transportation or because of its conformation is useless.

MONAZITE SAND CONCESSIONS IN BRAZIL.

United States Ambassador Edwin V. Morgan cables from Rio de Janeiro, Brazil, that the known deposits of monazite sand are already covered by concessions and that there are no opportunities for prospective miners. The sand may be purchased from John Gordon, care of Rio Lighterage Co., Rio de Janeiro, as mentioned in Daily Consular and Trade Report for Sept. 26, 1914.

GREAT AFRICAN LAKE.

Lake Victoria Nyanza, in which the river Nile has its source, measures 230 miles from north to south and 220 from east to west. Its coast line, which is very irregular, is about 2,000 miles. Its water area is estimated at 27,000 square miles, and its islands have an area of some 1,400 square miles.

TRUCE IMPOSSIBLE.

The well meant efforts of the Pope for a Christmas truce have met with their inevitable rebuff. This war is a serious thing and cannot stop for such mere trifles as Christianity and humanity. The Germans may have made a virtue of a bluff in their offer to accept the proposed truce, provided their opponents accepted it also. They knew, of course, of a certainty that these opponents would not and could not accept. There was a time when Popes could propose and get accepted a "truce of God." That time has passed; not because of the lessening of the authority of the Pope—though it must be recognized that this war is being conducted in large part by nations which do not recognize that authority—but because the truce in the very nature of things is impossible. Neither a brief truce for Christmas nor a patched-up peace to terminate the war could now be considered by any of the combatants. They are at each other's throats, fighting to the death. This war will end either when one part of Europe has crushed the other part or when all are in a state of such utter collapse that there is nothing left to crush. A war which has suspended all the ten commandments and reversed the golden rule has not left enough Christianity to stop it even for a week.

AN ALARMING IMPATIENCE.

From The Kansas City Star.—"Impatience with the ordinary process of law" has led both employers and employees to resort to extra legal or even illegal means to gain their ends, declares the preliminary report of the United States Commission on Industrial Relations. This report does not state the conclusions of the commission, but gives the gist of testimony presented at numerous hearings throughout the country.

A general impatience with due process of law is undeniable. It would be surprising if it did not manifest itself in labor affairs and industrial affairs. The commission says that employers showed a distrust of courts whose judges are elective, and that labor asserted its distrust of courts whose judges are appointed for life—the former being invariably state courts and the latter being almost in every case federal tribunals. From the viewpoint

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Management. Chester W. Kelley

of labor, "the flat assertion is made repeatedly that property rights have been put above human rights." On the other hand, "many employers are equally insistent that the law, the police and the courts have ceased to give them a proper measure of protection in their property interests."

In a recent letter to The Star, Judge J. C. Ruppenthal of Kansas says, "Our piecemeal court system, tolerable in primitive society, has grown up in the United States by spasmodic accretions, each of which is largely independent of every other." Judge Ruppenthal writes hopefully and approvingly of the efforts of the American Judicature Society, whose general purpose is "to promote the efficient administration of justice."

The conflicting interests of labor and property undoubtedly go deeper than to questions of court administration. It would not be fair to hold the forms of procedure, jurisdictional conflicts, and even the varying attitudes of courts to economic questions, responsible for the differences in the economic interests of men and groups of men. But these sharp differences do bring into clearer relief the fact that the administration of justice in this country is not up to the mark that it should reach.

Perhaps one chief trouble is that the courts in America are overburdened; that they have assumed to do too much and have "bitten off more than they can chew." Certainly they have assumed to do more in the way of administrative regulation, of controlling lawmaking and of determining public policies than the courts of any other country or time have taken upon themselves.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

FOREIGN EXHIBIT PALACE—Frame and plaster. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, French Government. The French Government has notified the Panama-Pacific International Exposition that an architect has already left Paris for San Francisco to complete the details for the building to be erected at the 1915 Exposition by France. Working drawings have already been completed and actual construction will be started as soon as the architect arrives. The French building will be a reproduction of the Legion of Honor Building in Paris, and plans have been prepared by the Division of Works of the Exposition Company, acting on advice cabled from the French Government. A full description of the building together with many details of the construction were cabled from Paris at a cost of \$2,500.

FILTRATION PLANT AND PUMP-ING SYSTEM—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for a filtration system and pumping plant to be installed at the Exposition Grounds are complete. This plant will be used in connection with the auxiliary water system. Bids are now being taken and will be opened by the Buildings and Grounds Committee on December 24th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

COMFORT STATIONS—1 story, frame. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for constructing three comfort stations in the Exposition Grounds have been completed. Bids are being taken and will be opened by the Buildings and Grounds Committee on December 24th. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. The dwelling will be erected in Forest Hill, and has been designed for an eight-room house with two baths and sleeping porch. A private garage will also be erected on the property. Interior of the dwelling will be finished in pine, redwood, hardwood and some white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on

metal lath. Plans are being prepared.

RESIDENCES—3, 2 story, attic and base, frame, \$10,000 to \$15,000. San Francisco. Architect, Charles J. Rousseau, Monadnock Bldg., S. F. Owner, Matthew A. Little. These high class dwellings, which are to be erected on lots having thirty-foot frontages located on the west side of Broderick street, between Green and Filbert streets. Matthew Little is the owner of the property to be improved. Each house will contain ten rooms, two baths and sleeping porches. The main floors will be finished in blue gum while the upper floors will be finished in white enamel. Hardwood floors will be used throughout. Bath rooms will have tile floors and wainscot and will be equipped with needle shower. One dwelling will be heated by hot water and the other two by furnace heat. There will be open fire places and tile, brick and marble mantels. Besides the main stairway there will be a servants' stairs from the basement to the attic. In the basement will be located male servants' quarters, laundry, wine cellar, garage and furnace room. The main floor will contain a large living room, dining room, reception hall, cloak room, butler's pantry and kitchen. The second floor will be arranged for the main bed room and three other bed rooms. The attic will be arranged for a large billiard room and servants' rooms. Opening off the billiard room will be a pergola. Exteriors will be covered with cement plaster on metal lath. One exterior will be designed in the French Renaissance style, one in the Spanish and the third in the classic style. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,500. San Francisco. Architect, none. Owner, J. M. Peters, 1015 Balboa street, S. F. The dwelling will be erected on the west side of 16th avenue north of Clement street, and has been designed for a seven-room house with bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be both furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will be finished in tile. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—1 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 712 Market street, S. F. The dwelling will be erected on the west side of 10th avenue south of Cabrillo, and has been designed to contain five rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place in the living

room. Mantel will be of brick. The wainscot will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCES—1, 2 story and base, frame, \$4,000 each. San Francisco. Architect, none. Owners, H. B. and L. D. Allen, 125 Sutter street, S. F. These houses will be erected on 9th avenue north of Moraga and 9th avenue south of Lawton. Each house will contain seven rooms and bath. Interiors will be finished in pine, redwood and some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. Furnace heat and open fire places are specified. Mantels will be of tile and brick. There will be automatic water heaters. Bath rooms will have tile floors and wainscot. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owners, Metropolis Investment Co., 333 Kearny street, S. F. The dwelling will be erected on the west side of 26th avenue north of Lake street. A garage will also be erected on the property. The house will contain seven rooms and bath. Interior will be finished in pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile wainscot will be used in the bath room. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—6 story and base, brick and steel. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on the north side of Post street west of Hyde, and has been designed for a high class of tenants. There will be 100 rooms arranged in suites of two and three rooms. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and blue gum. Hardwood floors will be used in the living and dining rooms. There will be a complete steel frame. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Marble and tile wainscot will be used in the entrance vestibule. Exterior of the building will be faced with pressed brick and terra cotta. Plans are nearly complete and segregated figures will be taken at once.

PIER CONSTRUCTION—Timber, crosscut piers. Cost not stated. San Francisco. Engineer, Assistant Engineer Newman, Ferry Bldg., S. F. Owners, State of California. At the Thursday meeting of the State Board of Harbor Commissioners a resolution was passed authorizing the secretary to call for bids for the construction of Pier No. 24, to be erected at the old Harrison street site. The resolution was sent to the State Board of Control, who will place the official advertisement within a few days. The pier will be of a similar type of construction to those recently built, and will be of timber piles treated with creosote. A shed and spur track will be built.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, J. S. Purcell, 356 Presidio avenue, S. F. These two houses will be erected on the west side of 18th avenue south of Anza and each has been designed to contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places in the living rooms. Mantels will be of tile or brick. Tile wainscot will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

CITY HALL SHEET METAL WORK \$36,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, City and County of San Francisco. Bids opened by the Board of Public Works for the sheet metal work on the dome of the new City Hall show the Forrester Cornice Works low at \$26,687. Only one other bid was received.

FIRE HOUSE—2 story and base. Class C construction, \$35,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The building will be erected on the north side of Post street east of Polk, and will be designed for one engine company, one truck company and chemical apparatus. Upper floor will be arranged for living quarters for the crew. Interior will be finished in pine. There will be steam heat and special plumbing and electric work. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

BAKERY—2 story and base. Class C construction, \$30,000. San Francisco. Architect, D. C. Coleman, Merchants' National Bank Bldg., S. F. Owner, Langdoner Baking Co. The building will be erected on McAllister street covering a considerable ground area. Special ovens and machinery will be installed. The front portion of the building will be arranged for a retail store and will be finished in pine. Exterior will be faced with pressed brick. Plans are being prepared and work will proceed as soon as funds are available.

WAGON ROOMS AND STORAGE SPACE—2 story and base, brick, \$16,000. San Francisco. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owners, Old Homestead Bakery. This building will be erected on the west side of Shotwell street north of 19th on property adjoining the extensive plant of the Old Homestead Co.

The ground floor will be used for a wagon room and upper floor for storage purposes. There will be electric work and plumbing. Exterior will be faced with pressed brick. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owners, Conservative Building and Investment Co., Phelan Bldg., S. F. The building will be erected on the north side of Clement street west of 14th avenue, having a frontage of 25 feet and a depth of 69 feet. There will be two modern flats of five and six rooms. Interiors will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

VAN NESS AVENUE ENTRANCE—Frame and plaster. Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened by the Buildings and Grounds Committee on December 24th for constructing the Van Ness Avenue Entrance for the Exposition. Plans and specifications can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

STORE HOUSE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Constructing Quartermaster's office, Fort Mason. Owners, United States Government. This building will be erected at Fort Winfield Scott and has been designed for a store house to be used by the California Coast Defense Militia. The building will cover an area of 30 by 60 feet. Interior will be finished in pine. Plans provide for modern plumbing and electric work, including fixtures. Exterior will be faced with cement plaster. A slate roof is specified. Plans are complete and figures are being taken. Bids will be opened on December 30th at 11 a. m.

HOTEL—3 story and base, frame, \$15,000. San Francisco. Architect, Charles C. Frye, 20 Montgomery street, S. F. Owner's name withheld. The building will be erected south of Market street and will cover an area of 30 by 69 feet. There will be a total of 45 guest rooms and twelve baths. Interior will be finished in pine and redwood. Plans provide for steam heat and a hot water supply. All bath rooms will have tile wainscot and composition floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

FEMALE WARD—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. This building will be in the nature of an addition to the Letterman General Hospital at the Presidio. This is the second similar structure to be erected. The building will be 32 by 80 feet and will contain 24 rooms with 15 baths. Interior will be finished in

birch and hardwood floors. Bath rooms will have tile floors and wainscot. There will be steam heat from the central plant. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are now nearly complete and figures will be called for shortly.

OPERATING PAVILION—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. The building will be erected at the Letterman General Hospital, covering an area of 28 by 80 feet. Interior will be finished in tile and white enamel. Tile floors will be used throughout. Special sanitary doors without panels will be used. A large amount of special operating room plumbing fixtures are required. Steam heat will be supplied from the central plant. Exterior of the building will be faced with cement plaster. A clay tile roof will be used. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—1 story and base, frame, \$1,500. San Francisco. Architect, none. Owner, T. L. Sharnan, 1451 Shafter avenue, S. F. The dwelling will be erected on the north side of Shafter avenue west of Jennings, and has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be an open fire place in the living room. Mantel will be of tile. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STORES—1 story, frame and plaster, \$6,000. San Francisco. Architect, W. L. Schmolle, 166 Geary street, S. F. Owner, E. P. Eagan. The building will be erected on Irving street near 9th avenue, and has been designed to contain three stores. It will have a frontage of 47 feet by a depth of 75 feet. Interior will be finished in pine. There will be tile bases and entrances. Exterior of the building will be covered with cement plaster on metal lath. Large plate glass windows will be installed. Plans are complete and figures are being taken.

STORES—2 story and base, brick and steel, \$20,000. San Francisco. Architects, Reid Bros., California Pacific Bldg., S. F. Owner, Treadwell Realty Co. The building will replace fire damage on the east side of Fillmore street south of Ellis. There will be a number of modern stores on the first floor. Upper floor will be arranged for offices. Interior will be finished in pine. There will be patent store fronts and marble bases. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

MARKET BUILDING—1 story and base, brick. Cost not stated. San Francisco. Architect, O. R. Thayer, 20 Montgomery street, S. F. Owner, Mrs. Rebecca Klined. The building will be erected on the east side of Polk street between Washington and Jackson streets. The building will have a frontage of 40 feet and a depth of 120 feet and has been leased for a long term from the plans. The total investment will be about \$26,000. The building will be a one-story and basement brick structure and has been designed for general market purposes.

There will be a tile floor over the entire area, tile wainscot on the walls to the height of 5 1/2 feet, special ventilation and special garbage disposal system. The floor will be pitched to drain so that it may be flooded and cleaned daily. Another feature of the building will be the ladies' rest room, a room 12 by 26 feet in which will be installed a free telephone and other conveniences. Four large skylights will furnish the light. Exterior of the building will be faced with white enameled brick. Plans are nearly complete and figures will be taken shortly.

THEATRE—1 story and base, frame and plaster, \$6,000. San Francisco. Architect, Carl Geiffuss, 46 Kearny street, S. F. Owner's name withheld. The building will be erected on the Great Highway near the Ocean Beach. The seating capacity will be 399 people. Interior will be finished in pine with some ornamental plaster. Special electric work and sheet metal work will be required. Exterior of the building will be faced with cement plaster on metal lath. Plans are complete and figures are being taken.

THEATRE ALTERATION—Frame construction, \$3,000. San Francisco. Architect, W. L. Schmoller, 166 Geary street, S. F. Owner, G. Berson. The first floor of the present building located at 1049 Fillmore street will undergo alterations and will be fitted up for a modern picture theatre. The work will require plastering, painting, sheet metal work and electric work. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owner, Mrs. W. M. Donahue. The dwelling will be erected on the east side of 32nd avenue north of California street, and has been designed for an eight-room house with two baths. Interior finish will be of pine, redwood and hardwood with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

ANNUAL APPROPRIATION—\$34,138,580. Pacific Coast Rivers and Harbors. The annual Rivers and Harbors Appropriation Bill, carrying \$34,138,580 for waterway improvements throughout the United States has been passed. Among the appropriations for the larger projects were the following: California—Sacramento and Feather Rivers, \$280,000; Oakland harbor, \$150,000; Humboldt harbor and bay, \$375,000.

Oregon—Coos Bay, \$80,000; Nehalem Bay, \$116,175; Coquille River, \$76,000; Siuslaw River, \$117,500; Snake River, \$20,000; Willamette River above Portland and Yamhill River, \$42,500.

Washington—Gray's Harbor and Chehalis River, \$15,000; waterway, Puget Sound to Lakes Union and Washington, \$5,000; Cowlitz and Lewis Rivers, \$22,000; Puget Sound, \$25,000; Skagit River, \$7,000.

Hawaii—Kahului harbor, \$10,000.

Columbia River—Cello Falls to the mouth of the Snake River, \$45,000; The Dalles to Cello Falls, \$80,000; at

Cascades, \$10,000; Columbia and Lower Willamette Rivers, below Portland, \$50,000; mouth of the Columbia, \$150,000.

Contracts Awarded
STATE EXHIBIT BUILDING—3 story and base, frame and plaster, \$11,000. San Francisco. Architect, name not given. Owners, State of Mississippi. Contractors, Stricklow, Freese & Petersen, S. F. Contract price, \$11,000.

ELECTRIC WORK CIVIC CENTER; PLAZA \$1,529. San Francisco. Engineer, City Engineer, Temporary City Hall. Owners, City and County of San Francisco. Contractors, General Electric Co., S. F. Contract price, \$1,529.

WHARF REPAIRS \$1,515. Fort Baker, Cal. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Contractor, O. J. Granfield, S. F. Contract price, \$1,515.

City Bids Opened

Board of Public Works Receives Bids For City Hall Work and For Electric Work in Civic Center.

Bids were opened by the Board of Public Works at the regular Wednesday afternoon meeting for the steel metal work on the dome of the new City Hall and for the electric work in the Civic Center Plaza. Only two bids were received for the City Hall work while seven figures were received for the electric work in the Civic Center Plaza. Following is a complete list of the bids as received:

Sheet Metal Work, Dome of City Hall.
Forderer Corncise Works.....\$36,687
U. S. Metal Products Co.....37,950
Electric Work, Civic Center Plaza.
Newberry Elec. Co.....\$1,950
Standard Elec. Constr. Co.....1,524
H. S. Tittle.....2,303
General Elec. Constr. Co.....1,529
Frank W. Watts.....1,965
Butte Eng. & Elec. Co.....2,289
T. R. Gray.....3,378

Building Contracts Awarded.

San Francisco

No.	Owner	Contractor	Am't.
4118	Winship	Brandt	4696
4119	Concordia	Dyer	45300
4120	Same	Hansen	550
4121	Smith	Ingebrigtsen	9125
4122	Same	Gibbs	672
4123	Same	Cavaglieri	975
4124	Same	Peters	258
4125	Mississippi	Foster	25000
4126	Clough	Conrad	1832
4127	Isaacs	Wright	31550
4128	Sorokin	Pazano	4900
4129	Moody	Larsen	32000
4130	Galland	Macdonald	16200
4131	Castellum	Allen	7000
4132	Allen	Allen	4000
4133	Same	Same	4000
4134	Same	Same	4000
4135	Same	Same	4000
4136	Blanchard	Brown	1000
4137	Tyler	Tyler	4500
4138	Same	Same	4500
4139	Same	Same	4500
4140	Larsen	Larsen	500
4141	Devitt	Dempniak	5000
4142	Old Hm Bky.	Central Inn	6025
4143	Massachusetts	Henderson	6128
4144	Calosso	Montan	6815
4145	Lichenstein	Robinson	870
4246	Began	Pasquelletti	700
4147	Peters	Peters	4500
4148	Himmling	Anderson	500
4149	Nilson	Nilson	430
4150	Heyman	Heyman	1700
4151	Conservative Bldg.	Owner	7600
4152	Donato	Donato	400
4153	Lyon	Janssen	500
4154	Carroll	Novelly	400
4155	P. I. E.	McLean	17071

Contract	Contractor	Am't.
4118	Winship	4696
4119	Concordia	45300
4120	Same	550
4121	Smith	9125
4122	Same	672
4123	Same	975
4124	Same	258
4125	Mississippi	25000
4126	Clough	1832
4127	Isaacs	31550
4128	Sorokin	4900
4129	Moody	32000
4130	Galland	16200
4131	Castellum	7000
4132	Allen	4000
4133	Same	4000
4134	Same	4000
4135	Same	4000
4136	Blanchard	1000
4137	Tyler	4500
4138	Same	4500
4139	Same	4500
4140	Larsen	500
4141	Devitt	5000
4142	Old Hm Bky.	6025
4143	Massachusetts	6128
4144	Calosso	6815
4145	Lichenstein	870
4246	Began	700
4147	Peters	4500
4148	Himmling	500
4149	Nilson	430
4150	Heyman	1700
4151	Conservative Bldg.	7600
4152	Donato	400
4153	Lyon	500
4154	Carroll	400
4155	P. I. E.	17071

ALTERATIONS

4119 SE VAN NESS AVE & 1ST ST
10988 129. Structural steel and iron work for addition to Commercial Bank building.
Owner The Concordia Press
Architect G. Albert Lamborn, 10 Mission, San Francisco.
Contractor Dyer Bros, Golden West Iron Works 17th & Kansas San Francisco.

Filed Dec 14, 14. Dated Dec 5, '14.
1st of each month 5
Usual 35 days, 25% 1099

TOTAL COST \$4496
Bond, none. Limit, no limit on payment.
Forfeit, none. Plans and specifications none.

ADDITION TO CLER BUILDING

4119 SE VAN NESS AVE & 1ST ST
10988 129. Structural steel and iron work for addition to Commercial Bank building.
Owner The Concordia Press
Architect G. Albert Lamborn, 10 Mission, San Francisco.
Contractor Dyer Bros, Golden West Iron Works 17th & Kansas San Francisco.

Filed Dec 14, 14. Dated Dec 5, '14.
1st of each month 5
Usual 35 days, 25% 1099

TOTAL COST \$4496
Bond, \$2500. Surety, W. Witney and J. O'Shea. Limit, 60 days. Forfeit, none. Specifications only filed.

4120 EXCAVATION, FILLING, CON-
crete, brick, terra cotta, carpenter, lathing, plaster, ornamental iron roofing, sheet metal, marble, mosaic tile, terrazzo, glazing, and hardware on above.

Contractor F. L. Hansen, 700 Mission San Francisco.
Filed Dec 14, 14. Dated Dec 5, '14.
Concrete ready for steel \$ 200
Brick work up to 2nd floor 0
Brick work done and roof on 300
Interior scratch coat on 400
Plastering done inside and out 400
Standing finish in place 400
Ready for painter 100
Completed and accepted 0
Usual 35 days 1099

TOTAL COST \$1000
Bond, \$22,500. Surety, Guaranty Co. ally & Guaranty Co. Limit, 60 days after steel work done. Forfeit, none. Plans and specifications only filed.

FRAME APARTMENTS
4121 N CALIF AVE W LORNER
worth W 21 AN & 1st street, framing and interior work, including 1000
Owner H. S. LORNER, 1000
Architect H. S. LORNER, 1000

Contractor J. L. Hansen, 700 Mission San Francisco.
Filed Dec 14, 14. Dated Dec 5, '14.
1st and 2nd floor 300
Usual 35 days 1099

TOTAL COST \$1000
Bond, \$22,500. Surety, F. N. G. and V.

W. Sexton. Limit, without delay. Forfeit, none. Plans and specifications filed.

NOTE:—1st report Nov. 30, No. 3979.

(4122) PLUMBING AND GAS FITTING on above.

Contractor...J. Gibbs, 2505 California, San Francisco.

Filed Dec. 14, '14. Dated Nov. 19, '14.

Roughed in\$486

Completed and accepted..... 243

Usual 35 days..... 243

TOTAL COST, \$972

Bond, \$486. Sureties, A. Morris and M. Gibbs. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4123) EXCAVATION, GRADING, CONCRETE, CARPENTER, LUMBER, MILL, STAIR, LATH AND PLASTER ON ABOVE.

Contractor...G. Cavaglieri, 593 Potrero Ave., San Francisco.

Filed Dec. 14, '14. Dated Nov. 1, '14.

3rd floor joists set.....\$1000

Ready for plaster..... 1092

Plaster completed and accepted 1000

Completed and accepted..... 1500

Usual 35 days..... 1533

TOTAL COST, \$6125

Bond, \$3062.50. Surety, Illinois Surety Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(4124) ELECTRICAL WORK ON ABOVE.

Contractor...Gus J. Peters, 1119 Broderick, San Francisco.

Filed Dec. 14, '14. Dated Dec. 2, '14.

Conduits installed\$264

Completed and accepted..... 132

Usual 35 days..... 132

TOTAL COST, \$528

Bond, \$264. Sureties, Jos. Thieben and H. G. Aylsworth. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

FRAME EXHIBIT BUILDING (4125) EXPOSITION SITE. All work for one-story frame exhibit building

Owner.....State of Mississippi.

Architect...Averstreet, Spencer & Payne, Jackson, Miss.

Contractor...Strehlow, Freese & Peterson, Exposition Site, S. F.

COST, \$14,900

GARAGE (4126) S FRANCISCO 72-8 E Hyde E

22x8 28. Excavating, concrete, carpenter, metal and iron work, cement plaster, dampproofing, etc., for private garage building.

Owner.....George A. Clough, Cr Tobin & Tobin, Hibernia Bank Bldg., S. F.

Architect...Fredk. D. Boese, 45 Kearny, San Francisco.

Contractor...Henry Conrad, 2854 Pine, San Francisco.

Filed Dec. 14, '14. Dated Dec. 11, '14.

Monthly payments of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1832

Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

Contractor...Foster-Vogt Co., Sharon Bldg., San Francisco.

COST, \$25,300

FRAME APARTMENTS (4127) NW DIVISADERO & O'FARRELL N 87-6xW 80. All work for three-story and basement frame stores and apartments.

Owner.....J. D. Isaacs, 32 Battery, San Francisco.

Architect...J. C. Hladig (Hladik), Mo-

madnock Bldg., S. F.

Contractor...Chas. Wright, 25 Stockton, San Francisco.

Filed Dec. 15, '14. Dated Dec. 15, '14.

Rough frame up.....\$5962.50

Brown coated 5962.50

Standing finish on..... 5962.50

Completed and accepted..... 5962.50

Usual 25 days..... 8000.00

TOTAL COST, \$31,500.00

Bond, \$16,000. Sureties, Henry G. and Sam Meyer. Limit, 30 days. Forfeit, none. Plans and specifications filed.

STORE AND FLATS (4128) E GRANT AVE 47 S Filbert

23-7½x60. All work except foundation, concrete wall, cement floor finish hardware, gas and electric fixtures, mantels and window shades for, three-story frame store and flats.

Owner.....Angelo Soracco, 1540 Grant Ave., San Francisco.

Architect...None.

Contractor...B. Pagano, 48 Allen, S. F.

Filed Dec. 15, '14. Dated Nov. 21, '14.

Frame up and rafters in.....\$1225

Brown coated 1225

Completed and accepted..... 1225

Usual 35 days..... 1225

TOTAL COST, \$4900

Bond, \$2450. Sureties, N. Cicerone and E. Cicerone. Limit, 90 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE AND STABLE (4129) SE BLUXOME 289 NE Sixth NE

70xSE 125. All work for two-story warehouse and stable.

Owner.....Moody Estate Co., Kohl Bldg., S. F.; National Biscuit Co., Lessee, 129 Townsend, San Francisco.

Architect...J. R. Tarrance, 409 W-15th St., New York City.

Contractor...H. H. Larsen & Bro., 62 Post, San Francisco.

Filed Dec. 15, '14. Dated Dec. 11, '14.

1st floor joists in place.....\$6000

2nd floor joists in place..... 6000

Roof on and completed..... 6000

Completed and accepted..... 6000

Usual 35 days..... 8000

TOTAL COST, \$32,000

Bond, \$16,000. Surety, Maryland Casualty Co. Limit, 110 days. Forfeit, \$5. Plans and specifications filed.

NOTE:—1st report Oct. 2, 1914; No. 5311.

STABLE AND ENGINE ROOM. (4130) SE EIGHTH & FOLSOM, also

described SW Folsom and Folsom Ave. All work for two-story and basement stable building and engine room.

Owner.....Gailand Mercantile Laundry, 317 8th, S. F.

Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Macdonald & Kahn, Rialto Bldg., San Francisco.

Filed Dec. 15, '14. Dated Dec. 14, '14.

On 1st of each month as work progresses payments of..... 75%

Usual 35 days.....\$4075

TOTAL COST, \$16,300

Bond, \$8150. Surety, Massachusetts Bonding & Insurance Co. Limit, 105 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE (4131) S LAWTON 100 E 9th Ave.

Two-story and basement frame residence.

Owner.....C. B. Castichun, 128 Sutter Cr. Allen & Co., S. F.

Architect...Dolliver & Swain, Royal Insurance Bldg., S. F.

Contractor...L. D. and H. B. Allen, 128 Sutter, San Francisco.

COST, \$7000

FRAME DWELLING (4132) E NINTH AVE 200½ S Lawton.

Two-story and basement frame dwelling.

Owner.....H. B. & L. D. Allen, 128 Sutter, San Francisco.

Architect...H. R. Scholze, Oakland.

Day's work. COST, \$4000

FRAME DWELLING (4133) E NINTH AVE 28-4½ S Lawton.

Two-story and basement frame dwelling.

Owner.....H. B. & L. D. Allen, 128 Sutter, San Francisco.

Architect...H. R. Scholze, Oakland.

Day's work. COST, \$4000

FRAME DWELLING (4134) E NINTH AVE 88 N Moraga.

Two-story and basement frame dwlg

Owner.....H. B. & L. D. Allen, 128 Sutter, San Francisco.

Architect...H. R. Scholze, Oakland.

Day's work. COST, \$4000

FRAME DWELLING (4135) E NINTH AVE 202 N Moraga.

Two-story and basement frame dwlg

Owner.....H. B. & L. D. Allen, 128 Sutter, San Francisco.

Architect...H. R. Scholze, Oakland.

Day's work. COST, \$4000

ASPHALT PLANT (4136) GENEVA, NIAGARA, TARA & Miguel.

One-story frame asphalt plant.

Owner.....Blanchard-Brown Co., 660 Market, San Francisco.

Architect...None.

Day's work. COST, \$1000

FRAME FLATS (4137) W SEVENTH AVE 180 S California.

Two-story and basement frame flats.

Owner.....P. D. Tyler, 1921 Oak, S. F.

Architect...None.

Day's work. COST, \$4500

FRAME FLATS (4138) W SEVENTH AVE 205 S California.

Two-story and basement frame flats.

Owner.....P. D. Tyler, 1921 Oak, S. F.

Architect...None.

Day's work. COST, \$4500

FRAME FLATS (4139) W SEVENTH AVE 155 S California.

Two-story and basement frame flats.

Owner.....P. D. Tyler, 1921 Oak, S. F.

Architect...None.

Day's work. COST, \$4500

ALTERATIONS (4140) SE BAKER & LOMBARD. Alter and excavate.

Owner.....Peter Larsen, 1946 Baker, San Francisco.

Architect...None.

Day's work. COST, \$500

FRAME FLATS (4141) NW UPPER TERRACE; Lot 52

Blk "N" Park Lane Tract No. 6. Two-story frame flats.

Owner.....F. Devitt, Care 728 Page, San Francisco.

Architect...None.

Wednesday, Dec. 25, 1911.

Contractor...J. & M. Dempnlak, 728
Page, San Francisco.
COST, \$5000

BRICK WAGON & STORAGE BLDG.
(4142) W SHOTWELL, 155 N 19th 120
x122-6. Steel work for two-story
brick wagon and storage building.
Owner.....Old Homstead Bakery Co.,
19th & Shotwell, S. F.
Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.
Contractor...Central Iron Works, 651
Florida, San Francisco.

Filed Dec. 16, '14. Dated Dec. 4, '14.
Entire steel work delivered.....\$2759
Completed and accepted.....2759
Usual 35 days.....1507
TOTAL COST, \$6025
Bond, none. Limit, 25 days. Forfeit,
none. Plans and specifications filed.

EXHIBITION BOOTH
(4143) EXPOSITION SITE. All work
for exhibition booth in the Palace of
Education.

Owner.....Board of Panama-Pacific
Managers for Massachu-
setts.

Architect...Wells & Dana.
Contractor...W. D. Henderson, Monad-
nock Bldg., S. F.

Filed Dec. 16, '14. Dated Oct. 24, '14.
TOTAL COST, \$6428
Bond, \$3214. Surety, Massachusetts
Bonding & Insurance Co. Limit, 70
days. Forfeit, none. Plans and spec-
ifications filed.

FRAME FLATS
(4144) N BROADWAY 87-6 E Larkin
26x87-6. All work for three-story
frame flat building.

Owner.....L. M. Calosso, 2745 Van
Ness Ave., S. F.

Architect...Italo Zanolini, 604 Mont-
gomery, San Francisco.

Contractor...S. Montani & G. Stefanini,
1753 Greenwich, S. F.

Filed Dec. 16, '14. Dated Dec. 9, '14.
Excavation done, footings in
place, frame completed and roof
on\$1628.75
Enclosed and finish plaster on 1628.75
Interior finish completed and
accepted1628.75
Usual 35 days1628.75
TOTAL COST, \$6515.00

Bond, \$3257. Sureties, F. Boicetti and
S. Arata. Limit, 90 days. Forfeit, \$5.
Plans and specifications, none.

ALTERATIONS
(4145) NO. 337 O'FARRELL. Minor
changes for hotel.

Owner.....B. H. Lichtenstein, 111
Ellis, San Francisco.

Architect...M. Lichtenstein, 111 Ellis,
San Francisco.

Contractor...Robinson & Gillespie, 1051
Sutter, San Francisco.

COST, \$800

ALTERATIONS
(4146) NO. 3641 SACRAMENTO. Alter
and repair laundry.

Owner.....W. H. Degan, 2996 Wash-
ington, San Francisco.

Architect...None.
Contractor...J. Pasqualetti, 785 Market,
San Francisco.

COST, \$700

FRAME DWELLING
(4147) W SIXTEENTH AVE 103 N

Clement. Two-story and basement
frame dwelling.

BUILDING AND ENGINEERING NEWS

Owner...J. M. Peter, 410 Folsom,
San Francisco.

Architect...None.
Day's work.....COST, \$1560

CONCRETE FOUNDATION ETC.

(4148) NO. 113 ELLINGTON. Con-
crete foundation, underpin and alter

Owner...Mrs. E. Blumling Premises
Architect...None.

Contractor...Chas. G. Anderson,
Duncan, San Francisco.

COST, \$800

ADDITION
(4149) NO. 322 MOULTREE. Add to
dwelling.

Owner.....Chas. Nilson, Premises.
Architect...None.

Day's work.....COST, \$100

DWELLING
(4150) W FORTIETH AVE 50 S Ca-
brillo. One-story and basement frame

dwelling.
Owner.....Oscar Heyman & Bro., 712
Market, S. F.

Architect...None.
Day's work.....COST, \$1500

FRAME FLATS
(4151) N CLEMENT 102-6 W 14th Ave.

Two-story and basement frame (2)
flats.

Owner.....Conservative Bldg. & Invest
Co., 200 Phelan Bldg., S. F.

Architect...None.
Day's work.....COST, \$5000

ADDITION
(4152) W BERLIN 50 S Wilde. Add
4 rooms.

Owner.....L. Donato, 1312 Berlin,
San Francisco.

Architect...None.
Day's work.....COST, \$600

ALTERATIONS
(4153) S TEXAS 75 W 19th. Alter and
repair residence.

Owner.....Lyon & Hoag Co., 660 Mar-
ket, San Francisco.

Architect...H. C. Baumann, 605 Chron-
icle Bldg., S. F.

Contractor...E. A. Janssen, 929 Hearst
Bldg., San Francisco.

COST, \$500

ELECTRIC SIGN
(4154) S GEARY 50 W Kearny. Electric
sign.

Owner.....Paul T. Carroll, Premises.
Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.

COST, \$100

GRAND STAND
(4155) EXPOSITION SITE. All work
for constructing race track grand

stand No. 1, except grading and mac-
adam paving and plumbing fixtures
in toilets.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...None.
Contractor...Nell A. McLean Co., Chron-
icle Bldg., S. F.

Filed Dec. 17, '14. Dated Dec. 12, '14.
As work progresses.....75%

Usual 35 days.....25%
TOTAL COST, \$17,071

Bond, \$10,000. Surety, New Eng and
Casualty Co. Limit, 45 days. Forfeit,
\$50. Plans and specifications filed.

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Architect Genj. G. McDougall, Shel-
don Bldg., S. F.
Contractor Bay City Bldg. Co.
Filed Dec. 18, '14. Dated Dec. 16, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$11,470
Bond, \$6000. Surety, Pacific Coast
Casualty Co. Limit, Feb. 10, 1915.
Forfeit, \$100. Plans and specifications
filed.

METAL LATH, ETC.

(1161) EXPOSITION SITE. All work
for metal lath and cement plaster for
exhibit space in Palace of Horti-
culture.

Owner A. W. Betting for the Na-
tional Cannery Ass'n.
Architect O. Haupt, Phelan Bldg.,
San Francisco.

Contractor A. Knowles, 985 Folsom,
San Francisco.

Filed Dec. 18, '14. Dated Dec. 17, '14.
Completed and accepted \$360
36 days after 131
TOTAL COST, \$491

Bond, none. Limit, 10 days after ready
for same. Forfeit, none. Plans and
specifications, none.

EXPOSITIONS PAVILION

(1162) EXPOSITION SITE. All work
for State Building of Mississippi.
owner State of Mississippi.
Manager John L. Smith, Jackson,
Mississippi.

Architect Overstreet, Spencer &
Paine, Jackson, Miss.
Contractor Strehlow, Freese & Peter-
sen, Exposition Site.

Filed Dec. 18, '14. Dated Nov. 25, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$13,192

Bond, \$7000. Surety, Pacific Coast
Casualty Co. Limit, Feb. 1, 1915. For-
feit, \$25. Plans and specifications filed.

EXPOSITION BOOTH

(1163) EXPOSITION SITE. General
work of Roast Beef Concession Bldg.
2, a one-story and attic frame struc-
ture.

Owner Desmond Supply Co., 525
Market, San Francisco.

Architect Wm. C. Hays, 68 Post, S. F.
Contractor John Burns.

Filed Dec. 19, '14. Dated Dec. 15, '14.
Frame completed 30%
Building completed & accepted 45%
Usual 35 days 25%
TOTAL COST, \$2960

Bond, \$1480. Sureties, J. L. Hoover and
Jos Burns. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

FRAME RESIDENCE

(1164) N PACIFIC 45 E Jones E 23x
N 60. All work for two-story and
basement frame building.

Owner G. Ponti.

Architect Chas. Fantoni, 916 Kearny
San Francisco.

Contractor A. De Benedetti and G.
Cuneo, 20 Cotter, S. F.

Filed Dec. 19, '14. Dated Dec. 18, '14.
Enclosed and roofed \$1065
Brown coated 1065
Completed and accepted 1065
Usual 35 days 1065
TOTAL COST, \$4260

Bond, \$2130. Sureties, G. Cavagnaro &
A. Crovo. Limit, 90 days after Dec. 21.
Forfeit, \$250. Plans and specifications
filed.

(1165) NW SCOTT AND TONQUIN W
800xN 350. All work for timber

screen for south face, west face and
east bulkhead of Fulton Basin.

Owner Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., San Francisco.

Architect None.

Contractor Duncanson-Harrelson Co.,
Chronicle Bldg., S. F.

Filed Dec. 19, '14. Dated Dec. 10, '14.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$3300

Bond, \$2000. Surety, Massachusetts
Bonding & Insurance Co. Limit, 30
days after notification. Forfeit, \$5.
Plans and specifications filed.

COMPLETION NOTICES.

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Dec. 12, 1914—GROSH HOTEL ON
Sutter. M D Grosh, E G Larzelere
and Louise M Sage to Scott Co, Dec
11; Atlas Heating & Ventilating
Co, Inc. Dec. 11, 1914

Dec. 12, 1914—E NINETEENTH AVE
235 N Fulton N 25xE 120. Frank J
and Annie Taylor to whom it may
concern Dec. 10, 1914

Dec. 12, 1914—E HARRISON AND
Hayward NE 75xE 75. City Elec
Co to Reardon Crist Constr Co . . .
Dec. 11, 1914

Dec. 12, 1914—E SANCHEZ 181-6 S
22nd S 22-6xE 100. Jos F Moss to
Bay City Bldg Co, Inc. Dec. 4, 1914

Dec. 14, 1914—SW KIRKHAM AND
8th Ave S 95xW 32-6. C S Brundage
to Cox Bros. Dec. 14, 1914

Dec. 15, 1914—NW STOCKTON AND
Post N 137-6xW 137-6. Blanche M
Burbank to C C Morehouse
Dec. 15, 1914

Dec. 15, 1914—SE GEARY & TAYLOR
S 137-6xE 87-6. Clift Realty Co by
Agent P J Walker to A P Brady . .
Dec. 7, 1914

Dec. 15, 1914—N TWENTY-FIRST
100 E Eureka E 25xN 97-6. Amelia
Malmburg to whom it may concern
Dec. 15, 1914

Dec. 15, 1914—W JONES 65 N Broad-
way W 68-6xN 35. Laura S Nathan
to Farnocchia-Petri Co. Dec. 14, 1914

Dec. 15, 1914—W THIRTIETH AVE
100 S Clement S 25xW 120. Fred-
erick Quirie to whom it may concern
Dec. 14, 1914

Dec. 16, 1914—NE CABRILLO AND
46th Ave N 60xE 20. Sylvester
Andriano to Guiseppe Andriano . .
Dec. 12, 1914

Dec. 16, 1914—S SACRAMENTO 87-6
W Maple W 187-6 S 132-7½ W
137-6 S 132-7½ E 412-6 N 132-7½
W 87-6 N 132-7½. Hospital for
Children and Training School of
Nurses to George Healing. Dec. 14, '14

Dec. 16, 1914—LOTS 13 AND 14 BLK
9 St. Francis Wood; comg at inter-
section dividing line Lots 14 and
15 BLK 9 and E line San Fernando
Way N 75 deg 19 min 59 sec E 100
S along curve to right 33.93 S 80
deg 26 min 55 sec W 100 N along
curve to left 25 ptn Lot 15 BLK 9,
St. Francis Wood. H O Harrison
to Theodore Wetzel Jr. Dec. 7, 1914

Dec. 16, 1914—W GUERRERO 86 S
19th S 28xW 75. John J Binet Co
to Mission Realty Co. Dec. 15, 1915

Dec. 16, 1914—N PINE 87-6 W San-
some W 50xN 137-6. McCreery Est.
Co to E F Burke Dec. 14, 1914

Dec. 17, 1914—S BROADWAY 183-6
W Jones W 23xS 60. Pelegro Cas-
ella to G Ferroni & Son. Dec. 17, 1914

Dec. 18, 1914—LOT 9 BLK 6 Amend-
ed Map Ingleside Terrace. Thos
Nelson to A D Nelson. Sept. 1, 191
Dec. 18, 1914—W TWENTY-THIRD
Ave 215 S Ulloa S 25xW 120. John
H and Isidora Claussen to John F
Haner Dec. 8, 191
Dec. 18, 1914—ON CALIFORNIA ST.,
side of Block bdd by California,
Sacramento, Jones and Taylor.
Grace Cathedral Corp to Beach
Robinson Co. Dec. 14, 191

LIENS FILED

SAN FRANCISCO COUNTY.

Dec. 7, 1914—SW NEWCOMB AVE
225 SE Hawes SE 75xSW 100 Lot
5 Blk 234 South San Francisco Hd
and R R Ass'n. George Ryan vs
Jno Hayes \$14.6

Dec. 11, 1914—S CALIFORNIA 82-6
W 25th Ave W 50xS 100. M Streeter
vs L U Grant \$9

Dec. 12, 1914—SE GEARY & LARKIN
W 75xS 120. J S Guerin & Co vs
P J Gartland and Paul I Karib . .
Dec. 12, 1914

Dec. 12, 1914—LOT 21 BLK 14 Crock-
er Amazon Tract; NE Athens and
Naples 33.74 feet front and 22.41
rear by 100. Andrew M Christen-
sen vs J F Haner, C W and Minnie
Day \$1903.8

Dec. 12, 1914—SW SEVENTH AND
Stevenson. J S Guerin & Co vs
A A and J Vayssie, Robert Trost
and J A Orford \$721.6

Dec. 12, 1914—S STEVENSON AND
7th SE 75xSW 75. Acme Plumb-
ing & Sheet Metal Co vs Antoine,
Alexandre and Julien Vayssie and
Robert Trost \$473.7

Dec. 14, 1914—NO. 1018 CORTLAND
Ave. Frank Horn vs John Bianchi
Dec. 14, 1914

Dec. 16, 1914—S CALIFORNIA 82-6
W 25th Ave W 50xS 100. Andrew
Wagner vs L M and Betty Shuck
and Lincoln U Grant \$5

Dec. 16, 1914—NE CABRILLO AND
5th Ave N 25xE95. Vincenzo Fassio
vs John McCormick and L C Wool-
dridge \$3

Dec. 18, 1914—N PAGE 100 E Fill-
more E 44xN 155 m or l. J H
Krusse vs Margaret T Cary, Annie
M Cary and Lincoln U Grant. . \$471.3

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Dec. 8, 1914—NO. 380 THIRD W line
bet Folsom and Harrison. P A
Smith Co to A Saari and A P Clay-
burg \$8

Dec. 10, 1914—SE GREENWICH AND
Baker E 94xS 24. Builders Supply
Depot to Margaret A Coleman and
E B Johnson

Dec. 10, 1914—W FORTY-FIFTH
Ave 150 S Lincoln Way S 50xW 120.
D L Blenfield & Co to Theodore F
Moeller

Dec. 11, 1914—SW OAK AND DE-
visadero W 90xS 50. L A Huf-
schmidt Mfg Co to Richey Riddell
and W H Bagge

Dec. 11, 1914—W LEAVENWORTH
87-6 N Turk N 50xW 37-6. Arden
Plaster Co to Eisenbach Co.

Dec. 12, 1914—S CLAY 150 E Drumm
E 50xS 119-6. Central Electric Co,
Sibley Grading & Teaming Co,
Pacific Mfg Co, I Cohen to Mari-
time Hall Ass'n and E F Burke . .
Dec. 16, 1914

Dec. 16, 1914—N OAK 157-6 W Van

Ness Ave.—89-9 N 120 E 68-9 S 40 E 21 S 80. L A Norris & Co to Young Men's Institute Hall Ass'n. Martin M Fennell, Thos L Wand and Fennell & Wand.....
Dec. 16, 1914—E GRANT AVE 77 6 N Bush E 80xN 30. J S Guerin (as J S Guerin & Co) to Herman Heskins, McMullen & Von Voorhies Co and J Piconi.....
Dec. 16, 1914—N ROLPH 54 E Paris E 25xN 100; N Rolph 79 E Paris E 25xN 100. R W Kinney Co to A Olson, Rose Kirk and Axel Davis..
Dec. 17, 1914—NE CABRILLO AND 5th Ave N 25x E 95. Vincenzo Fasio to John McCormick and L C Wooldridge.....

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, \$10,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Mrs. S. J. Hawley. The dwelling has been designed for a ten-room house with three baths and will be erected in North Berkeley. Interior will be finished in pine, redwood and hardwood with some white enamel in the bed rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, Mr. Dutra. The dwelling will be erected on Spruce street, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine, redwood and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Bath room and kitchen will have tile wainscot. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared and figures will be called for shortly.

RESIDENCES—3, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, M. P. Brash. These houses have been designed to contain five and six rooms with bath and will be erected in the Thousand Oaks Tract. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. Bath rooms will have tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared and when complete will be turned over to the owner who will do the work by day labor.

RESIDENCE—2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph avenue, Berkeley. Owner, H. H. Gastman. The dwelling has been designed for a seven-room house and will be erected on Euclid avenue. Interior will be finished in pine and red-

wood with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. The wainscot will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by day labor.

APARTMENT HOUSE—3 story and base, brick and steel, \$45,000. Oakland, Cal. Architect, W. L. Schmolle, 166 Terry street, S F. Owner, Joseph Meyer. The building will be erected on Alice street near 15th in the Lake Merritt district, and will cover an area of 80 by 120 feet. There will be a total of thirty apartments of two, three and four rooms. The building will be built around a central patio. All suites will have wall beds and private bath rooms. Interior will be finished in curly redwood and burl redwood. Hardwood floors will be used in the principal rooms. There will be a large social room and roof garden. Bath rooms will have tile wainscot and floors. Plans provide for steam heat, an automatic elevator, electric dumb waiters and hot water supply. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL AND STORE—7 story and base, brick and steel, \$108,000. Oakland, Cal. Architect, William Wilde, 1725 Broadway, Oakland. Owner, O. J. Meade. The building will be erected at the southeast corner of Tenth and Clay streets and has been designed for several stores on the first floor besides the hotel office and lobby. Upper floors will contain 104 guest rooms, a large percentage of which will have private baths. Interior finish will be of pine and hardwood with some ornamental plaster in the office and lobby. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. A tile floor will be used in the lobby. Marble wainscot and bases are specified. Patent store fronts will also be used. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures are being taken.

HOSPITAL COOLING STORE ROOMS—Cost not stated. Berkeley, Alameda Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for furnishing and installing cooling equipment and constructing cooling rooms in the kitchen of the California Institute for the Deaf and Blind. Bids are now being taken on the work. Plans and specifications can be secured from the office of the State Architect. Bids will be opened on January 29th. An official proposal appears in another column of this issue.

RESIDENCES—2, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architects, Elite Planners, 1844 5th avenue, Oakland. Owner, Mr. Tremple. These dwellings will be erected in Boulevard Park, and each has been designed for a five-room house with bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be

open fire places and open fire places. The exterior of the houses will be finished with tile or brick. Bath rooms will be finished in tile. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by day labor.

STORE, THEATRE AND OFFICE—12 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, Carl Werner, 14th and S. F. Owners, R. F. Fitzgerald, J. F. Carlson, W. H. Lynea et al. The building will be erected at the northeast corner of 11th and Franklin streets, covering a large ground area. Construction will be fireproof with a complete steel frame and exterior walls of brick and concrete. There will be several stores on the first floor besides the main body of the theatre. Upper floors will be arranged for modern offices. Only preliminary plans have been prepared and further mention will be made of the work.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
2926	Anderson	Taylor	
2937	Strang	Strang	
2938	Campbell	Johnson	
2939	Nelson	Nelson	
2940	Old Brew	Kienelkuhr	
2941	Munro	Peterson	
2942	Krubitzack	Prezman	
2943	Hesseman	McWilliams	
2945	Bertoldy	Bertoldy	
2946	Chabral	S. Murphy	
2947	Herold	Moore	
2948	Basemore	owner	
2949	Ponasso	Reimer	
2950	Duhl	Kulhar	
2951	Montgomery	Steele	
2952	Minney	Minney	
2953	Dunovan	Critt	
2954	Peterson	Holmes	
2955	Alder	Alder	
2956	Irlind	A. H. Irlind	
2957	Arkaia	A. H. Irlind	
2958	McMerritt	McMerritt	
2959	Frye	Frye	
2960	Minna	Minna	
2961	Thompson	Thompson	
2962	Tull	Tull	
2963	Shaw	Shaw	
2964	David	David	
2965	Clark	Clark	

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DWELLING

(2736) S LESTER AVE 450 W Newton Ave., Oakland. One-story 5-room dwelling.

Owner.....Peter Anderson.

Architect...None.

Contractor...C. H. Taylor, 340 Athol Ave., Oakland.

COST, \$2500

DWELLING

(2937) W ELTON 91 S E 38th, Oakland. One-story 5-room dwelling.

Owner.....V. N. Strang, 1521 9th, Ala.

Architect...None.

Day's work. COST, \$2000

DWELLING

(2938) S E-THIRTIETH 200 W 21st Ave., Oakland. One-story 5-room dwelling.

Owner.....Jessie Campbell, 730 E-10th St., Oakland.

Architect...None.

Contractor...Ben O. Johnson, 2014 E-30th, Oakland.

COST, \$1800

DWELLING

(2939) N FIFTY-FOURTH 58 E Mar-

ket, Oakland. One-story 5-room dwlg.

Owner.....E. W. Nelson, 945 57th, Okd.

Architect...None.

Day's work. COST, \$1800

ALTERATIONS

(2940) SW TWENTY-SIXTH AND Linden, Oakland. Alterations.

Owner.....Oakland Brewing & Malting Co. Premises.

Architect...None.

Contractor...Kieselguhr Co., Los Angeles. COST, \$1000

(2941) SE RAND AND LAKE SHORE Ave., Oakland. Garage.

Owner.....J. A. Munro, 5620 Telegraph Ave., Oakland.

Architect...None.

Contractor...A. Peterson, 1201 19th, Okd. COST, \$400

GARAGE

(2942) SE BOULEVARD & SYLVAN Ways, Oakland. Garage.

Owner.....R. W. Krabitzack, 476 Boulevard Way, Oakland.

Architect...None.

Contractor...A. Peterson, 1201 19th, Oakland. COST, \$450

GARAGE

(2944) NO. 1810 ALICE, Oakland. Garage.

Owner.....Chas. J. Heeseman, Plaza Bldg., Oakland.

Architect...None.

Contractor...R. A. McWilliams, 5845 Ayala Ave., Oakland.

COST, \$400

DWELLING

(2945) E VICENTE 75 N 56th, Oakland. One-story 3-room dwelling.

Owner.....J. Bertoldy, 1249 3rd Ave., Oakland.

Architect...None.

Day's work. COST, \$550

ADDITION

(2946) E EIGHTY-NINTH AVE 150 N "E," Oakland. Addition.

Owner.....Joe Cabral.

Architect...None.

Contractor...Joe St. Mary, 2220 92nd Ave., Oakland.

COST, \$400

(2947) NO. 1631 THIRTEENTH AVE., Oakland. Alter dwelling into flats.

Owner.....I. H. Herold, Premises.

Architect...None.

Contractor...R. E. Moore, 1540 Broadway, Oakland.

COST, \$700

ALTERATIONS

(2948) NO. 1494 SEVENTY-FOURTH Ave., Oakland. Alterations.

Owner.....Cora Basemore, Premises.

Architect...None.

Day's work. COST, \$400

ADDITION

(2949) NO. 846 FORTY-SECOND, Oakland. Addition.

Owner.....Domenico Penasso, Prem.

Architect...None.

Contractor...D. Raineri, 872 43rd, Okd. COST, \$400

ALTERATION

(2950) NO. 3509 GROVE, Oakland. Alter dwelling.

Owner.....Henry Duhl, Premises.

Architect...None.

Contractor...S. Kulchar Co., 515 4th, Oakland. COST, \$1800

DWELLING

(2951) SW DAISY AND BRUCE, Oakland. One-story 4-room dwelling.

Owner.....C. J. Montgomery, 3833 Buell, Oakland.

Architect...None.

Contractor...S. M. Steele, 4690 Tompkins, Oakland.

COST, \$600

DWELLING

(2952) E 10TH AVE 244 N Bancroft, Oakland. One-story 5-room dwlg.

Owner.....Minney Searles Co., Syndicate Bldg., Oakland.

Architect...None.

Day's work. COST, \$1600

DWELLING

(2953) N SIXTY-THIRD 250 E Telegraph Ave., Oakland. Two-story 7-room dwelling.

Owner.....Miss Mae Donovan, 52nd & Alcatraz Ave., Oakland.

Architect...None.

Contractor...L. Cates and W. Sherwood, 1045 53rd, Oakland.

COST, \$2500

DWELLING

(2954) S MONTELL 687 E Piedmont

Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....Mrs. J. W. Peterson, 79 Montell, Oakland.
Architect.....None.
Contractor.....Fred Hambleton, 575 43rd, Oakland.
COST, \$2,440

DWELLING
(2958) W SIXTY-SECOND AVE 200 S Fortune Way, Oakland. One-story 5-room dwelling.
Owner.....A. Alder, 2187 62nd Ave., Oakland.
Architect.....None.
Day's work.....
COST, \$1,500

DWELLING
(2959) W WILSON 125 S Montana, Oakland. One-story 3-room dwlg.
Owner.....Elmer Irland, 1941 Telegraph Ave., Oakland.
Architect.....None.
Day's work.....
COST, \$1,000

DWELLING
(2960) E NINETY-FOURTH AVE 125 S "A," Oakland. One-story 8ve-room dwelling.
Owner.....A. J. Argella, 1748 18th Ave Oakland.
Architect.....None.
Day's work.....
COST, \$1,500

DWELLING
(2962) N E-SEVENTEENTH 100 E 19th Ave., Oakland. One-story three-room dwelling.
Owner.....A. K. Frye, 1920 E-17th, Oakland.
Architect.....None.
Day's work.....
COST, \$100

DWELLING
(2963) W 109TH AVE 200 S Stanley Ave., Oakland. One-story 5-room dwelling.
Owner.....Minney & Searles Co., Syndicate Bldg., Oakland.
Architect.....None.
Contractor.....J. V. Mattason, 2531 65th Ave., Oakland.
COST, \$2,000

CHURCH
(2965) SW SEVENTEENTH AVE AND E-15th, Oakland. One-story church.
Owner.....Trinity Lutheran Church, Premises.
Architect.....Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor.....F. Baumann, 2000 45th Ave., Oakland.
COST, \$17,000

BRICK STORES
(2966) OAKLAND (Specifications read Tenth and Harrison Sts.) All work for one-story and basement brick stores.
Owner.....E. R. Tutt, 712 21st, Okd.
Architect.....A. W. Smith, 1010 Broadway, Oakland.
Contractor.....J. H. Dingwell, 2006 West, Oakland.
Filed Dec. 18, '14. Dated Dec. 18, '14.
Excavating done.....\$1800
Concrete foundation completed. 1200
Mezzanine joists in place.....3000
Roof work completed.....2060
All glass set.....3060
Completed and accepted.....2060
Usual 35 days.....5060
TOTAL COST, \$20,240
Bond, none. Limit, 102 days. Forfeit, \$10. Plans and specifications filed.

(2967) E SEVENTY-SIXTH AVE 100 S E 11th, Oakland. One-story four-room dwelling.
Owner.....E. E. Erol.
Architect.....None.
Contractor.....K. M. Sheridan, 1029 Broadway, Oakland.
COST, \$1,000

FRAME DWELLING
(2968) SE TWENTY-SECOND AVE & E-16th, Oakland. One-story frame dwelling.
Owner.....M. Dowd, 2012 E-14th, Okd.
Architect.....None.
Contractor.....Angus J. Bellefontaine, 6712 Flora, Oakland.
Filed Dec. 19, '14. Dated Dec. 17, '14
Framed.....\$500
Brown coated.....500
Completed.....500
Usual 35 days.....410
TOTAL COST, \$1,910
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME STORES AND APARTMENTS
(2969) NE TAFT & COLLEGE AVES N 38.67 E 129 S 35 W 113.12, Oakland. All work for two-story frame stores and apartments.
Owner.....Hugh and Mrs. Hugh O'Keane, 797 16th, Okd.
Architect.....C. W. Dickey, Central Bank Bldg., Oakland.
Contractor.....O. M. Ballock, Hollis and Stanford, Oakland.
Filed Dec. 19, '14. Dated.....
2nd floor joists in place.....\$1777
Ready for lath and plaster.....1777
Plastered.....1777
Completed and accepted.....1777
Usual 35 days.....Balance
TOTAL COST, \$9,481
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
2942	Miller.....	Cederborg	14147
2957	Ericsson.....	Ericsson	2000
2961	Sellander.....	Salranen	5072
2964	Weeks.....	Weeks	500

FRAME DWELLING
(2943) E ALVARADO ROAD 400 N Tunnel Road being Lot 6 Bk 2 Hotel Claremont Tract, Berkeley. All work for two-story and basement frame dwelling.
Owner.....W. A. Miller, 1833 Chestnut, Oakland.
Architect.....Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor.....Cederborg & Anderson, 1053 Poplar, Oakland.
Filed Dec. 15, '14. Dated Dec. 10, '14.
Frame up.....\$2000
Ready for lath.....2000
Plastering Completed.....1100
75% interior mill work in place 2100
Completed and accepted.....3097
Usual 35 days.....3550
TOTAL COST, \$11,147
Bond, \$7075. Surety, American Surety Co. Limit, 120 days from date of filing. Forfeit, none. Plans and specifications filed.

DWELLING
(2956) E LEWISTON AVE 50 N Alcatraz, Berkeley. One and one-half-story 4-room dwelling.
Owner.....Isabel E. de Merritt, #83 Fairview, Oakland.
Architect.....None.

Contractor.....L. A. Link, 1822 Fairview, Oakland.
COST, \$28.00

MACHINE SHOP
(2957) S HERBOLD E A 5th, Berkeley. Ave. Berkeley. One-story 4-room machine shop.
Owner.....L. J. Brown, 1800 Ha none Ave. Berkeley.
Architect.....None.
Day's work.....
COST, \$1,000

FRAME DWELLING
(2961) LOT 11, OAKVALE, CLAREmont, Berkeley. All work for two-story seven room frame dwelling.
Owner.....W. H. Schander, Berkeley
Architect.....John Hudson Thomas, 1st National Bank Bldg., Okd.
Contractor.....Oscar Salranen, 110 Addison, Berkeley.
Filed Dec. 17, '14. Dated Dec. 17, '14
Frame up.....
Brown coated.....
Completed and accepted.....
Usual 35 days.....
TOTAL COST, \$407.
Bond, \$276. Surety, J. W. Swift and R. C. Wilcox. Limit, 120 days. Forfeit none. Plans and specifications filed.

STORE
(2961) W TELEGRAPH AVE 50 N Bancroft, Berkeley. One-story store
Owner.....A. J. Weeks, 2275 23rd Ave Berkeley.
Architect.....None.
Day's work.....
COST, \$350

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
2934	Hanley.....	Roth	2100
2935	Lank.....	Richards	1100
2955	Claussereus.....	Martin	1000

DWELLING
(2934) — ALAMEDA AVE., Alameda. One-story 5-room dwelling.
Owner.....J. S. Hanley, 1400 San Jose Ave., Alameda.
Architect.....None.
Contractor.....Conrad Roth, 2117 Pacific Ave., Alameda.
COST, \$2,100

DWELLING
(2955) — AIRBOLT, Alameda. One-story 4-room dwelling.
Owner.....Geo. A. Lank, 1305 Buena Vista Ave., Alameda.
Architect.....None.
Contractor.....L. D. Richards, 1614 Bay, Alameda.
COST, \$1,400

(2955) NO. 1812 ALAMEDA AVE., Alameda. Repairs.
Owner.....M. Claussereus, 1400 Schuler, Alameda
Architect.....None.
Contractor.....T. Martin, 1006 Lincoln Ave., Alameda.
COST, \$1,400

COMPLETION NOTICES.

ALAMEDA COUNTY

Dec. 12, 1914 — NE CHANNING WAY and Fulton, Bk 5 F H Plant to whom it may concern. Dec. 8, 1914
Dec. 14, 1914 — LOT 2, Sheet No. 2 Map Nova Frequent, Tidmunt Norton Ware to M. J. Branch
Dec. 14, 1914
Dec. 14, 1914 — LOT 11 Map Darwin

Place, Okd. George D Slater to Fred Peters.....Dec. 12, 1914
 Dec. 11, 1914—LOTS 5 AND 6 AND S to Lot 9 Blk "L" Map Laurel Grove Park, Okd. John Iverson to E M Williamson.....Dec. 10, 1914
 Dec. 14, 1914—(1) S BROOKDALE Ave 35 W Persimmon; (2) S Brookdale Ave 105 W Persimmon, Okd. George Hudson to whom it may concern.....Dec. 10, 1914
 Dec. 14, 1914—LOTS 6 AND 7 Blake Tract No. 3, Bkly. John Muidoon and Frank M Wilson to McKibben and Taylor.....Dec. 5, 1914
 Dec. 15, 1914—LOT 37 BLK 1262 Claremont Palms Tract, being W Lawton Ave 230 S Forest, Okd. N J Mettetter to M C Vaughn.....Dec. 14, 1914
 Dec. 15, 1914—LOT 5 BLK 2 Colusa Ave Ext. Bkly. R L Holt to J J Anderson.....Dec. 9, 1914
 Dec. 16, 1914—LOT 21 BLK 5 Map Berkeley Heights, Bkly. Russell S Penniman Jr to Mason-McDuffie Co.....Dec. 12, 1914
 Dec. 16, 1914—W PERALTA AVE 335 S Washington S 40xW 100, Oakland Tp. C B Seitz to Malik & Begier.....Dec. 15, 1914
 Dec. 17, 1914—S 10 LOT 9 AND PTN Lot 8 Blk "H" Map Broadway Terrace, Owd. A Cederborg to Cederborg & Anderson.....Dec. 1, 1914
 Dec. 17, 1914—N SIXTY-SECOND 33.62 W Racine W 57-6xN 115, Okd. Lewis G Pfirang to whom it may concern.....Dec. 8, 1914
 Dec. 17, 1914—NW MILLS 105 SE Seminary Ave SE 33xNE 105, Okd. Ruth A Fuller to whom it may concern.....Dec. 16, 1914
 Dec. 18, 1914—LOTS 1 AND 2 BLK 1 Map Amended Map Hopkins Terrace Map No. 4, Bkly. Mary F Underhill to Junk-Riddell Invest Co.....Dec. 17, 1914

LIENS FILED.

ALAMEDA COUNTY.

Dec. 12, 1914—LOT 162 Map Wickham Havens Inc Map Piedmont-by-the-Lake, Okd. R F Long vs Irving C Mickelson and John A Brunje.....\$202.50
 Dec. 12, 1914—SE SAN PABLO AVE & Channing Way S 80x E 100, Bkly. John R Hodge and E S Collins (Hodge & Collins Lumber Co) vs O W and Delilah M Fowler, Oakland Bank of Savings and Realty Syndicate.....\$204.16
 Dec. 15, 1914—LOT 8 Map Hume Tract Piedmont, J C Thompson vs John A Gilmore.....\$90
 Dec. 16, 1914—E TELEGRAPH AVE & W Broadway N 108.33 NW 36.56 S 194 SE 8.70, Okd. James L Brown, Inc vs J F Carlston and A J Snyder.....\$12,015.73
 Dec. 17, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Downey-Cavasso Glass & Paint Co vs James C Bowman, Bay Cities Bldg Co, Inc and Charles Murray.....\$164.80
 Dec. 17, 1914—LOT 162 Map Piedmont by-the-Lake, Okd. J W Realy vs John A Brunje and Irving C Mickelson.....\$165
 Dec. 17, 1914—S SIXTEENTH 34.6 E Magnolia E 28xS 90, Okd. G M Comstock vs Mollie Carter.....\$35.50
 Dec. 17, 1914—LOTS 3 AND 4 Map Chester & Center Street Lots, Okd. G M Comstock vs Mollie & George Carter.....\$55.34
 Dec. 17, 1914—LOT 4 BLK 9 Map Claremont, Bkly. A K Goodmund-

son vs James C and Helena Kathryn Bowman and Bay Cities Bldg Co, Inc.....\$46
 Dec. 18, 1914—NE E-FOURTEENTH S 24 SE Second Ave SE 33.4xNE 120, Okd. J A Larson vs Angelica Ralston.....\$210
 Dec. 18, 1914—LOT 162 Map Piedmont-by-the-Lake, Okd. W T Bond, \$12.50; California Metal Wks, \$60; E L Walter, \$85; Ray B Johnson (Tri City Window Shade Manufactory), \$48 vs John A Brunje, Anthony A Boehm and I Mickelson.....\$71.65
 Dec. 18, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. Port Costa Brick Works, \$1481.40; Howard Co, \$1144.75 vs St. George Hall Ass'n and F J Klenck.....

RELEASE OF LIENS

ALAMEDA COUNTY.

Dec. 8, 1914—N FOURTEENTH 90 W Center W 179 NE 104.2 E 116.57 S 100, Okd. A J Hillam to Wallace Clark.....\$276.15
 Dec. 9, 1914—SE LAWTON AND College Aves NE 60 SE 106 SW 102 N to pt. beg. Okd. N O Nelson Mfg Co to S Koerber Co and C E Graven.....\$302.55
 Dec. 7, 1914—LOT 71 Map Resbvdn Peralta Park, Bkly. Pacific Mfg Co to Otto Mailenan et al.....\$740.80
 Dec. 8, 1914—SE GREENWICH AND Baker E 94xS 24. J H Kruse to Margaret A Coleman and E B Johnson.....
 Dec. 9, 1914—W FORTIETH AVE 175 S Lincoln Way S 25xW 100, J H Kruse to Geo V McCausland and Peter Michel.....
 Dec. 9, 1914—NW TACOMA & 15TH Ave N 25xW 105. Franks & Johnson to J I Cumming.....
 Dec. 10, 1914—N TWENTY-SECOND 101-9 W Church W 25xN 114. James E Lennon Lime & Cement Co to Prentiss M and M N Shoat.....

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, C. S. Rhea, 74 East San Antonio street, San Jose. The dwelling has been designed for a five-room house and will be erected on Seventh street near Keys. Interior will be finished in pine and redwood. There will be some hardwood floors. An open fire place and tile or brick mantel will be used. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SCHOOL—1 and 2 story and base, reinforced concrete, \$100,000. Palo Alto, Santa Clara Co., Cal. Architects, Allison & Allison, Hiberman Bldg., L. A. Owners, Palo Alto School District. The building will contain fourteen class rooms, departments of domestic science, manual training, offices of the principal and a large assembly hall. Interior will be finished in pine with maple floors in the class rooms. There

will be a central heating system, probably steam heat with a complete oil burning system. Vacuum cleaning, program clocks and slate blackboards will be used. Exterior of the building will be faced with cement plaster. Working drawings are being prepared and figures will be called for as soon as a bond issue has been sold.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

DWELLING
 FOURTEENTH near San Carlos, San Jose. Seven-room dwelling. Owner.....Fred Archer, Pacific Grove Architect.....Atkin & Richards, Theatre Bldg., San Jose.
 Day's work. COST, \$1000

COTTAGE
 NO. 692 N-SAN PEDRO ST., San Jose. Five-room cottage. Owner.....C. A. Thomas, Premises. Architect.....None.
 Day's work. COST, \$2000

REMODELING
 NO. 165 S-MARKET ST., San Jose. Remodeling. Owner.....A. C. Kuhn, Evergreen, California. Architect.....None.
 Contractor.....J. E. Perkins, 1652 Santa Clara, San Jose.
 COST, \$1,199

DWELLING
 TWENTY-FIFTH AND BARNS STS., San Jose. Five-room dwelling. Owner.....C. W. Spotwood, 122 N-26th St., San Jose.
 Architect.....None.
 Day's work. COST, \$1500

DWELLING
 TWENTY-FIFTH near Santa Clara, San Jose. Three-room dwelling. Owner.....Tony George. Architect.....None.
 Day's work. COST, \$100

COMPLETION NOTICES.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Dec. 15, 1914—PTN LOT 4, Valparaiso Park, Menlo Park. Academy of The Sacred Heart to D J Byron.....Dec. 10, 1914
 Dec. 15, 1914—UPLANDS, Hillsborough. Chas T Crocker to J H Keefe Co.....Dec. 10, 1911
 Dec. 16, 1914—LOT 19 BLK 11 Amended Map of Belle Air Park, San Bruno. Geo B Maloney to R C Stickle.....Dec. 12, 1914
 Dec. 16, 1914—SOUTH SAN FRANCISCO. W P Fuller & Co to Charles B Hadley.....July 10, 1914

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

ROAD IMPROVEMENT—\$20,000. Vacaville, Solano Co., Cal. Engineer, Town Engineer, Vacaville, Owners, Town of Vacaville. Bonds in the amount of \$30,000 have been voted for street improvements and repairs. Work will be started as soon as funds are available.

WHARF—Reinforced concrete. Cost not stated. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbets, Alaska Commercial Bldg., S. F. Owners, City of Richmond. Plans for

this work are complete and now out for figures. The wharf will be of reinforced concrete construction, reinforced concrete piles and floor. There will be a steel frame shed with unloading equipment. Plans and specifications can be secured from the office of the engineers. Bids will be opened at 8 p. m. on December 28th.

SCHOOL—2 story and base, brick and steel, \$60,000. Dixon, Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Dixon Union High School District. The building will contain twelve class rooms, domestic science and manual training departments, and an assembly hall. Floors and stairways will be of reinforced concrete. Interior will be finished in pine. Maple floors will be used in the class rooms. Plans provide for steam heat, oil burning equipment, modern school plumbing, vacuum cleaning and program clocks. Exterior will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on January 2nd at 2 p. m. Plans and specifications together with the official proposal can be secured from the architect.

SCHOOL—2 story and base, reinforced concrete or brick, \$60,000. Rio Vista, Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Rio Vista Union High School District. The building has been designed in the classic style and will contain twelve class rooms with provision for a future addition. Interior will be finished in pine with maple floors in the class rooms. Besides the class rooms there will be departments for manual training, domestic science and a large assembly hall. Plans provide for steam heat, oil burning equipment, program clocks and vacuum cleaning. Slate blackboards will be used. Floors and stairways will be of reinforced concrete. Exterior of the building will be faced with pressed brick or cement plaster. Plans are complete and figures are being taken for both the brick and reinforced concrete types of construction. Bids will be opened on January 6th at 3 p. m. Plans and specifications together with official proposals can be secured from the architect.

STREET PAVING—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Bids opened by the City Council for paving Seventh street show the following bidders and their bids:

L. L. Page	\$11,123
C. W. McMaster	10,339
E. H. Higgins	11,559
John Word	11,238
Galbraith & Jones	10,946
G. W. Cushing	11,248

The awarding of the contract was postponed until the treasurer examines the bonds offered by the bidders.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME DWELLING

MAINE STREET, Lot 2 Bk 2 Sbdn 1 E. A. Smith Tract. Mantels, chimneys, lumber, labor, lathing, plastering, mill work, plumbing, shingling, sash doors, stair work, wiring, composition drain board, tinting, shades, heating pipes and hardware for 2-story seven-room frame dwelling.

Owner, H. E. Sick, 1024 Piedmont Ave., Oakland.
Architect, None.
Contractor, M. E. Hopper & Sons, 29 Glen Ave., Oakland.
Filed Nov. 28, 11. Dated Nov. 11, 11.
Frame work erected, no sheathing.
ing \$1800
1st coat plaster on 656
Inside eased up 656
When completed, 656
TOTAL COST, \$7768

Bond, limit, forfeit, none. Plans and specifications filed.

MARBLE WORK, ETC.

MARTINEZ, Contra Costa Co. Wood work, furniture, marble work, electric fixtures and plastering for Court Room of Department S.
Owner, County of Contra Costa.
Architect, W. H. Weeks, 75 Sutter, San Francisco.
Contractor, Fink & Schindler, S. F.
COST, \$3775

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
Dec. 9, 1914—LOTS 12 AND 13 BLK 20 Henderson Tapscott Tract No. 1. Robert M and Anna A Wooley to Oscar E Evans.....Dec. 7, 1914

LIENS RELEASED

CONTRA COSTA COUNTY.

RECORDED **AMOUNT**
Dec. 12, 1914—LOT 17 BLK 70, in Amended Map of Richmond. Bruce Lumber & Mill Co., \$203.60; R 1 Gruenhagen, \$90.90 to J O Barker and Mrs A H Minon.....
Dec. 9, 1914—LOTS 1, 2, 3 BLK 6 of Amended Map of Richmond. E B Rendell to Laurence Transue..\$93.40

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED **ACCEPTED**
Dec. 10, 1914—SAN RAFAEL. San Rafael Bldg Ass'n to whom it may concern.....Dec. 10, 1914
c. 18, 1914—SAUSALITO. Marin Co. Wm Petherick to Albert W Teath-er.....Dec. 10, 1914

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA

WATER SYSTEM FOR PARK—\$2,500. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Action on the proposed water system for Roeding Park has been taken by the Board of Park Commissioners. The commissioners have ordered Park Superintendent W. C. Claybaugh to start work on the installation of a plant to cost \$2,500. A 35-horse-power pump and piping for the first unit of the extensive system will be laid.

PLATS—2 story and base, frame, \$8,500. Fresno, Fresno Co., Cal. Architects, Bowen & Davis, Fresno. Owner, George Lightower. The building will be erected on Stanislaus avenue and has been designed to contain two flats of six rooms each. Interiors will be finished in pine, redwood and hardwood. Hardwood floors will be used in the living and dining rooms. There

will be one fire place and one brick mantle. Bath room will have the floor and entrance to the building. A. E. Lightower, owner, has completed the building and is now erecting the second story and entrance to the building.

ROADING PARK—\$2,500. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The city is now considering plans proposed by the City Engineer for the new Roading Park and foundation work to be erected at the rear of the City Hall.

LIBRARY LIGHTING—\$400. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Plans have been completed for furnishing and installing the lighting fixtures in the new Bakerfield Library. The system will be what is known as the indirect or semi indirect lighting system. Plans and specifications can be secured from the Building Inspector, Bakerfield. Bids will be opened on December 13rd.

ELECTROLUMENS—\$40,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Members of the City Council and members of special committees of the Merchants' Association have adopted the single light standard and metal post for their electrolumens system. The electrolumens, which will light the best streets in the city, will be single light standards with either cast iron or copper posts. They will be 12 feet 6 inches tall with nitrogen filled Mazda lamps of 100-candle power each. The total candle power of five light electrolumens is only 265 and greater current is required. There will be 487 electrolumens distributed through the business district, ten to a block, Stanislaus and Mono streets, north and south. On Kern the electrolumens will extend east to M street, on Tulare street they will extend to the Santa Fe, and on Fresno street they will reach to O street.

PARK IRRIGATION SYSTEM—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Plans for a pressure system of irrigation have been completed by W. C. Claybaugh and Bert Cronkite, City Engineer and have been presented to the Park Commission for approval. The system will be constructed in Roeding Park. On approval bids will be called for.

STORES AND THEATRE—2 story and base, reinforced concrete, \$45,000. Modesto, Stanislaus Co., Cal. Architect, Charles C. Frye, 10 Montgomery street, S. F. Owners represented by G. H. Embury Co., S. F. The building will be erected at the corner of 10th and I streets, having a frontage of 100 feet on one street and 100 feet on the other. There will be 100 stores below the theatre. Interior will be finished in pine throughout with some ornamental plaster in the theatre. 1000 ft. of store fronts and marble bases are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

PAVING, GRADING AND UTILITIES—Cost not stated. Bakerfield, Kern Co., Cal. Engineer, County Surveyor, Bakerfield. Owners, Kern County. Plans are complete for paving, grading and utilities on about 1 1/2 miles of Division 7, Section 1, of the Kern County Highway. Bids are

now being taken and will be opened by the Supervisors on January 9th. Plans and specifications can be secured from the County Clerk at Bakersfield.

Contracts Awarded.

BRIDGE—Reinforced concrete, \$3,987. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Merced. Owners, Fresno County. Contractors, J. P. Williams and W. R. De Viese, Fresno. Contract price, \$3,987.

BRIDGES—Timber construction. Cost not given. Merced, Merced Co., Cal. Engineer, County Surveyor, Merced. Owners, Merced County. Contractor, W. K. Widenman, Merced, one bridge, \$1,391, and L. F. Pate, Merced, three bridges, \$1,124, \$221 and \$279.

SCHOOL HEATING SYSTEM—Cost not stated. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Addison Hled Bldg., S. F. Owners, City of Fresno. Contractors, S. T. Johnson Oil Burner Co., S. F. Contract price not stated.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING AND GARAGE

LOTS 6, 7, 8 BLK 2 Fortchamp Add'n. No. 2, Fresno. All work for dwelling and garage.

Owner, Mrs. B. C. Burke, Fresno. Architect, V. R. Gede, Fresno. Contractor, Norris & Wallace, Fresno. Filed Dec. 12, '14. Dated Dec. 11, '14.

1st floor joists in.....	\$1000
2nd floor joists in.....	844
Roof on.....	844
Building enclosed.....	844
Building plastered.....	844
When completed.....	844
Usual 55 days.....	1740

TOTAL COST, \$6960

Bond, \$7000. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 working days. Forfeit, \$5 per day. Plans and specifications filed.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGES—Steel, concrete and timber. Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama and Shasta Counties. Plans and specifications for all the bridges along the highway from Red Bluff north to the Shasta County line have been adopted by the Supervisors. The plans will be forwarded to the engineer of the State Highway Commission, and on approval bids will be taken.

HIGHWAY CONSTRUCTION—Cost not stated. California. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Bids opened at the last meeting of the State Highway Commission for constructing highways in Orange County, Siskiyou County, Sutter County and Los Angeles County, show the following low men: Orange County—The M. A. Co., Los Angeles, \$35,820.80. Siskiyou County—E. T. Johnson, Portland, Ore., \$90,522.10. Sutter County—C. H. and A. W. Gorrill, San Francisco, \$42,331.10. Los Angeles County—Lee Moor Construction Co., Los Angeles, \$256,246. A complete list of these figures together with the engineer's estimate and a list of the materials furnished by the state will be found under the heading of San Francisco in this issue,

SEWERS, ETC.—\$50,000. Marysville, Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. Action is now being taken by the City Council to beautify the appearance of Ellis Lake in this city. It is the intention of the Council to extend sewers, grade and fill several of the streets about the lake. A bond election will be called to raise funds for the work.

IRRIGATION PROJECT—\$350,000. Anderson, Shasta Co., Cal. Engineer, H. H. Henderson, Anderson. Owners, Anderson-Cottonwood Irrigation District. H. H. Henderson, engineer in chief for the Anderson-Cottonwood Irrigation District, has submitted his general report to the Board of Directors of the District. The district includes 32,000 acres of land. His estimate of cost for constructing the project, which includes all the preliminary expenses, the cost of rights of way and the best type of construction, is \$350,000. The plans call for a canal and tunnel, the latter at the Redding end, where the water is diverted from the river, which will carry 17,600 inches of water, or enough to cover every acre in the district one foot deep every ten days. On the approval of the plans a bond election will be called to raise funds to put the work under construction. It is thought that the election will be called during January or February, next year.

SEPTIC TANK—Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. The Supervisors have ordered plans and specifications prepared for the construction of a septic tank for the cottage at the County Hospital.

ROAD TRENCHING—Cost not stated. Red Bluff, Tehama Co., Cal. Engineer, County Surveyor, Red Bluff. Owners, Tehama County. Plans are complete and figures are now being taken for trenching the Paynes Creek road near Buckeye. Plans and specifications can be secured from the County Surveyor at Red Bluff. Bids will be opened on January 5th.

STORM WATER SEWER—Cost not stated. Dinuba, Tulare Co., Cal. Engineer, City Engineer, Dinuba. Owners, City of Dinuba. At a special meeting of the Board of Trustees, bids were ordered received for the completion of the storm water sewer from its present terminal on Tulare street near M and K a distance of two blocks.

THEATRE AND STORE—1 and 2 story, reinforced concrete. Cost not stated. Chico, Butte Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnen. Latest reports from this city make known the fact that the Turner & Dahnen interests of San Francisco, who control a number of large theatre buildings throughout the state of California, will erect a large theatre building in Chico. The company intends to construct at least twenty buildings for theatrical purposes west of Denver, including Chico.

OIL DISTRIBUTING STATIONS—5, 1 story, corrugated iron. Cost not stated. Sacramento, Cal. Engineer's name not given. Owners, Shell Oil Co., S. F. The Shell Oil Company will build five distributing stations in this city when permits are granted by the City Commission. The total investment planned

by the Shell Company at Sacramento is \$250,000.

Contracts Awarded.

Bluff, Tehama Co., Cal. Architects, none. Owners, Tehama County. Contractors M. G. West Co., S. F. Contract price, \$4,645. Note: This contract covers only the metal furniture in the Auditor's and County Clerk's offices.

Highway Work In Four Counties

State Highway Commission Receives Figures for Work in Four Counties Which Include Five Pieces of Work.

Bids were opened recently by the State Highway Commission at Sacramento for constructing State Highways in the following counties: Orange, Siskiyou, Sutter and Los Angeles. A complete list of the bids received together with a list of the materials furnished by the State and Engineer's estimate of the work follows:

Orange Co., Div. 7, Route 2, Sec. A. Callahan & Hedrick, El Centro

.....\$45,343
The M. A. Co., Los Angeles.. 35,820.80
Modern Constr. Co., L. A..... 40,763

Engineer's estimate, \$35,388.86.
Materials furnished by the state: P. railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$16,803.47.

Siskiyou Co., Div. 2, Route 3, Sec. C. Blanchard-Brown Co., S. F.....\$128,316
Palmer & McBryde, S. F..... 154,265
James Fitzpatrick, Sac..... 126,330
Berry-Mackie & Co., S. F..... 90,653
Smith & Rice, Eureka..... 105,713
E. T. Johnson, Portland, Ore..... 90,522
F. Rolandi, S. F..... 116,000

Engineer's estimate, \$120,522.85.
Materials furnished by the state: P. material for new property fences, p. railing, reinforcing steel, corrugated iron pipe and Portland cement. Total, \$15,223.41.

Sutter Co., Div. 3, Route 3, Sec. A.

Taylor & Berliner, L. A.....\$49,790
Chico Const Co., Chico..... 49,587
P. L. Burr, S. F..... 53,451
Tieslau Bros., S. F..... 56,696
L. F. Gerditz, S. F..... 59,461
C. H. & A. W. Gorrill, S. F..... 42,331
Bates, Portland & Ayer, Okla., 51,887
Whitlock & Gorrill, S. F..... 48,916
E. T. Johnson, Portland, Ore., 48,916
Forst City Paving and Construction Co., S. F..... 48,674

Engineer's estimate, \$57,988.06.

Materials furnished by the state: P. railing, reinforcing steel, corrugated iron pipe, Portland cement, and coal aggregate. Total, \$50,555.16.

Los Angeles Co., Div. 7, Route 4, Sec. H.

A. A. Taylor, L. A.....\$391,821
F. A. Keasel, S. F..... 342,500
Robert Sherer, L. A..... 321,483
Chadwick & Sykes, S. F..... 498,707
Lynn S. Atkinson, L. A..... 630,810
Lee Moor Const Co., L. A..... 256,246
A. C. McLean Const Co., S. F..... 215,897
Twoby Bros., S. F..... 300,590
Mahoney Bros., S. F..... 308,561
Richard Rothwell & R. H.

McCray, L. A..... 520,500

Engineer's estimate, \$373,767.25.

Materials furnished by the state: P. railing, reinforcing steel, corrugated

10815113 NOVE. A story and a
franchise, \$18,000. Los Angeles City Ar-
chitect, Charles G. Ford, 124 Arden-
Investment Bldg. J. A. Gower, P.
Blanchard. The building will be
erected in Los Angeles and will
be designed for a restaurant and
with two full and complete
interior outfit will be a prime hard-
wood and will contain 100 ft. of
floor will be the main part of the
rooms. There will be a kitchen and
and open space. Mainly for the
of a restaurant and a full kitchen
the work will be done and will be
equipped with a full kitchen. There
will be a full kitchen and a full
mainly will be a full kitchen and
the hotel will be a full kitchen and

plaster on metal lath. Plans are being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones & Co., Central Bldg., L. A. Owner, John Thomas. The building will be erected at the southeast corner of Seventh and Gladys streets and will cover an area of 52 by 109 feet. There will be three stories besides the hotel entrance and lobby on the ground floor. Upper floors will be arranged for a total of 82 rooms and 20 baths. Interior finish will be largely of pine with some oak in the lobby. There will be steam heat, a hot water system, vacuum cleaning and elevator service. Bath rooms will be finished in tile with composition floors. Patent store fronts will be used. Exterior of the building will be faced with ruffled brick with white stone trimming. Plans are complete and subfigures are being taken.

STORES, OFFICES AND THEATRE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Charles F. Masten and Herold B. Dunn. Van Nuys Bldg., L. A. Owner's name withheld. The building will be erected on West Washington street and will cover a considerable ground area. There will be two stores on the first floor besides a theatre seating 500 people. Upper floor will be arranged for modern offices. Interior finish will be of pine throughout with some ornamental plaster in the theatre. There will be special electric work and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, hollow tile, \$35,000. Sherman, Los Angeles Co., Cal. Architect, Irving J. Gill, 913 South Figueroa street, L. A. Owner, W. L. Dodge, 551 Kinsley Drive, L. A. Contractors, Concrete Building and Investment Co., 913 South Figueroa street, L. A. Contract price, \$35,000.

BRIDGE—Reinforced concrete, \$2,052. Ventura, Ventura Co., Cal. Engineer, County Surveyor, Ventura. Owners, Ventura County. Contractor, Andrew Holloway, Pasadena. Contract price, \$2,052.

PORTLAND AND OREGON

HOTEL—1 story and base, brick and steel, \$125,000. North Bend, Ore. Architect, J. E. Tourtellotte, Rothchild Bldg., Portland. Owners, North Bend Hotel Co. The building will cover an area of 96 by 120 feet. There will be a number of stores on the first floor, the main dining room, office and lobby. Basement will be arranged for a billiard room and cafe. Upper floors will contain in the neighborhood of 80 guest rooms, all of which will have private baths. Interior finish will be of pine throughout. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are complete and segregated figures are being taken.

Contracts Awarded.

SCHOOL—2 story and base, reinforced concrete, \$49,097. Portland, Ore. Architect, F. A. Naramore, Portland.

Owners, City of Portland. Contractor, James Winters, Couch Bldg., Portland. Contract price, \$49,097.

WATER SYSTEM PIPE LINE—\$297,052. Oregon City, Ore. Engineers, Hubert & Rands, Henry Bldg., Portland. Owners, Oregon City. Contractors, Oregon Engineering and Construction Co., Oregon City. Contract price, \$297,052.

SEATTLE AND WASHINGTON

ROUNDHOUSE, SHOPS, ETC.—Reinforced concrete construction, \$150,000. Spokane, Wash. Engineer, Engineering Department O.-W. R. & N. Co., Wells-Fargo Bldg., Portland, Ore. Owners, Oregon-Washington Railroad and Navigation Co. Plans have been completed by the Engineering Department of the O.-W. R. & N. Co. for the construction of a group of buildings which have already been started in Spokane. The estimated cost of these improvements is placed at \$150,000. There will be a group of five structures to be built, which will include a roundhouse, to have eleven stalls; a machine shop, which will be 80 by 100 feet in dimensions; a smaller building and a coaling station to have a capacity of 150 tons. All the buildings will be of brick construction with the exception of the power house, this will be of reinforced concrete construction.

OFFICE ADDITION—1 story. Class A construction. Cost not stated. Seattle, Wash. Architect, Harlan Thomas, Arcade Bldg., Seattle. Owners, Arcade Building. An addition of one story will be made to the present building. The addition will cover an area of 104 by 192 feet and will be arranged for club rooms, dining room with complete kitchen equipment, and five offices. Interior finish will be of pine and hardwood. The present elevator service and steam heat will be extended into the new portion. Plans are complete and figures are being taken.

TO KEEP EVERYBODY WELL AIM OF NEW PROFESSION.

For a long time the universities have been teaching how to cure the sick. Now the University of California is going to train students expressly for a new profession—that of keeping everybody well.

The doctors in the medical faculty have long preached to their students "Preventive Medicine." And the doctors have joined enthusiastically with the University's engineers, chemists, bacteriologists, etc., in establishing this new "Curriculum in Preventive Medicine," for the training of experts whose whole purpose is to prevent anyone from ever being sick enough to need a doctor.

"Graduate in Public Health" will be the degree, and the six-year course will be as long and arduous as that pursued by most physicians.

To give the world a new kind of Health Officer is the University's object. It used to be that a Health Officer was a busy physician who in the intervals of seeing his own patients ran in to tack up a warning of scarlet fever or to investigate a complaint as to somebody's back yard. But now communities have begun to think that protecting everybody's health is enough work to deserve a full-time salary.

There is a great and rapidly growing demand for highly-trained sanitarians and bacteriologists for the service of the city, the state, the school, the army, the nation.

Here are some of the things the University of California will teach to the students who choose the new Public Health Curriculum (just established as the result of the work of a committee including Professors Eugene Woldemar Hilgard, long Dean of the College of Agriculture, A. O. Leuschner, G. E. Stratton, and from the Medical faculty, Dean H. C. Moffitt and Mrs. Wallace I. Terry, W. P. Lucas, and Wilbur A. Sawyer.)

Two years of physics, chemistry, zoology, and modern languages.

Then four years of special professional training, in which the students will learn, for instance:

How a town may get clean water, but how, even if there is no source available except a sewage-polluted stream, a community may yet make such water perfectly safe and good for drinking by filtering it through sand and treating it with bleaching powder to get rid of germs.

How a town may make a sewage farm safe and profitable.

How scientific detective work can find unsuspected human carriers of typhoid or diphtheria and put an end to their spreading of infection. (There were 131 reported cases of typhoid in California in September, every one of them unnecessary now that anti-typhoid vaccination has been perfected.)

How flies, fleas, mosquitoes, and other such dangerous insects, which spread disease, may be got rid of by suppressing their breeding places.

How tuberculosis in California may be lessened by requiring all milk or butter to be pasteurized—unless from certified herds.

How colds, coughs, and various serious diseases may be checked in their spread by using individual paper cups instead of glasses at the punch bowl at parties, by abolishing such foes of health as the common drinking-cup and the roller towel.

How a town may get healthy meat, clean milk, foods which are what they pretend to be, and fly-protected food supplies.

What people ought to eat.

That sewer gas is disagreeable but not dangerous—but how good plumbing should be planned.

How schools, churches, and public buildings may be heated and ventilated so that the air will not be dryer than the desert of Sahara, as many ventilating systems make it.

How to fight occupational and social diseases—including poverty and vice.

How the threatening increase of insanity may be contended with, for much of it is preventable.

How sanitary and social surveys are made.

How effective social service work is done.

How public health systems should be administered.

Why it is that half a dozen California towns have a death-rate more than twice as high as that, for instance, of Berkeley, which is 8.6 per thousand per annum, and how the wickedly needless waste of life of an excessively high death-rate can be stopped, if the world will only apply a little more of what science has already found out. For in

E. H. Williams Chalmer Munday

Munday & Williams
Attorneys-at-Law

Special Attention Given to Building
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these days a town has it in its own power to say whether its death-rate shall be high or low.

FOREST EXHIBITS FOR CALIFORNIA.

Part of the government's exhibit for the Panama California exposition at San Diego leaves Washington this week. This portion has to do with the national forests of New Mexico, and will be shown in the New Mexico building, the exhibit having been prepared in co-operation with the State Board of Exposition Commissioners of that State. The material also shows specimens of the principal timber trees of New Mexico and their uses.

Other exposition material is to leave soon for San Francisco, where it will form a part of the Panama-Pacific Exposition. Part of this is being prepared through co-operation between the forest service and the United States civil service commission. The commission passes on the qualifications of all candidates for positions in the forest service, testing the fitness of those who wish to become forest officers through outdoor examinations in riding, surveying, timber estimating, and similar matters as well as by more conventional methods; its exhibit will illustrate the duties of these officers.


Co-operation also exists, in the preparation of exhibit material, between the forest service and the bureau of education. This shows how forest subjects are used in the public schools, in connection with nature study, commercial geography, agriculture, and the like. One of the exhibits is a display made by the normal school pupils of the District of Columbia, in which a number of those who are studying for teachers' positions entered a prize contest on tree study. Each of the contestants prepared a separate exhibit showing the life history and the products of individual trees, such as white pine, hickory, or sugar maple, its plant.

TO ISSUE \$101,000 BONDS.

The Western States Gas & Electric Company has filed an application with the Railroad Commission requesting authority to issue \$101,000 of its 5 per cent bonds at 82½ and accrued interest. The company proposed to use the proceeds from the sale of these bonds in reimbursing itself for expenditures made for additions and betterments to

FREIGHT SERVICE THROUGH THE PANAMA CANAL.

The Panama Railroad Steamship Line has inaugurated a fortnightly service for the transportation of freight



Veneered Panels that
ARE GOOD—order
today from

There is only one real good Panel—Wybro

After you have tried our panels in the market and you have seen that they are the best you will find that there is no other real veneered panel. It is the only panel—the WYBRO PANEL.

Experiences have shown that it is the original men who will pay for the experience.

Better begin using WYBRO PANELS from now on—make money.

White Brothers

5th and Brannan Streets San Francisco

through the Panama Canal. Cargo may be forwarded by this line direct from New York to Balboa, the terminal port on the Pacific side of the Isthmus, for transshipment there to Panama City, South American, Central American, and Mexican ports. Return cargo will also be taken to Balboa for direct transportation through the canal to New York or for transshipment to Cristobal, the terminal port on the Atlantic side of the Isthmus, to Atlantic ports of Central America and northern South America. The Panama Railroad Co. anticipates that sufficient business will result from this extension of its service through the canal to justify at an early date the maintenance of a weekly schedule.

ASPHALT FROM THE PHILIPPINES.
[J. F. Boomer, correspondent, Manila.]

Since the announcement in Daily Consular and Trade Reports for June 9, 1914, of a discovery of gilsonite in the Philippine Islands, a number of persons have sought more detailed information concerning the deposit. For their information the following data are offered:

A deposit of the variety of hard asphalt known as untalinite or gilsonite has been discovered a few miles inland from the west coast of the island of Leyte, near the northern end of the island. The deposit is said to lie some where between the towns of Villaba and Leyte, on the west and northern coasts, respectively. Large samples of this mineral have been sent to the Insular Bureau of Science, and several competent geologists have examined the deposit for private capital and have supplied the bureau with some of their data concerning the deposit. Up to the present no representative of the bureau has visited the deposit.

The occurrence of the mineral is described by a competent observer as a vein or bed outcropping with a thickness of several feet across the floor of a gully and apparently dipping into the hills on either side at an angle of 10 degrees. The observer was unable to determine whether the material is a bedded deposit conforming to the dip and strike of the shale in which it occurs or whether it is a vein deposit cutting across the shale beds. Near the outcrop there is a petroleum seep from which a heavy oil escapes in small quantity.

Development Work—Analysis and Uses.
A number of mineral claims have been located on the ground in the vicinity of the principal outcrop and some development work has been done by the Bryan-Landon Co., of Boston, U.S.A. Reports that several hundred tons of asphalt had been developed by

this work were published in a Manila paper recently. The observer whose conclusions are quoted above is of the opinion that no such large amount of asphalt has yet been produced, but that the amount mined is probably not in excess of 50 tons. Relative to the conditions of mining it is said that the inflow of ground water and the necessity for heavy timbering to support the shale roof seriously retard the exploitation of this deposit.

The following analysis of a representative sample of the deposit is supplied by the Bureau of Science of the Philippine Islands: Character solid and brittle color, dull, brownish black, fracture, perfect conchoidal hardness, 2 specific gravity, 1.04; penetration at 25 deg. C, 6 deg. 100% of weight at temperature of 73 deg. C. for five hours, 2.28 per cent; total bitumen soluble in CS₂, 58.75 per cent; organic insoluble, 1 per cent; mineral matter, 3.21 per cent; fixed carbon, 7.68 per cent. As stated, this material is classed as untalinite or gilsonite rather than asphalt proper. It is regarded as suitable for use as a protective coating or paint, as a binder in bitulithic paving materials, and as a roofing material. In quality it is considered equal to the gilsonite that sells for \$10 to \$20 per ton in the American market.

GEOMETRICAL STAIRCASE BUILT OF CONCRETE.

What is believed to be the first geometrical staircase ever built of concrete forms a part of the "towered tower" in a museum building that has just been completed in Los Angeles, Cal. The building with its tower is in the quaint ancient Spanish style of architecture and is constructed entirely of poured concrete. The tower is 12½ feet high in the center is the geometrical stairway consisting of 160 steps climbing around an open space only 21 inches in diameter and mounting to a height of 31 feet. Unlike most geometrical staircases including the one in St. Paul's cathedral in London, this staircase occupies only a small part of the tower, space being left for rooms on three floors above and on each of the seven floors. (Popular Mechanics.)

HEIGHT OF SINKS.

A prominent architect in New York recently wrote an interesting paper on the height of sinks and basins in relation to the water level in the drainage basin. He pointed out that the height of the sink should be such as to allow the water to flow freely into the sink without creating a backwater effect. He also pointed out that the height of the sink should be such as to allow the water to flow freely into the sink without creating a backwater effect. He also pointed out that the height of the sink should be such as to allow the water to flow freely into the sink without creating a backwater effect.

specifying that these fixtures be set higher than thirty inches, generally thirty-four or thirty-six inches?

"Women have strained their backs for years over low kitchen sinks, but are now rising in protest against a practice which is almost criminal in its indifference to the comfort of those who are forced to lean over when they might just as well stand straight. I presume it will be a generation before all the old sinks have been changed, but I sincerely hope it will not take that length of time to convince all the plumbers and plumbing supply houses that thirty-six inches is better than thirty for the height of sinks and lavatories, and that washbubs, too, as a rule, have been set too low."—Los Angeles Contractor & Builder.

CONSTRUCTION WORK ABROAD

CANADA.

[Consul Abraham E. Smith, Victoria, British Columbia.]

New Cement Plant on Vancouver Island

A large cement company, known as the Associated Cement Co. of Canada, has been organized to start a large plant near Victoria, on Vancouver Island. The official Dominion Gazette announces that a company has been formed with \$2,000,000 capital, largely subscribed in Toronto. It is an enlargement of the concern known as the Bamberton Co. The new plant will start operations at the beginning of the new year and will give employment to over 200 men.

The rate payers of Saanich municipality have voted favorably on the expenditure of \$900,000 on paving and waterworks.

CHINA.

[Consul General Julian H. Arnold, Hankow.]

Hankow Improvements to Cost \$500,000.

The local manager of one of the foreign banks confirms the report of the conclusion of a loan agreement between Samuel Samuels & Co., London, and the Chinese Government, whereby Samuel Samuels & Co. are to furnish at the expiration of the present war the sum of \$10,000,000 (\$50,000,000 in round numbers), a portion of which is to be expended on the construction of a bridge across the Yangtze River and one across the Han River, connecting the Wuhan cities Hankow, Hanyang, and Wuchang, and permitting the Hankow-Szechawn, and Hankow-Canton Railways to enter Hankow city. Such portion of the loan as is not used for the two bridges (it is estimated that these bridges will cost less than \$5,000,000) will be used in the reconstruction of the city of Hankow along modern lines. The agreement, so it is reported, grants to Samuel Samuels & Co. the exclusive right to furnish such foreign materials as are necessary in the construction work.

J. W. FISH MARRIED.

One of the greatest surprises sprung on the building community for a long time was the recent marriage of John W. Fish to a charming woman many years his junior, a sweetheart of early days.

J. W. Fish was one of the founders of the old Builders' Association of California when that organization held forth at 330 Pine street, and in those days Mr. Fish was a prominent contractor, but like other successful men,

retired from active work to enjoy life.

Here's long life, health and happiness to John W. Fish and his bride.

WILL CONSTRUCT ASPHALT PLANT.

Preparations are now being made by the Blanchard-Brown Co., 660 Market street, for the complete construction of an asphalt plant covering the block bounded by Geneva and Niagara Aves., Tara and San Miguel streets.

The company has filed application with the Supervisors for permits to install and maintain a 12,500-gallon oil storage tank and 45-horse power boiler to be used in furnishing fuel for the operation of the plant.

An application has also been filed with the Board of Public Works asking for a permit to construct a frame building which will be erected on the same property to house the machinery.

WANT BIDS ON STREET WORK.

Specifications have been approved and bids will be received by the Board of Public Works until December 23rd for the improvements of Fifth avenue between Geary and Fulton streets.

STEEL TONNAGE.

NEW YORK.—The unfilled tonnage of the United States Steel Corporation on November 30 totalled 3,324,592 tons, a decrease of 156,105 tons from October

A BASE BALL GAME HELD UNDER THE AUSPICES OF THE S. F. A. C.

It has been long contended which are the better as athletes the Contractors or the Architects. There being no other peaceful means of settling the dispute a base ball game was arranged between the warring factions. To the surprise of many the thin, weak, but brainy architects overcame their stout, strong and giant-like foes.

We sincerely hope that for good of the architects the question of superiority will not arise again, as many architect ball-players will not feel inclined to mount the field after they get through doctoring up their sore arms.

The score was 16 to 12 runs in favor of the Architects.

The Contractors line up was:

Jacobs, S. S.; Greenwood, R. F.; Mero, 2d B.; Reininghaus, P.; Cohen, 3d B.; Mehrrin, 1st B.; Ludacher, C.; Pfliugger, L. F.

Contractors' Umpire, Greenwood.

Architects' line up:

Williams, R. F.; Helm, 2d B.; Norberg, L. F.; Mellin, 3d B.; Tellefsen, 1st B.; Shalk, C.; Brown, S. S.; Lowenthal, C. F.; Flanders, P.

AN ELECTRIC HOTEL PAGE.

Among the many recent devices for aiding the hotel man is the system now in operation at the Wallack and Continental hotels of New York City, which speaks the name of a guest in clear and distinct tones, in the many public rooms.

No longer is it necessary to dispatch a boy to locate Mr. Jones or Mr. Brown, for where this instrument (the Callophone) is in use, the operator or clerk merely speaks in an instrument which resembles an ordinary telephone, the name of the guest desired, and his voice is reproduced at

the several different points, the guest upon hearing his name called, answers from where he may be sitting, apparently speaking to the air, but so sensitive is the Callophone that the operator has heard his answer and with a slight movement of his hand he cuts off all other rooms and gives the guest the desired message.—S. F. Hotel Journal.

OREGON HOTEL STATISTICS.

According to statistics compiled by Labor Commissioner Hoff of Oregon, there are 1360 hotels in that State, and they furnish employment to a total of 13,241 people, at wages aggregating \$8,440,500. Of this number of people employed, 4447 are females and 8894 males. The average wage of the former is \$9.50 a week, and of the latter \$13.50. Board and lodging are included in both instances.—S. F. Hotel Journal.

WILL ERECT BIG ELECTRIC SIGN.

The Brumfield Electric Sign Co., 18 7th street, has filed application with the Board of Public Works for a permit to construct a large electric sign on the roof of the Westbank Building at the corner of Market and Ellis Sts. The sign will be of galvanized iron construction and is being erected for the Santa Fe Railroad Company. It will cost approximately \$2,000.

CONTRACTS GIVEN FOR SIX DESTROYERS.

Mare Island Navy-Yard to Build One Ship for Less Than Private Companies.

WASHINGTON.—Secretary Daniels awarded contracts last Saturday for the construction of the six destroyers authorized by the last naval appropriation bill as follows: Fore River Shipbuilding Company, two ships, \$795,000 each; Bath Iron Works, two ships, \$800,000 each; Cramp Shipbuilding Company, one ship, \$830,000.

The sixth ship will be constructed at the Mare Island Navy Yard which submitted an estimate of \$626,437 for one ship. It will be the first destroyer built in a government yard.

The appropriation bill limited the amount to be paid for each destroyer to \$925,000, but made no provision for more than six vessels.

SAN FRANCISCO ARCHITECTURAL CLUB ATTELIER.

Class A. Projet III.

Class B. Esquisse Esquisse III.

Saturday, December 19th, 1914.

LEO F. STARKS,
Grand Massier.

C. P. MOORE PASSED AWAY.

After a lingering illness of many months, Charles Parker Moore, for many years actively engaged in the contracting business in San Francisco, passed away at his late residence in Corte Madero, Marin Co., last Tuesday.

Mr. Moore served the old Builders' Association of California as its Treasurer for many years. He was one of the organizers of that association and filled all the responsible positions.

Decensed was 65 years of age. The funeral ceremony will be held today (Friday) under the auspices of Fidelity

Lodge of Odd Fellows from their Hall, 7th and Market streets, at 11 o'clock A. M.

CEMENT A GOOD FIRE FIGHTER.

One of the young engineers in the engineering department of the Universal Portland Cement Company in Chicago, pointed out the following facts to be used October 9, which was designated by governors of several states as Fire Prevention Day.

Results of a fire which occurred March 6, 1914, in a teaming company's barn, a reinforced concrete building, are compared with what occurred in a barn of a transfer company, both in Chicago: Barn of teaming company—Damage: Two hundred tons of hay, 15 tons paper, 25 tons lumber, completely destroyed; \$200 estimates total damage to building. Transfer company barn—Destroyed: Building and contents, including two hundred and sixty-seven horses. Saved, because of fire-trap building, absolutely nothing. (The barn was rebuilt of reinforced concrete).

A representative of the company says: "While reinforced concrete buildings do cost more than fire-trap construction, the saving on fire insurance on the building and contents, the depreciation in value of the building, expenditures for repairs, vermin losses, and the purchase and maintenance of fire-fighting apparatus quickly exceeds the extra amount expended on the initial cost of the building."

A FEAT IN ENGINEERING.

About two weeks ago was completed an extremely difficult feat in engineering at North Transcona, Manitoba.

In October, 1913, a big concrete grain elevator, weighing 20,000 tons empty and 50,000 tons full, toppled over and rested at an angle 27 degrees off plumb. The soft blue clay under the foundation had given way.

An engineer braced the bid structure up, put 70 concrete pillars under it for a new foundation and jacked it into place. The structure is absolutely intact and the foundation is now much stronger than it was originally, as the pillars reach through the clay to bed rock.

Engineers say that the above was a harder task than would be the straightening of the leaning tower of Pisa.

NEED OF AMERICAN AGENCIES IN CHINA.

[Consul General Julian H. Arnold, Hankow, Oct. 22.]

Great care should be exercised in the choice of agents in China to represent American firms. A representative of a large American concern recently stated that his company had given the agency for its products to a large and reputable European house in China, which had sent the American plans, prices, etc., to its European connections for use in making up competitive prices. It is said, too, that foreign firms sometimes accept agencies for American goods to keep American firms out of the field or to obtain models for imitation. It would seem, that unless American manufacturers are in a position to know that the foreign firms with whom they would intrust their agencies will

properly represent them it would be better to intrust agencies to American firms only.

OPENINGS FOR AMERICAN GOODS IN AUSTRALIA.

[Consul General John P. Bray, Sydney, Sept. 16.]

From the many inquiries made at the Sydney consulate general by buyers and indenters since the outbreak of the present European war it is evident that the interruption of industrial activities in some of the European countries will divert many orders to American factories. The American commercial directories kept on file are being freely consulted, and every possible assistance is given to the representatives of local importing firms who call seeking information. The opinion is generally expressed that the present is America's opportunity to secure a largely increased share of Australia's import trade.

Australian Buyers Leaving for the United States.

An indication of the trend of trade toward the United States is the fact that several representatives of Australian importing concerns have left for San Francisco with the object of securing agencies to supplant those formerly held from Continental manufacturers. The Oceanic Co.'s steamer Ventura, which sailed from Sydney on August 29, took at least three buyers of pianos, organs and other musical instruments, all of whom had previously dealt on a large scale in certain Continental goods. The feeling that certain lines of articles will not be popular in this market for a long time to come is widely entertained, and it is to prepare themselves for the changed conditions that these early visits to the United States are being made.

One Week's Inquiries.

It will probably be interesting for American manufacturers to know just what is being asked for in Australia through the agency of this consulate general. The current week's record shows inquiries for the names of American exporters of pianos, organs, oil heaters, acetate of soda, beer, resin, glass churns, cement sheets, asbestos sheets, steam engines (portable), parchment paper, vegetable parchment paper (for wrapping butter), X-ray apparatus, cardboard boxes, art glass, silk underwear, men's shoes, tartaric acid, carousels, brush ware, stationery, enameled ware, advertising novelties, toys, electric light fittings (globes), dyestuffs, and stereotyping sundries. In every case the lists desired were supplied.

Imports from Continental Countries at War.

The following is a partial list of the principal articles imported into Australia during 1913 from the Continental countries now engaged in war.

Cement, Portland China and earthen ware, electrical materials, not machinery, furniture, etc., glass, glassware, India rubber and manufactures of, Iron and steel, Bar, rod, girders, etc., galvanized and corrugated sheet, pig and scrap, pipes and tubes, rails, fishplates, etc., Metal manufactures, n. e. s., Agricultural implements and machinery, cutlery, machinery, nails, tools of trade, barbed wire, other wire, wire netting, paints and varnishes.

Credit Features.

The question of credits plays an im-

portant part in the import trade here upon its adjustment to a new and equally satisfactory to buyers and sellers. Each country's exports are a general estimate of the credit system now prevailing, imports placed at 100 per cent of the total on a cash payment document, 100 per cent on a 30-day bill with interest at 6 per cent, and 100 per cent on a longer term with interest at 6 or 6 1/2 per cent.

American manufacturers have in the past shown considerable unwillingness to depart from the cash and documents plan. There may be developed just here a hardship on the importer, and a resultant restriction of the American aggregate of foreign business done. Goods that come to Australia by cargo steamer from New York do not arrive until long after the mail dispatched at the same time by express steamer has been received. Documents covering a shipment by the cargo boat may and often do, reach the consignee a month in advance of the goods. It is easily apparent that this custom will not meet with favor if insisted upon. The Australian importer, in many instances a dealer himself, must give credit of varying length to his customers, and yet he may be required to pay for his stocks, as above explained, before he has seen them. Even when goods are shipped from the United States direct to Sydney via the swift vessels of the Oceanic line out of San Francisco, which also carry the mails, the "cash against documents" requirement may be inconvenient.

The big Australian importers, the long-established and financially strong concerns, do not, as a general rule, ask for credit, preferring to take advantage of any discounts for prompt settlement that may be offered, but the smaller houses doing business on limited capital are oftentimes compelled by circumstances to get as advantageous terms of payment as possible. British manufacturers are far more lenient in this respect toward Australian buyers than are those in the United States, and consequently the small importers are attracted to the British market by necessity.

Rating Easily Obtained.

The presence in Australia of a chain of offices of the well-known mercantile agency of R. G. Dunn & Co. makes it possible for American exporters to get ratings on Australian firms in the same way that information is procured in the United States. The average reliability of Australian houses is high, and credit is accordingly stable.

Bank "acceptances" play a relatively small part in the import trade of Australia. The general terms of credit offered by representatives of American manufacturers are in the form either of letters of credit furnished by the importer, payable in New York, London, or locally, or of direct drafts at 20 or 60 days' sight with shipping documents attached. The documents are delivered only on payment of drafts, although in exceptional circumstances and where no risk is incurred an acceptance of draft goods are shipped on open credit except where a trial shipment is made, and even then it is customary to draw for 50 per cent of the total cost first.

Transportation Facilities.

Since the outbreak of the war in Europe there have been no interruptions in the movement of American goods to Australia, several of the large boats carrying the German war

were diverted from their original destination. The trans-Pacific service of the Union Steamship Co. from Vancouver, British Columbia, and San Francisco to Sydney via New Zealand have been interfered with but slightly, and the American ships of the Oceanic Co. of San Francisco, have followed their four-weekly schedule without delays. Undoubtedly the present offers unusual opportunities for neutral vessels from the United States to the ports of belligerents. In ordinary times in the recent past three or four ships each month have arrived in Australasian ports from New York. There have been three boats each month from the western seaboard of America two British and one American. These have covered fairly well the requirements of Australia's imports from America, but probably if there were still further facilities available there would be more business done. Shipping houses that charter foreign tonnage are prone to show preference to lines that pay highest rates; thus many bulk lines, such as cement, tiles, rock salt, etc., are seldom found on American outward manifests, whereas were there American boats running on regular schedule there would frequently be found room for these less profitable cargoes, which are in good demand in Australia.

Moratorium and Embargoes.

Although the Parliaments of the Australian States have provision for the proclamation of a moratorium should occasion arise, no such decree has been issued. The Federal Government has, however, prohibited the export of meat, wheat, and flour to any points outside the British dominions except by permit issued, in exceptional cases, by the Minister of Trade and Customs. A later prohibition was made with regard to sugar. Applications for permits of this order are now pending in the case of certain shippers on American account, the probability being that, in restricted quantities, the goods specified will be allowed to go forward.

The following is a partial list of the principal exports during 1913 to Continental countries now at war: Copper: Ingot and matte. Lead: Pig and matte. Timber, undressed. Tin.

EXPOSITION NOTES.

Reaffirmation of the participation of France in the Panama-Pacific International Exposition was made in a telegram sent to A. Legallet, President of the Auxiliary French Committee in San Francisco, by A. Tirman, General Commissioner for France to the Exposition, on November 22nd.

The Minnesota State Building at the Panama-Pacific International Exposition is to be a distinct novelty in exposition structures according to the plans received by the Division of Works for the Panama-Pacific International Exposition. The building or buildings, will take the form of model farm house with out buildings and will serve the double purpose of model farm and social headquarters for visitors. It is to be surrounded by lawns, orchards and all the appurtenances of the farm.

From England and Holland there arrived on November 23, 123 tons of rare blossoming shrubs and bulbs consigned

to the Horticultural Department of the Panama-Pacific International Exposition. With these was a large assortment of unnamed roses entered in the \$1,000 competition.

One thousand tons of exhibits consigned by the Chinese Government to the Panama-Pacific International Exposition left Shanghai on one of the big liners for San Francisco and arrived December 1st. The Chinese Pavilion is practically completed.

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Hunter, R. J., expert cabinet maker, 2156 Telegraph Ave., dealer in mahogany, antique and all kinds of furniture; repairs and polishing; Telephone Oakland 3735.....	3
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LEAVE KEY ROUTE FERRY.

Leave	Daily except as noted.
8:00A	Bay Point, Diablo and Way Stations.
9:00A	Sacramento and Pittsburg only.
	Carries Parlor Observation Car.
11:00A	Sacramento, Pittsburg, Bay Point.
11:20A	Bay Point and Way Stations.
1:00P	Sacramento, Pittsburg Bay Point.
1:40P	Concord and Way Stations.
3:00P	Sacramento, Pittsburg, Bay Point.
4:00P	Bay Point and Way Stations.
4:40P	Pittsburg, Sacramento, Marysville, Colusa, Orville and Chico, Observation Car.
5:15P	Concord, Diablo and Way Stations, except Sundays.
6:00P	Pittsburg and Way Stations.
8:00P	Sacramento, Pittsburg & Way Stations.



OAKLAND, ANTIOCH & EASTERN RAILWAY

Key Route Ferry, Phone Suter 2339.

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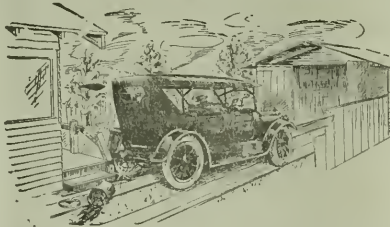
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Building and Engineering News

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of the Pacific Coast.

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Editorial Comment.

At this season of the year when we are to preach and practice the teachings of the master, "Peace on earth, good will to men," it is certainly hard to realize that most of the "civilized" world are in the death grips of a world war. And these are the peoples that profess to be the followers of the Christ, whose birth date marks the beginning of our calendar and who taught the Fatherhood of God and the Brotherhood of man. It is hard to realize that such things as this war exists and is as a dream, the facts of which are well described by Chester Rowell in the Fresno Republican:

The Christian world has revealed the Ten Commandments and the Golden Rule. The industries, the education, the science and the philanthropy of half the world are suspended. The majority of the able-bodied men in Europe are now freezing and soaking in harrowed trenches, and killing each other by the hundreds of thousands. The two civilizations to which the world has owed most of its progress for a thousand years are now pitted against each other, each announcing that it can survive only by the destruction of the other. The war so far is a deadlock. Neither side expects to gain much with the troops now in the field. These will destroy each other, and the victory will go to whoever can send in the most after these are gone. France and Germany are now drilling boys from fourteen to eighteen, and old men from forty five upward, for the final decisive slaughter after the middle generation is destroyed. Individual liberty has disappeared, and the modern status of woman has been forgotten. Women have only two purposes left—to grub the fields, while the men are gone, and to bear children, who shall rehabilitate a Europe of generation after next. With brutal directness as an avowed governmental policy the soldiers have been bred to their women before being sent out to die that the breed may not disappear. And in Germany, the brood women will be cared for by the state, so that the ranks of recruits for the levy of 1925 may not be jeopardized. But in Belgium there is no state to care for them. There, in the course of nature, the birth rate must go on as usual for several months—and all the babies will starve to death. Born in an improvised shelter by the roadside, to a mother whose ration is one baker's bun and one bowl of cabbage soup a day, babies by the thousands are coming into the world in Belgium. On that ration, mother's milk does not exist. There are no cows in Belgium, and milk can not be had for money, with love or crime. Calmly, the world

recognizes that there is no other way to survive. But each individual mother is fighting to the last limit of desperation to save her own child, and if she is a beg or stent one of the few who are condensed milk that can be sent into the country she will do it. In some parts of Poland the conditions are nearly as bad. And with most of the wage earners of Europe drawing a cent a day in the army, the individual problem of the women and children of the poorer classes must be desperate. There is not a family in Europe today that knows whether all its members are dead or alive. Every household in Europe is looking daily for the report of the death or maiming of some member, and few are long disappointed. No propertyed family in Europe knows how soon it will be penniless, and no laboring family knows how soon its surviving members may be starving. No nation in Europe knows whether it will exist next year. The laboratories of Europe, where the secrets of nature were being delved for the relief of human ills, are all closed. No one writes books, paints pictures, composes music, or discovers new truths. Among the millions in the ranks must be some whose genius would have ennobled the world forever—and they will be killed. Among the scientific researches left unfinished must be some which would have transformed the life of the world forever and they will never be resumed. The current of civilization has been turned backward, into a raging torrent of barbarism.

It is a dream a nightmare. But there is no power to awaken the world from it.

While the building business along with all other businesses has not been as prosperous during the past year as one could wish still San Francisco and the bay cities have fared as well as anywhere else in the country. And so far as this country is concerned we are happy to be free from fighting alliances that might have involved us in the world war, where instead of attending to such business as we have it would be our duty to go out and die. In view of the situation then we have reason to rejoice that things are as good as they are that we are doing the orderly thing, we are not lives and property in a hair's breath. So with the recurrence of the Yearly Season the "Business" again will be reached, a Merry Christmas and a happy new year.

In paying the wages where there are strikes the owner or stockholder in Nevada the same amount of money is paid by interest at 10 per cent and the interest is the same as the principal, much better than the usual 5 per cent, but probably a good deal.

Development in Workmen's Compensation.

G. D. Crain in *The Wood-Worker*.

Some time ago the writer contributed an article to *The Wood-Worker*, discussing the status of workmen's compensation and pointing out that it is bound to come and that woodworkers should get ready for it. In the course of the article the prediction was made that the liability insurance companies would ultimately adopt an analytical schedule of rating, similar to that used as a basis for establishing fire insurance rates, for the purpose of separating the sheep from the goats—penalizing factories where the accident hazard is excessive, and giving credits in the insurance rate to the plant where the danger has been eliminated as far as possible. This has now come to pass.

Under the old system of doing business insurance companies made rates based on their experience with an entire class. Every risk in that class was charged the same rate. It was realized that this was quite inequitable, and made the progressive manufacturer, with the well-equipped plant, help carry the burdens of the concern which paid no attention to safety ideas, and had as many accidents as it pleased. Of course, no manufacturer wants his men to get hurt; but some of them don't feel strongly enough on the subject to do everything they can to keep them from getting hurt! The reason the companies did not go further and inspect every risk was because of the incidental expense involved, which, undoubtedly, would have been large, and would, of necessity, have been passed on to the insured, and because they seemed to be doing very well as it was.

With the arrival of workmen's compensation in many states—twenty-four now have such laws—several things became evident. One of them was that a great many more losses would have to be paid by the insurance companies carrying the employers' liability under the law than before, because in every instance the law wipes out the old common-law defenses of contributory negligence, fellow service and voluntary assumption of risk. By pleading these defenses the employer, in a great many cases, was able to escape payment of a claim for damages, and the insurance companies likewise got off. As the rate was based on the amount of losses that had to be paid this meant that premiums were proportionately lower than they could possibly be under workmen's compensation, when every accident means a payment of loss, with extremely few exceptions.

In other words, the compensation law does not stop to ask, "How were you hurt? Was it your own fault? Did one of your fellow-employees cause you to get hurt? Did you know when you took the job that you were likely to be injured?" It merely finds the facts about the accident, and requires payment according to its seriousness and the amount of time lost by the employee. And all right-thinking people will admit that this

is as it should be, and that the operator of a machine, who gets hurt while trying his best to earn his wages, ought not to be deprived of his living during the time that he is incapacitated. Few people inflict self-injury, or desire to undergo the pain and loss of physical capacity that invariably go with an injury.

That was one of the things the insurance companies realized—that there would be more losses. Another was that they would lose a lot of business unless they made a change in their system of rating. They saw at once that if they were going to insure everybody, the good and the bad, the average rate would be so high that those with "preferred risks," the people who had cleaned up their factories and were due to have a minimum number of accidents, would not want to pay it, but would either insure with the state or form mutual companies of their own. In only eight or nine states has an attempt been made to administer the insurance feature, whereby the state collects the premiums, pays the losses and looks after the insurance situation generally. However, owing to the fact that lower rates are usually quoted, at least to begin with, by the state than by the insurance companies, this has been a popular move and has naturally attracted a great deal of business. Thus, the insurance companies found themselves in competition with the state, and also realized that the state was inclined to be a rate-cutter.

That has put it up to the companies, first, to eliminate the extremely bad risks by putting the rate high enough to be prohibitive, and, second, to give the good risks such a low rate, by crediting them for improvements, that the cost of insuring with the stock companies would not be enough greater than the state to make it an inducement to go with the state in its insurance plan. The companies have therefore put into the field the Workmen's Compensation Bureau, which has charge of the application of what is known as the "universal analytic schedule for the measuring of relative work accident hazards in manufacturing industries." This is a very imposing title, but the purpose is about as indicated above.

Under this method an inspection is made of each plant individually, and an individual rate is made for it. It is claimed by the companies, and with a good deal of logic, that such a plan is sure to promote the "safety first" idea, because the employer, knowing that he is to be penalized for failure to put his machinery in good shape, is practically certain to do his best to eliminate the risk to as great an extent as possible. Instead of being merely a humanitarian and progressive proposition, it becomes a matter of dollars and cents, and investments in guards and other safety devices begins to pay dividends in reducing his rate.

After a plant has been inspected a summary is made of the charges and credits. If in this summary, the charges exceed the credits, the basic rate is increased. If, on the other hand, the credits exceed the charges, the rate is reduced to that extent. Thus there is every inducement for the employer to go as far as possible in the direction of improving his "house-keeping," to the end that he may get the lowest possible rate. A statement of the new schedule, which is of interest to every wood-worker for the reason that sooner or later (depending on the speed with which a compensation law is enacted in his state) it will be applied to his factory, is as follows:

No general building charge is made for a plant which is four stories or under; above four stories charge is made for fifth floor and upwards.

A charge is made for defective foundation, for overloaded floors, also if the roof tank and its supports are defective or inaccessible for inspection.

Defective condition of floor surface, such as protruding nails, loose boards, etc., is charged for.

Floor opening and hoistway openings should be protected by standard railing or toeboards. If not a charge is made.

Poorly lighted stair flights, flights with defective treads, or those not provided with standard handrails, are charged for.

Runways or platforms over 4 feet from floor level should be protected with handrails and toeboards.

Dangerous conditions in or about boiler room, including unguarded engine flywheel and lack of efficient governor on engine, are defects that will be charged for.

Imperfect electrical equipment, unguarded sets of gears, unguarded vertical or inclined belts, horizontal belts with less than 7-foot clearance, vertical or inclined shaft without guards, transmission shafting with less than 6-foot clearance, unprotected dead end of shaft within 6-foot of floor level, unprotected set-screw, unprotected coupling with protruding nuts, bolt heads, keys and pins, and failure to provide belt-shifters, are all included among the defects, and a charge is made for each of them.

Fire exits and escapes must be sufficiently numerous and properly arranged to avoid a charge, and there must also be ample fire-lighting appliances.

A charge is made for overcrowded conditions, obstructed aisles, poorly piled material, and for poor conditions as to light, ventilation, sanitation, general order and care. This takes in all the of the features of housekeeping and plant management generally.

Hazardous conditions in yard, including poorly-piled material, which is likely to cause collapses resulting in injury to employees, are taken note of.

It is required, to avoid charges, that each grinding wheel over 8 inches diameter be mounted with safety

ington, the 1,200 fires which were handled by the department threatened upwards of \$21,000,000 worth of timber. And these figures, according to the department experts, do not include the value of non-merchable timber and young growth on about 5,000,000 acres of land, and several million dollars worth of ranch and other private property which lay in the path of the threatening conflagrations. Figures are not yet gathered of the precise amount of damage threatened by fires in California and other national forest states, though they are expected to add large amounts to the total value of the property threatened and saved.

INCORPORATIONS

The Casa Company. To deal in real estate. Capital Stock, \$20,000; 20,000 shares at \$1 each; amount subscribed, \$3. Place of business, San Francisco. Directors—Chas. Urks, N. Cohn and A. W. Roberts, 1 share each.

Western Exploitation Company. General real estate business. Capital Stock, \$10,000; 100 shares at \$100 each; amount subscribed, \$300. Place of business, San Francisco. Directors—J. B. Giffen, F. L. Giffen, W. C. McFarlan, 1 share each.

Exchequer Gold and Silver Mining Company. Cert. Copy. To deal in mines, mining claims and land. Capital Stock, \$500,000; 100,000 shares at \$5 each; amount subscribed, \$125. Place of business, San Francisco. Directors—C. Hirshfeld, E. P. Barrett, W. P. Henry, W. C. Ralston and G. C. Snider, 5 shares each.

Alpha Consolidated Mining Co. Cert. Copy. To operate and control mines, mining claims and property. Capital Stock, \$255,000; 105,000 shares at \$5 each; amount subscribed, \$125. Place of business, San Francisco. Directors—C. Hirshfeld, G. C. Snider, W. P. Henry, W. C. Ralston and A. F. Coffin, 5 shares each.

Newport Estate Company. To deal in real estate. Capital Stock, \$50,000; 5000 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—J. B. White, P. M. McAuliffe, S. S. Stevens, 1 share each.

Sonoma County Tubercular Sanatorium, Incorporated. To conduct sanitariums, hospitals and health resorts. Capital Stock, \$75,000; 100,000 shares at 75c each; amount subscribed \$7.50. Place of business, San Francisco. Directors—E. K. Smith, G. R. Hubbell, K. F. Sullivan, J. T. Wise and J. H. Morris, 2 shares each.

R. S. Corporation. To manufacture and deal in automobiles. Capital Stock, \$75,000; 750 shares at \$10 each; amount subscribed, \$30. Place of business, San Francisco. Directors—L. H. Rose, P. Smith, H. G. Dinkelspili, 1 share each.

California State Division League. To secure the division of the State of California. No Capital Stock. Place of business, San Francisco. Directors—Albert Assur, W. M. Dean, J. S. A. Macdonald and N. B. Anderson.

The London To South Pole Exhibition Company. Cert. Copy. To produce descriptive exhibitions. Capital Stock, \$90,000; 900 shares at \$100 each; amount subscribed, not given. Place of business, Dayton, Ohio, 6 directors. B. and W. Specialty Company. To design and sell forge blowers, vacuum

cleaners, suction fans, etc. Capital Stock, \$25,000; 25,000 shares at \$1 each; amount subscribed, \$15. Place of business, San Francisco. Directors—A. J. Bowie Jr., J. W. White Jr., J. F. Barnett, 5 shares each.

Pacific Maine Supply Company. Cert. Copy. To deal in vessels and do a general commission business. Capital Stock, \$100,000; 1000 shares at \$100 each; amount subscribed, \$20,000. Place of business, San Francisco. Directors—H. Leir, 95 shares; A. Liebenthal, 90 shares; S. O. Meyer, D. J. Guggenheim and C. L. Ackerman, 5 shares each.

United Program Film Service of California. To deal in a general film business. Capital Stock, \$60,000; amount subscribed, \$41; 60,000 shares at \$1 each. Place of business, San Francisco. Directors—S. Salomon, J. L. Warner, P. Franklin, I. S. Warner, 1 share each.

Kashukogyo Kabushiki Kaisha. General amusement and theatre business. Capital Stock, \$20,000; 400 shares at \$50 each; amount subscribed, \$2050. Place of business, San Francisco. Directors—T. Nakamura, S. Oica, I. Sugaryaina and S. Akishige, 10 shares each; F. Taniguchi, 1 share.

California Improvement Association. To deal in real estate. Capital Stock, \$25,000; 250 shares at \$100 each; amount subscribed, \$5000. Place of business, San Francisco. Directors—H. R. Berry, 41 shares; F. C. Markeand, 4 shares and Jos. Eastman, 5 shares.

Gold Star Mining Company. To operate mines and deal in its products. Capital Stock, \$500,000; 500,000 shares at \$1 each; amount subscribed, \$500. Place of business, San Francisco. Directors—E. O. McGrath, H. L. Corson, C. V. Lodge, A. J. Reise and A. C. Bothe, 100 shares each.

Con-Virginia Mining Company. Cert. Copy. To deal in mining lands and claims. Capital Stock, \$2,160,000; 2,600 shares at \$10 each; amount subscribed, \$350. Place of business, San Francisco. Directors—N. T. Messer, H. Zudig, C. Hirshfeld, C. H. Fish and T. F. Fish, 5 shares each.

CO-PARTNERSHIP.

Eugene Dimmer, J. R. Eoff, Jennie Dimmer as Dimmer Hardware Co.
Henry Karp as H. Karp & Son.
Peter G. Zaro as Universal Auto Repair Co.

NOTICE OF NON-RESPONSIBILITY.

Dec. 21, 1914—E FILLMORE 60 N Lombard N 25E 110. Walter J Engle as to improvements on leased property
Dec. 22, 1914—S CHESTNUT 100 E Steiner E 22-24 S 137-6 W 16-04 S 37-6 W 6-24 N 175. Apollonie Darregeauche as to improvements on leased property.....

DECREASE OF CAPITAL STOCK.

Con-Virginia Mining Company from \$2,160,000 to \$216,000 of 216,000 shares at \$1 each.

PLANS FOR RAILWAY EXTENSION ORDERED.

The Board of Public Works at their regular meeting yesterday ordered plans and specifications prepared by the City Engineer for the extension of the Municipal Railway on Church street.

FINK & SCHINDLER GET BOOTH CONTRACT.

The Fink & Schindler Company has been awarded the contract for the erection of the booth for the Vano-scope Company of New York City. This booth is to be located in the Palace of Liberal Arts.

Nearly \$300,000,000 has been spent annually by Americans traveling in Europe for several years past. This is an enormous sum of money and it represents a traveling public of many people. This will be entirely changed this year for these people can not go to Europe even if they wanted to. And in view of this condition of things is safe to assume that at least a reasonable percentage of this travel will be diverted to the Pacific coast and that not a few will visit the Exposition instead of taking a trip to the continent.

It is a fact that most of the people who acquire wealth wish to display it in ostentation and it is safe to say that half of the people who go to Europe go there simply to say they have traveled on the continent. Most of them have seen little of the wonders of their own country, and if it is the fashion to come to the Pacific Coast this year they will all come and view the Exposition.

Aside from this there is a growing feeling among the people generally that the thing to do is to "See America First." In that case California is the place to see. It is the wonderland that has the infinite variety and charm. It has the highest mountains, the greatest ocean, the biggest trees and the bluest skies. It possesses within its bounds all the climates, all the vegetation, all the beauties of the world. And while other places have a single thing of beauty or grandeur they can all be seen here and the traveler who would see America must see California or miss the main part of the show. The next year ought to be a banner year for American tourists in California and while the Exposition may suffer from the war in some ways it will profit in others.

THE LATEST OF OUR GREAT RAILWAY STATIONS.

Nowhere are there to be found such noble terminal and union station buildings as now exist in the United States. Foremost among these are the new Pennsylvania station and the new Grand Central Station in New York; but outside of New York there are other monumental buildings which are scarcely second to the two mentioned in importance. The latest of these to be opened is the Union Station in Kansas City, Missouri, which was opened to traffic on November 1st of this year. The building, of classic design, is monumental in size and of dignified and harmonious proportions. The central portion of the building contains a main hall 240 by 103 feet and 92 feet high. The waiting room is 350 by 75 feet. The total cost of the station, approaches, new belt line and the new terminal works represents an output of over forty million dollars.—Scientific American.

ADVANCE NEWS

Classified according to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Edward E. Young, 51 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. The building will be erected at the southwest corner of 10th avenue and California street and will cover an area of 25 by 71 feet. Interior has been arranged to contain six modern apartments of two and three rooms. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be a hot water supply. All suites will have wall beds and private bath rooms. Tile floors and wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. A klinker brick base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$120,000. Architect, C. H. Skidmore, Hearst Bldg., S. F. Owner, Dr. C. F. Buckley. The building has been designed for a high class apartment house which is to be erected for Dr. C. F. Buckley on his property on O'Farrell street west of Larkin. The lot to be improved is a key-lot, having a frontage of 30 feet on O'Farrell, 70 feet on Larkin and 120 feet on Olive avenue. The building will be a five-story and basement structure of reinforced concrete. The building will contain a total of 85 suites of two and three rooms besides a large lobby and palm court on the first floor, hall room and social rooms in the basement and a large sun garden on the roof. Interior will be finished in circassian walnut, pine and ornamental plaster. The main lobby and palm court will be finished in marble with a tile floor. Both the palm court and main lobby will be 30 by 50 feet. Plans provide for steam heat, a complete oil burning system, automatic elevator, electric dumb waiters, hot water system and vacuum cleaning. Bath rooms will be finished in tile with tile floors and wainscot and will have high class plumbing fixtures. Wall beds are specified for all apartments. The exterior of the building will be faced with pressed brick.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$19,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected at the corner of California and 19th avenue, and has been designed to contain a number of two, three and four room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine and elm panels. Hardwood floors will be used in the living rooms and dining rooms. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in marble and tile. Exterior of the building will be

covered with rustic and smooth plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$90,000. Architect, August Nordin, Mills Bldg., S. F. Owner's name withheld. The building will have a complete steel frame and will be erected on the north line of Ellis street near Jones. The building will be one of the most modern apartment houses erected in that section. The building will have a frontage of 5 1/2 feet by a depth of 120 feet. Interior has been arranged for a total of sixty-six apartments of two and three rooms. All suites will have wall beds and private bath rooms. Entrance will be finished in marble and tile. A large lobby and social room will be one of the many pleasing features of the building. Interior will be finished in pine, redwood and hardwoods. Hardwood floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will be finished in tile. Exterior of the building will be faced with tapestry brick trimmed with terra cotta.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, E. H. Denke, 1317 Hyde street, S. F. Owner, Joseph Neustadter. The building will be erected at the southeast corner of Clay and Franklin streets, and has been designed to contain a number of four-room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine, redwood and hardwood veneer. Plans provide for steam heat, a hot water system and vacuum cleaning. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Some oak floors will be used. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 4 story and base, brick and steel, \$85,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected near Broadway, and will cover a large ground area. Plans provide for a total of sixty suites of two, three and four rooms. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living and dining rooms. There will be steam heat, elevator service, hot water supply and vacuum cleaning system. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

BONDS.

WOODLAND, YOLO CO., CAL.—The Halsey Company, bond buyers of San

Francisco, has put out a \$100,000 bond issue for the Woodland district. The bond issue is for the purpose of raising funds for the construction of a new court house building for which plans have already been prepared.

SACRAMENTO, CAL.—The Treasurer Robert Hill has received word that Los Angeles County has made arrangements to take up \$1,000,000 of the State Highway bond. The money to be used in the construction of the State Highway from Berkeley to South.

BAKER, OR.—Bonds in the sum of \$180,000 will be voted here shortly to raise fund for the construction of additional water systems. The money will also provide for a reservoir pipeline and an addition to a concrete power plant.

PORTLAND, OR.—Interstate bridge bonds of Multnomah County, Oregon, amounting to \$1,000,000, were sold at Portland December 14, to Morris Brothers, Portland, and Harris Trust & Savings Bank, Chicago, at 100.150. On their joint bid. There were six other bids, the lowest of which was \$1,012.400. This completes the sale of the entire issue of Multnomah County. The issue of \$1,000,000 authorized by Clark County, Washington, has also been sold. The sum now available for the Columbia River bridge, between Portland and Vancouver, is \$1,750,000. E. E. Howard, of the firm of Harrington, Howard & Ash, consulting engineers, is on the ground completing plans for the structure, and a call for bids on construction will soon be made by the Interstate Bridge Commission, of which Rufus C. Holman, Portland, is chairman.

ROSEVILLE UNION HIGH SCHOOL DISTRICT, PLACER CO., CAL.—Sealed bids will be received by the Board of Supervisors of Placer County for the purchase of bonds in the sum of \$15,000 until January 15th.

The bonds bear interest at 2 per cent, payable semi-annually. When and how decided to call a bond election to construction of a new grammar school building. Marshal Z. Lowell is clerk of the Board of Supervisors.

EL PASO, TEXAS.—Bids will be opened on January 14th for the purchase of bonds in the sum of \$750,000. When sold the proceeds will be used in the erection of a new court house building for which plans have already been prepared.

REDONDO, LOS ANGELES CO., CAL.—High school bonds amounting to \$100,000 have been sold in Los Angeles bonds market. The money is available for the construction of a new school building to the extent of \$100,000. The bonds were sold at 100.150. The proceeds will be used in the erection of a new court house building for which plans have already been prepared.

SANTA ANA, SANTA ANA CO., CAL.—The Santa Ana Highway Commission has decided to call a bond election for the purpose of raising funds for the construction of a new court house building for which plans have already been prepared. The Highway Commission has advised

the Board that comparatively short time will be required for procuring data concerning roads to be improved. Haviland & Tibbetts, Alaska Commercial Building, San Francisco, are the engineers on the work.

PITTOENIX, ARIZ.—Bonds in the sum of \$20,000, bearing interest at 6 per cent, have been sold to J. W. Thompson, for School District No. 33 of Buckeye. Thompson has also contracted for the purchase of the Glendale bonds, which will be used in the construction of water works.

RIVERSIDE, RIVERSIDE CO., CAL.—Bids were submitted for \$10,000 issue of the Temecula School District bonds, and award has been made to the First National Bank of Riverside, whose bid was par and accrued interest and premium.

REDONDO BEACH, LOS ANGELES CO., CAL.—The Board of Trustees have decided to call a bond election to vote \$105,000. The proceeds of the sale will be used as follows: \$20,000 for the purchase and improvement of a library site on Elena avenue; \$85,000 for two park sites, one in the north part of town and another in the southern portion, to be known as the Garden of Carnations.

The Trustees have instructed the City Attorney to prepare the necessary proceedings to call the election.

BRIDGES AND DAMS.

MODESTO, STANISLAUS CO., CAL.—Bridge and culvert, concrete construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans and specifications prepared by the County Surveyor for the construction of a bridge on the Twenty-six Mile House road and a culvert on the Oakdale road have been approved and accepted by the Board of Supervisors and bids for the work will be received until January 12th.

YUBA CITY, SUTTER CO., CAL.—Wharf building, frame and corrugated iron. Cost not stated. Engineer, none. Owners, Feather River Transportation Co., Yuba City. The Feather River Transportation Company has material on the ground and will start the construction of a wharf building at once.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Bridges, timber pile construction. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, F. Jones, Fresno. Contract price, \$10.70 per foot. Note: These bridges will be erected over the Kings River Slough on the Fred Turner road.

FRESNO, FRESNO CO., CAL.—Bridge, reinforced concrete, \$20,000. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, W. A. Kettleworth, Fresno. Contract price, \$19,680. This bridge will be erected over the Kings River near Sanger. Nine bids were submitted, ranging from \$19,680 to \$29,450.

COURT HOUSES.

WALLA WALLA, WALLA WALLA CO., WASH.—Court house, 2 story, dome and base, reinforced concrete, \$150,000. Architect, Henry Osterman, Walla Walla. Owners, Walla Walla County. Carrying out his election promise, County Commissioner H. A. Reynolds introduced a resolution that the Board proceed with arrangements

for the removal of the old court house and for the construction on that site of a new court house not to exceed in cost \$150,000. Architect Henry Osterman of Walla Walla has been working on the plans, and will have same completed in a short time. At that time the Commissioners will take further steps in the matter. At the recent election the citizens voted on the advisability of expending the sum of \$80,000 for the construction of a concrete reservoir; this proposition carried by an eight to one vote. It will now be necessary that a bond issue be voted on at a later election. Further mention will be made of this work.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Sugar refinery, 1 and 11 story, brick and steel, \$250,000. Engineer, W. E. Murray, S. F. Owners, Western Sugar Refinery Co. These buildings will be erected on a large factory site at the southeast corner of Louisiana and Humboldt streets. The eleven story structure will cover an area of 55 by 161 feet and the one story building 80 by 140 feet. This is to be the largest and most modern refinery plant on the coast. The estimated cost does not include machinery and equipment. Construction will be fireproof with a complete steel frame, concrete floors and fireproof interior partitions. Exteriors will be faced with stock brick. Plans are complete and contracts for the steel work have been awarded. Other contracts are being let through Engineer Murray.

SAN FRANCISCO—Warehouse, 3 story and base, brick and steel, \$40,000. Architect, Leo Devlin, Pacific Bldg., S. F. Owners, Dunham, Carrigan & Hayden. This building will be erected south of Market street on property owned by John Rapp. There will be spur track facilities. Construction will be of the heavy mill type. Interior of the front portion of the building will be finished for offices and display rooms. There will be steam heat, metal window sash and frames and elevator service. Exterior will be faced with stock brick. Plans are being prepared.

PORTLAND, ORE.—Manufacturing plant. Class A construction, \$5,000,000. Engineer, J. G. Kelley, Chamber of Commerce Bldg., Portland. Owners, Jason Moore Co. New York. The construction of a large plant for the purpose of manufacturing products to be made by abstracting minerals from Lake Sumner and Albert will be erected by the Jason Moore Co. of New York, whose bid for the lease of these properties has been accepted by the State Land Board. The plans will require the expenditure of \$5,000,000, and in addition to this amount a pipe line of wood pipe 260 miles long will be built. A separate plant will be erected for the manufacture of nitrate, potassium, sodium carbonate, bi-carbonate and sodium chloride and the establishment of power plants. Although no arrangements have been made for the buildings, preliminary plans were prepared by J. G. Kelley, engineer, Chamber of Commerce Bldg., for the pipe line. The buildings will be one and two story structures and of fireproof construction, concrete being used. There will be a large amount of equipment, which is included in the \$5,000,000 to be spent. In Portland the company is represented by Shep-

herd & Brock, attorneys in the Yeon Building.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,500. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owners, R. J. and B. Rudebeck. The building will be erected at the northwest corner of 19th and Douglass streets, and has been arranged for a store and one three-room flat on the first floor. Each of the upper floors will contain a six-room flat. Interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile and brick mantels. Bath rooms will have tile wainscot. Automatic water heaters will be installed. Exterior of the building will be covered with shiplap. Marble and tile wainscot will be used in the vestibules. Plans are complete and segregated figures are being taken.

OAKLAND, CAL.—Flat, 2 story and base, frame, \$4,000. Architects, Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected at the corner of 58th and Dover streets, and has been designed to contain four modern flats each of four rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. Tile wainscot will be used in the bath rooms. Entrance will be finished in marble. Exterior of the building will be covered with rustic. Plans are now being prepared.

GARAGES.

BERKELEY, ALAMEDA CO., CAL.—Garage, 1 story and base. Class B construction, \$10,000. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner, George W. Rodchaver. The building will be erected on north Berkeley street east of Shattuck, and has been designed for a commercial garage. There will be steel roof trusses and a cement floor. Metal window sash and frames are specified. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

GOVERNMENT WORK & SUPPLIES.

Pumping Plant on Isthmus.

The purchasing officer of the Panama Canal will soon invite proposals for the design, fabrication, delivery and supervision of erection of a complete pumping plant for dry dock No. 1 at the Pacific terminus of the Panama Canal, located at Balboa. The pumping plant will comprise four main pumps, two drainage pumps, and one bilge or seepage pump. Salt water will be handled by the main pumps. The main pumps will be required to pump out dry dock No. 1 at any stage of the tide. The drainage pumps are to be capable of laying bare the floor of the suction chamber at any stage of the tide. These pumps will be required to handle fresh or salt water, as well as fresh water containing sewage matter and other wastes from ships in dock. The bilge pumps

will be required to handle salt or fresh water and be capable of laying bare the floor of the lowest part of the pump well at any stage of the tide, whether the drainage pumps are running or not. Each main unit is to have an average capacity of not less than 11,000 cubic feet of sea water per minute.

Seattle, Wash., Mezzanine Floor.

The following bids were received by the custodian, U. S. post office (old) Seattle, Wash., recently for constructing a mezzanine floor, etc., at the U. S. post office, Seattle, Wash.:

F. W. Layton, Haller Building, Seattle, Wash., \$1,610; December 24.

Ned Morrison Hall, 1228 Missouri avenue, Portland, Ore., \$1,475; December 14.

Bert McDonald, 217 Northern Bank Building, Seattle, Wash., \$1,230; 30 days.

Henry Holgenberg, Fairmount Hotel, Seattle, Wash., \$1,200; 30 days.

Building Repairs.

The contract for making repairs to the U. S. public building at Butte, Mont., has been awarded to M. G. O'Connell of Butte at \$1,225.

Mare Island, Cal., Gas Recorder.

The following bid was received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing a flue gas recorder for the naval hospital reservation, Mare Island:

Item 1, price for recorder equipment, complete; 2, do, on bidder's specification.

Wilson Equipment Co., New York City, item 1, \$735; 2, \$585; alternate, \$515.

Bureau Yards and Docks, Storage Tanks.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing storage tanks:

Item 1, net price for nine tanks at the places specified, complete, in accordance with plans and specifications; 2, net price for two tanks at navy yard, Norfolk, Va., complete, in accordance with plans and specifications; item 3, net price for two tanks at navy yard, Puget Sound, Wash., complete, in accordance with plans and specifications; item 4, net price for two tanks at navy yard, Mare Island, Cal., complete, in accordance with plans and specification, item 5, net price for one tank at navy coal depot San Diego, Cal., complete, in accordance with plans and specification; item 6, net price for one tank at naval coal depot, Melville, R. I., complete, in accordance with plans and specification.

Knox Pressed & Welded Steel Co., Pittsburgh, Pa., item 2, \$17,160; 6, \$15,720.

The Ritter-Conley Mfg. Co., Leesdale, Pa., item 1, \$49,875; 2, \$10,875; 3, \$39,000; 4, \$37,020; 5, \$19,920; 6, \$13,960.

Stacey Mfg. Co., Elmwood, Ohio, item 2, \$50,171; 3, \$13,542; 4, \$22,763.

Chicago Bridge & Iron Co., Chicago, Ill., item 1, \$151,000; 2, \$37,000; 3, \$38,400; 4, \$42,000; 5, \$2,000; 6, \$12,200.

American Bridge Co., Baltimore, Md., item 1, \$161,395; 2, \$44,945; 3, \$40,400; 4, \$40,400; 5, \$20,595; 6, \$15,370.

Rough Mill & Coal Iron

Cal., item 4, \$19,250 each.

Wagler-Holmbeck Steel & Iron Works, Holyoke, Mass., item 1, \$18,704; 6, \$16,000. Alternate bid on own specifications, item 2, \$47,200; 6, \$15,000.

J. K. Peety & Co., Lebanon, Pa., item 2, \$12,000; 6, \$14,100.

The Petroleum Iron Works Co., Sharon, Pa., item 1, \$14,900; 2, \$11,000; 3, \$12,000; 4, \$11,000; 5, \$17,000; 6, \$13,000.

Pacific Rolling Mill Co., San Francisco, Cal., item 4, \$14,781.

The Seattle Boiler Works, Seattle, Wash., item 3, \$10,825.50.

Virginia Bridge & Iron Co., Roanoke, Va., item 2, \$47,900.

The Goetz Co., Chicago, Ill., item 1, \$235,650; 2, \$70,150; 3, \$54,700; 4, \$54,700; 5, \$27,600; 6, \$24,050. Alternate bids for longer time than specifications allow, item 1, \$229,900; 2, \$69,700; 3, \$53,350; 4, \$43,950; 5, \$27,000; 6, \$23,750.

Llewellyn Iron Works, Los Angeles, Cal., item 3, \$31,250; 4, \$31,000; 5, \$15,300.

The Reeves Bros. Co., Alliance, Ohio, item 2, \$44,820; 6, \$15,900.

The Williamette Iron & Steel Works, Portland, Ore., item 3, \$19,540; 4, \$29,900; 5, \$15,025.

McAleenan Bros. Co., Pittsburgh, Pa., item 2, \$42,558; 6, \$15,317.

Bartlett-Hayward, Baltimore, Md., item 2, \$45,000.

The Milwaukee Bridge Co., Milwaukee, Wis., item 3, \$25,995 each.

R. C. Hoffman & Co., Baltimore, Md., item 2, \$46,381.

The Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa., item 1, \$120,136, alternate A, \$118,352; alternate B, \$116,202; item 2, \$27,842, \$37,342, and \$36,642; item 3, \$28,591, \$28,160, and \$27,660; item 4, \$27,982, \$27,570, and \$27,070; item 5, \$14,477, \$14,270, and \$14,020; item 6, \$12,794, \$12,590, and \$12,360.

W. K. Conannon Co., San Francisco, Cal., item 3, \$32,988; 4, \$32,533, the above prices reduced \$600 by telegram, item 5, \$17,271, reduced \$500 by telegram, prices based on shipment through Panama Canal.

Western Pipe & Steel Co. of California, San Francisco, Cal., item 3, \$30,964; 4, \$29,486; 5, \$15,342.

The Trendwell Construction Co., Midland, Pa., item 1, \$149,800; 2, \$45,750; 3, \$38,490; 4, \$34,370; 5, \$17,660; 6, \$16,530.

The Hartley Boiler Works, Montgomery, Ala., item 2, \$41,800.

The Standard Boiler & Plate Iron Co., Niles, Ohio, item 2, \$41,910; 6, \$41,480.

The Warren City Tank & Boiler Co., Warren, Ohio, item 2, \$42,000; 6, \$11,500.

The Cruse Kemper Co., Ambler, Pa., item 1, \$127,500; 2, \$27,700; 3, \$41,750; 4, \$20,050; 5, \$16,000; 6, \$13,100.

C. H. Kibel, Seattle, Wash., item 5, \$10,000, alternate, \$28,800, if allowed a month's time for delivery.

Reclamation Service.

The Secretary of the Interior has authorized the comptroller of the Reclamation Service to accept the following proposals for work on the Benton extension of the Sunnyvale and Yakima project, Wash.:

Rowan & Anderson, Port Discovery, Wash., schedules 1, 2, 3, and 4, \$20,220.42.

Oregon Eridge & Construction Co.,

Vertical pipe connections 1 ft. and 1 1/2

\$1,100.

Vertical pipe connections 1 ft. and 1 1/2 \$1,100.

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Vertical pipe connections 1 ft. and 1 1/2 \$1,100.

chains, including beveled washers, bolts and nuts.

208,500 open-hearth steel rails, tie rods, and low carbon steel splice bars, including bolts and nuts.

13,900 lbs soft steel castings for gratings.

24,600 lbs standard black wrought iron pipe.

36,250 lbs grey iron castings for mooring bits.

34,000 lbs drift pins, bolts, nuts and washers for securing wooden fenders and mooring bits.

\$900,000 lbs, more or less, structural steel work and accessories, fabricated and delivered on dock No. 1.

Paving South Pablo Dam.

The following bids were received at the office of the U. S. Reclamation Service, Great Falls, Mont., for 1,700 sq yds of 18-in paving on South Pablo dam:

Wilson Bros., Polson, Mont., \$2.70 per yd.

A. L. Markhus, Polson, Mont., \$3.95.

Municipal Construction Co., Helena, Mont., \$4.05.

Milk River Project, Bridge.

The Reclamation Service is asking for bids for furnishing and erecting one highway and pipe bridge of two spans, each composed of three trusses 97 feet long, for the St. Mary storage unit, Milk River project, Mont. Sealed proposals will be received at the office of the service in Great Falls, Mont., until 2 o'clock p. m. January 12, 1915. Full particulars may be obtained by addressing the United States Reclamation Service at Washington, D. C.; Great Falls, Mont., or Fletcher, Mont.

Excavation.

The Reclamation Service is asking for bids for the construction of the lower Selig extension canal and laterals, Uncompahgre Valley project, Colo. The work involves the excavation of about 117,300 cubic yards of material in open cut. Bids will be received at the office of the service in Montrose, Colo., until 4 o'clock p. m. January 5, 1915. Full particulars may be obtained by addressing the United States Reclamation Service, Montrose, Colo., or 519 Commonwealth Building, Denver, Colo.

Pearl Harbor, H. T., Cranes.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for three electric traveling cranes for the naval station, Pearl Harbor, H. T.:

Item 1, 3 cranes delivered at Pearl Harbor; 2, deduct from item 1 if crane is of 2-motor type; 3, cranes, complete, under bidder's specifications.

Cleveland Crane & Engine Co., Wickliff, Ohio, item 1, \$12,745; 2, \$165.

Whiting Foundry Equipment Co., Harvey, Ill., item 1, \$13,400; 2, \$150; 3, \$12,800.

The Morgan Engineering Co., Alliance, Ohio, item 1, 20-ton, \$5,900; 10-ton, \$4,865; 3-ton, 1-motor, \$3,360; item 2, 3-ton, 2-motor, \$3,200.

Manning, Maxwell & Moore, New York City, item 1, \$11,250; 2, \$170; 3, \$9,483.

The Pawling & Harnischfeger Co., Milwaukee, Wis., item 3, \$15,900.

Niles-Bement-Pond Co., New York City, item 1, \$12,975; 2, \$175.

Pishkun Reservoir Supply Canal.

The following bids were received by the U. S. Reclamation Service, Great Falls, Mont., for Pishkun Reservoir Supply Canal, station 8-60 to 38-53:

Bid 1. Bates & Rogers Construction Co., Spokane, Wash.

2. Security Irrigation Co., Billings, Mont.

3. McArthur Bros. Co., 208 S. La Salle street, Chicago, Ill.

4. O'Connor & Heelan, Great Falls, Mont.

Item 1. Excavation, class 1—Bid 1, 20c; 2, 19c; 3, 33c; 4, 43c.

Item 2. Excavation, class 2—Bid 1, 45c; 2, 47c; 3, 45c; 4, 55c.

Item 3. Excavation, class 3—Bid 1, 87c; 2, \$1.25; 3, 90c; 4, \$1.

Item 4. Overhaul—All bidders, 2c.

Item 5. Concrete in conduits, spillway, etc.—Bid 1, \$8.40; 2, \$8.85; 3, \$11; 4, \$12.

Item 6. Concrete in bridge piers—Bid 1, \$8.40; 2, \$8.85; 3, \$9; 4, \$12.

Item 7. Placing reinforcing steel—Bid 1, 1.25c; 2, 1.35c; 3, 1.1c; 4, 1.25c.

Item 8. Placing logs in timber crib—Bid 1, 18c; 2, 15c; 3, 20c; 4, 10c.

Item 9. Erecting lumber in structures—Bid 1, \$13; 2, \$14; 3, \$20; 4, \$15.

Item 10. Filling timber crib—Bid 1, \$2; 2, \$1.50; 3, 60c; 4, \$1.25.

Item 11. Dry paving—Bid 1, 80c; 2, \$1.50; 3, \$2; 4, \$1.75.

Total—Bid 1, \$39,939.50; 2, \$43,936.60; 3, \$50,653; 4, \$59,305.

HALLS AND SOCIETY BUILDINGS.

Contracts Awarded.

SEATTLE, WASH.—Lodge hall, 1 story, Class A addition, \$50,000. Architect, none. Owners, Arcade Investment Co. Contractors, Woock & Behrns, Oriental Bldg., Seattle. Contract price, \$50,000.

HOTELS.

SAN FRANCISCO—Hotel 3 or 4 story and base. Class C construction. Cost not stated. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. The building will be erected near the Exposition Grounds and will be conducted by the institution for the accommodation of its members visiting the Panama-Pacific Exposition. There will be in the neighborhood of 100 rooms, several baths on each floor and a large and attractive lobby. Plans provide for steam heat, a hot water supply and elevator service. Interior finish will be of pine and redwood. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOSPITALS.

SAN FRANCISCO—Pathological ward and garage, 2 story and base. Class A construction, \$78,990. Architects, Righetti & Headman, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works for this building show James L. McLaughlin, 244 Kearny street, low on all propositions. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Refrigerating equipment, \$1,456. Architect, City De-

partment of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Blaisdell Machinery Co. submitted the lowest figure at the last meeting of the Board of Public Works for installing a vacuum cleaning system in the San Francisco Hospital at \$4,875. A complete list of the other bids received will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Hospital stand pipe fire escapes, \$735. Architect, City Department of Architecture, S. F. J. M. Lettich submitted the lowest figure for installing stand pipe fire escapes on the San Francisco Hospital group. His bid for this work was \$737.

PANAMA-PACIFIC EXPOSITION WORK.

Contracts Awarded.

SAN FRANCISCO—Booth, \$14,500. Architect, Henry Shermund, Mills Bldg., S. F. Owners, American Druggists Syndicate. Contractors, Conlan Bros., 842 Guerrero street, S. F. Contract price, \$14,500. The booth will be erected in the Liberal Arts Palace.

SAN FRANCISCO—Booth. Cost not stated. Architect's name not given. Owners, Pacific Coast Specialties Co., S. F. Contractors, Fink & Schindler Co., S. F. Contract price not stated. The booth will be erected in the Manufactures Palace.

SAN FRANCISCO—Booth. Cost not stated. Architect's name not given. Owners, Sterns Manufacturing Co., Butte, Mont. Contractors, Fink & Schindler Co., S. F. Contract price not stated. The booth will be erected in the Liberal Arts Building.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Edward Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. The dwelling will be erected in Ashbury Terrace and has been designed for a seven-room house with private garage. Interior finish will be of pine, redwood and hard-wood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architect, Louis M. Upton, 111 Ellis street, S. F. Owner, J. O. Gartner. The dwelling has been designed to contain eight rooms and three baths, and will be erected at the northeast corner of Baker and Vallejo streets. Interior finish will be of pine, redwood, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, hot water supply and open fire places. Bath rooms will be finished in tile and equipped with showers. Mantels will be of tile and brick. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used.

Plans are complete and figures are now being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owners, Costello & Perlick, 93 College avenue, S. F. The dwelling will be erected on the west side of 16th avenue north of Balboa street, and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire place and tile or brick mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, \$3,000. Architect, none. Owner, E. B. Spittler, 815 Oxford street, Berkeley. The dwelling will be erected on the north side of Marin street near The Circle, and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwood veneer with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

OKDALE, STANISLAUS CO., CAL.—Residence, 2, 1 story and base, frame, \$5,000 each. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, A. B. Haslacher, Stockton. These dwellings will each contain eight rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and floors will be used in the bath rooms. Automatic water heaters will be installed. Exterior will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Aitkin & Richards, Theatre Bldg., San Jose. Owner, Fred Archer. The dwelling will be erected on 14th street and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Tile wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, C. A. Thomas, 692 North San Pedro street, San Jose. The dwelling has been designed for a five room house with

bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place. Mantel will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOLS.

SACRAMENTO, CAL.—Vocational school group, \$100,000 or more. Architect not selected. Owners, State of California. Prominent educators of the state, headed by A. Bonheim of Sacramento, have interested themselves in a proposition to bring about the establishment of a state vocational school in Sacramento county. The legislature will be asked to make an appropriation of \$100,000 for the erection of the first building units of the school, other units to be erected as necessary. The North Sacramento Land Company has offered to donate a site of thirty acres for the proposed building, and the parties interested have also offered an ideal site on Auburn Boulevard, near Ben Ali, three miles from Sacramento proper.

FRESNO, FRESNO CO., CAL.—School group, 1 and 2 story and base, brick and steel, \$350,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the main building, gymnasium and power house of this institution and figures are now being taken. The main building will be 265 feet long, two stories high, with two one story wings. The gymnasium and boiler house will be one story high. The general contract includes the following: Mason work, structural steel and iron, carpentry, metal lathing, lathing and plastering, sheet metal work and roofing, painting, staining, glass and glazing, ornamental iron work, marble, tile and electric work. Separate figures have also been called for on the plumbing, gas fitting, vacuum cleaning, steam heating and ventilating and for the installing of the boiler plant equipment in the gymnasium and boiler house. Official proposals for this work will be found under another heading in this issue.

SEWERS, STREET WORK & WATER STORES AND OFFICES.

SAN FRANCISCO—Park entrance, concrete and stone, \$10,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, City and County of San Francisco. Plans have been completed and figures taken for constructing an entrance to Golden Gate Park to be known as the First Avenue Entrance. The work requires considerable stone and concrete. An announcement of the award of contract will be made shortly.

FOLSOM, SACRAMENTO CO., CAL.—County road construction, \$12,000. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Through the efforts of Supervisor Russel, a piece of highway will be constructed between Orangeville and Folsom. At the last meeting of the Supervisors' board for the work was ordered prepared for a mile of perma-

nent road. The road will be about 100 feet wide and will be about 100 feet long. The road will be about 100 feet wide and will be about 100 feet long. The road will be about 100 feet wide and will be about 100 feet long.

CALIFORNIA—The California State Highway Commission has received a report from the City Engineer of San Francisco that the city of San Francisco has agreed to contribute \$100,000 to the construction of a highway from the city to the city of San Francisco. The highway will be about 100 feet wide and will be about 100 feet long. The highway will be about 100 feet wide and will be about 100 feet long.

LAVERGNE, ALAMEDA CO., CAL.—Fire alarm system, \$4,000. Engineer, none. Owner, Town of Laverne. Two bids received by the Town for a fire alarm system have been rejected. The reason for rejecting the bids was that the town's finances are not in a condition to justify the probable expense of \$3,000 or \$4,000.

RICHMOND, CONTRA COSTA CO., CAL.—Street work. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Council is considering the reconstruction of Twenty third street below the viaduct, on San Pablo from Macdonald avenue north, and a part of the subway.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer work. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Engineer's plans for the construction of lateral sewers in the Pullman District have been filed with the City Council for their approval. On approval bids will be called for.

SAN FRANCISCO—Fuel oil storage tank, \$1,210. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The lowest bid submitted to the Board of Public Works for constructing a fuel oil storage tank in the Civic Center was presented by T. W. McClellan at \$1,210. He will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

Contracts Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Highway construction, \$58,923.30. Engineer, County Surveyor, Santa Barbara. Owners, Santa Barbara County. Contractor, J. W. Calhoun, San Diego. Contract price, \$58,923.30.

THEATRES.

SAN FRANCISCO—Theatre. Class C construction. Estimated cost, August Headman, New Call Bldg., S. F. Owners, none. Contractor, The building will be erected on Market street probably in the North Beach district. The main contractor will have a contract to erect a three story people's theatre which will be finished in pine and hardwood. The theatre will have a seating capacity of 1,000. The theatre will be finished in pine and hardwood. The theatre will have a seating capacity of 1,000. The theatre will be finished in pine and hardwood.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 882.—Proposals for Repair Parts for Cuts, Galvanized Sheet Iron or Steel, Rivets, Bolts, Nuts, Pipe, Fittings, Brass Tubing, Valves, Cotton Waste, Wool Waste, Lime, Glue, Alcohol, Turpentine, Nails, Putty, Japan, Drier, Varnish, Black Jacket Enamel and Paints.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until 10:30 a. m. **January 3, 1915**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular No. 882 may be obtained from this office or the offices of the assistant purchasing agent, 1036 North Point street, San Francisco, Cal.; also from the U. S. engineer's offices in the following cities: Los Angeles, Cal.; Seattle, Wash. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR PAINTING.

PAINTING—Office of the Custodian, U. S. Public Building, San Diego, Cal.—Sealed proposals will be received at this office until **January 15, 1915**, for repainting in this building. For further information address C. H. BARTHOLOMEW, custodian.

PROPOSALS FOR BRIDGE CONSTRUCTION.

BRIDGE—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m. January 12, 1915**, for furnishing and erecting one highway and pipe bridge of 150 ft. spans, composed of three trusses 97 feet 6 inches long for the St. Mary storage unit, Milk River project, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Great Falls, Mont., or Fletcher, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR PAINTING AND PLASTERING.

PAINTING PLASTERING—Office of the Custodian, U. S. Public Building, Walla Walla, Wash.—Sealed proposals will be received here until **January 2, 1915**, for painting plastering. For further information address F. D. DAY, custodian.

PROPOSALS FOR CRANE.

CRANE.—Sealed proposals indorsed "Proposals for Locomotive Cranes" will be received at the bureau or yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. January 23, 1915**, and there and there are publicly opened, for two 15-ton locomotive cranes for the naval station, Pearl Harbor, Hawaii. Specifications may be obtained on application to the chief of yards and docks, H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, February 1, 1915**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required to complete the Mason Work, Structural Steel and Iron, Carpenter Work, Metal Work, Lathing and Fitting, Sheet Metal and Roofing, Painting and Staining, Glass and Glazing, Ornamental Iron Work, Marble and Tile Work, and Electric Wiring of buildings, known as "Main Building" and "Gymnasium and Boiler House," Fresno State Normal School, Fresno, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids must be addressed to the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering,

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required on plans and specifications; the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Main Building" and "Gymnasium and Boiler House," Fresno State Normal School, Fresno, California."

[SIGNED] W. F. MCCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, February 1, 1915**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required to complete the Boiler Plant Equipment of a building to be known as "Gymnasium and Boiler House," Fresno State Normal School, Fresno, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Boiler Plant Equipment for Gymnasium and Boiler House, Fresno State Normal School, Fresno, California."

[SIGNED] W. F. MCCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Monday, February 1, 1915**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required to complete the Plumbing, Sewers and Gas Fitting, Vacuum Cleaning System, Heating and Fitting, and Radiator Heating and Ventilating System of buildings to be known as "Main Building" and "Gymnasium and Boiler House," Fresno State Normal School, Fresno, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen (\$15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Cold Storage

California, and plainly marked on the envelope: "Proposal for Plumbing, etc., for 'Main Building' and 'Gymnasium and Boiler House,' Fresno State Normal School, Fresno, California."

[SIGNED] W. F. MCCLURE, State Engineer. (*)

PROPOSALS FOR BUILDING.

BUILDING—Treasury Department, office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. on January 22, 1915**, for the construction (including the mechanical equipment, interior lighting fixtures and approaches), of a one-story, basement and stone and brick-faced building of 4,650 square feet ground area, fireproof first floor, tin and composition roof, for the United States post office at Uvalde, Tex. Drawings and specifications may be obtained from the custodian at the site at Uvalde, Tex., or at this office, in the discretion of the supervising architect, O. WENDERTH, supervising architect.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Montrose, Colo., until **4 o'clock p. m. January 5, 1915**, for the construction of the Lower Self extension canal and laterals. Unpublished plans and specifications in the vicinity of Olathe and Delta, Colo. The work involves the excavation of about 117,300 cubic yards of material in open cut. For particulars address the United States Reclamation Service, Montrose, Colo., or 519 Commonwealth Building, Denver, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 461 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Oakland and Harbor, California, will be received at this office until **11 o'clock a. m. December 31, 1914**, and then publicly opened. Information on application. THOMAS H. REES, Lt. Col. Engineers.

POSTPONE DATE FOR BIDS.

Date of opening of proposals for ward pavilions, naval hospital reservation, at Puget Sound, Wash., has been postponed from **11 o'clock a. m. January 2, 1915**, to **11 o'clock a. m. January 16, 1915**.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock, noon, Wednesday, January 20, 1915**, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the complete construction and installation of Cold Storage Rooms in the Present Kitchen Building, California Institution for the Deaf and Blind, Berkeley, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Five (\$5.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for Cold Storage

Rooms in Present Kitchen Building, California Institution for Deaf and Blind, Berkeley, California.
[SIGNED] W. E. McCLURE,
State Engineer, (*)

PROPOSALS WANTED FOR ADDITIONAL FURNITURE AND EQUIPMENT FOR USE OF SAN FRANCISCO HOSPITAL.

Proposals for furnishing and delivering, for use of the San Francisco Hospital, the following, to wit:
X-Ray Apparatus and Accessories.
Metal Lockers.
Hand Trucks.
Kitchen and Butcher Shop Equipment.
Bed Linen.
Glass Stoppered Prescription Shelf Ware.
Tables and other Furniture and Equipment.
will be opened in open session of the Board of Supervisors on December 28, 1914, at 3 p. m.
Proposals blanks furnished on application.
J. S. DUNNIGAN, Clerk.

PROPOSALS.

BUILDING—Sealed proposals indorsed "Proposals for Ward Pavilions" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. January 2, 1915, and then and there publicly opened, for three temporary one-story wooden ward pavilions at the naval hospital reservation, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

DESTRUCTION OF PRICELESS STONE.

In all history there has never been a war so destructive, not only of human life, but also of the work of man's hands, as the present one which is devastating Europe. Entire cities have fallen from shells and fire, and some of the finest buildings that have come down to us from medieval times are now no more than heaps of ruins. The whole world mourns the loss of magnificent examples of masonry and stone carving that can never be replaced. When the war is over and when the nations have recovered from financial and business disturbance, there is bound to be an enormous amount of building to replace the structures that have fallen, even though some of the great edifices can never rise from their ashes.

The greatest regret throughout the world, says "Stone," has been expressed over the fate of the wonderful cathedral of Rheims. This has everywhere been held as one of the most magnificent examples of gothic architecture anywhere in existence. It was at first reported that this was totally destroyed, but now it is known that the principal loss was the roof, the interior and the fine wood work. Of course there are scars from cannon shots on the exterior walls, and many of the quaint statues that adorn the facade have been chipped and mutilated. But the Gothic architects built for all time and with honest stone masonry. It would take more than a bombardment with high power modern shells to shake their walls so as to impair their integrity. One of the particular glories of the Rheims Cathedral was its marvelous system of flying buttresses. These are almost lace-like in their delicacy. There has been no indication in the dispatches as to how much these suffered under the cannon fire, but they could hardly have

escaped in a bombardment that totally destroyed its roof.

The entire progress of the war in Belgium and France has been through a region dotted with famous and beautiful examples of stonework, and many of them have fallen. The loss at Louvain is deplorable in the destruction of the priceless library, although the building itself was not especially notable. The magnificent Hotel de Ville, another Gothic gem, escaped, and it is believed that the damage to the exquisite Cathedral of St. Pierre is not fatal. This edifice has the most profuse and elaborate ornamentation in the way of stone carving, the facade and side walls being miracles of dainty modeling, pinnacles, crockets, bosses and other enrichments. The great stone structures of Malines, Dinant, Nancy and other quaint towns are battle-scarred, we may be sure, although full particulars are lacking as yet.

The loss of any great memorial of the past is always to be deplored for its historical associations, even if it is possible to replace it. But we can not replace these examples of medieval stone work. It is not that our architects lack the genius to plan them or our artisans the skill to carve them. Conditions of life and labor are so different now that we can not hope to duplicate them. They were constructed by men to whom religion was a direct and daily inspiration. They gave their life to the work, and received, not princely pay, but the bare necessities of existence. What is more, the work was carried on for generations and centuries, and many gave freely of their time and treasure who could never hope to see the full fruition of their devotion. Nevertheless, if we can not build anew such structures as those that have suffered in the war, it is certain that there will not be lacking, once the struggle is over, generous contributions from all parts of the world to restore them to at least a shadow of their former glory, if this is found to be possible. We need them as an inspiration for our builders and artisans of today.—Exchange.

PROPER INSTALLATION OF SERVICE PIPES.

The following notes on the proper installation of service pipes are taken from the latest annual report of the Lincoln, Neb., Water Department. Mr. James Tyler, Water Commissioner. Just inside the basement wall of the dwelling, or building, into which the service pipe extends, a stop and waste cock should be conveniently located, and arranged so that the water may be drawn back and all the pipes within the dwelling, or building, emptied through the stop and waste by opening the faucets at the highest points therein and allowing the air to enter the pipes. All of the pipes connected with the service inside the dwelling, or building, should be laid with an inclination toward the point in the cellar where the stop and waste is located, without any sags or pockets, so that the pipes may thoroughly empty themselves from water when the waste is opened. In cases where such stops or traps are unavailable and additional stop and waste should be put in. The

water pipe to the dwelling or building should be located in the cellar, beneath the floor, and not in the attic, and should be made of galvanized iron pipe. Outside of the dwelling, the water pipe should be covered with insulating material to the bottom of the basement, and to the cellar or first ground level, where provisions are made for the water to be introduced into the dwelling in the form of a water supply pipe, which should be laid in the cellar trench with a sewer. At least a record of the location and character of the service pipes and of the water supply data are kept so that in case the lines are covered up the service can readily be located from the accurate record of the same.

A PAVEMENT BETTER THAN MACADAM.

The abandonment of macadam as a road pavement is recommended by William Eltring, highway engineer of St. Louis county, Mo. Mr. Eltring states that rapidly increasing traffic has made various forms of macadam road construction inadequate and urged the construction of permanent pavements of brick or concrete costing from \$14,000 to \$20,000 per mile. The report shows that \$32,164 was expended on maintenance during the past year, an increase of nearly \$12,000 over the previous year.

EYE OF A SUBMARINE.

The great fault of the early submarines was that they could not see once they were below the surface of the water. The invention of the periscope altered all that and gave the modern submarine a marvelous eye by means of which it could see over the surface of the ocean, though the body of the submarine is completely below the waves. The eye of the submarine lies straight, hollow tube starting from the steering chamber of the vessel and projecting above the surface of the waves when the boat is submerged. As the periscope is only a matter of six inches in diameter and only projects some eighteen inches above the waves, it is a most difficult thing to see by an enemy. Its total length is about fifteen feet. The submarine's eye is really a combination of telescope and camera obscura. At the top is a powerful lens, and inside at intervals all the way down is a series of mirrors which carry the reflection of what is above the surface to the watcher in the submarine fifteen feet below.

ROAD TREATMENT IN INDIA.

A dust preventive known as skenna was introduced in India on the occasion of the recent king's visit and has been used since that time with satisfactory result. The road is treated with the preparation once every fortnight.

There is a great deal of interest in the new road treatment known as skenna, which is a mixture of kerosene and asphalt. It is used in the form of a dust preventive on roads in India. The treatment is applied once every fortnight.

ADVANCE NEWS

Classified according to Location

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 363 14th avenue, S. F. The building will be erected at the southwest corner of 10th avenue and California street, and will cover an area of 25 by 74 feet. Interior has been arranged to contain six modern apartments of two and three rooms. Interior finish will be of pine and elm panels. Some hardwood floors will be used. There will be a hot water supply. All suites will have wall beds and private bath rooms. Tile floors and wainscot will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. A klinker brick base will be used. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$120,000. San Francisco. Architect, C. H. Skidmore, Hearst Bldg., S. F. Owner, Dr. C. F. Buckley. The building has been designed for a high class apartment house which is to be erected for Dr. C. F. Buckley on his property on O'Farrell street west of Larkin. The lot to be improved is a key-lot, having a frontage of 30 feet on O'Farrell, 70 feet on Larkin and 120 feet on Olive avenue. The building will be a five-story and basement structure of reinforced concrete. The building will contain a total of 85 suites of two and three rooms besides a large lobby and palm court on the first floor, ball room and social rooms in the basement and a large sun garden on the roof. Interior will be finished in circassian walnut, pine and ornamental plaster. The main lobby and palm court will be finished in marble with a tile floor. Both the palm court and main lobby will be 30 by 50 feet. Plans provide for steam heat, a complete oil burning system, automatic elevator, electric dumb waiters, hot water system and vacuum cleaning. Bath rooms will be finished in tile with tile floors and wainscot and will have high class plumbing fixtures. Wall beds are specified for all apartments. The exterior of the building will be faced with pressed brick.

APARTMENT HOUSE—3 story and base, frame, \$19,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected at the corner of California and 19th avenue, and has been designed to contain a number of two, three and four room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine and elm panels. Hardwood floors will be used in the living rooms and dining room. Plans provide for steam heat and a hot water system. Bath rooms will have tile wainscot and composition floors. Entrance

will be finished in marble and tile. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base, brick and steel, \$90,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owner's name withheld. The building will have a complete steel frame and will be erected on the north line of Ellis street near Jones. The building will be one of the most modern and up-to-date apartment houses erected in that section. The building will have a frontage of 52½ feet by a depth of 120 feet. Interior has been arranged for a total of sixty-six apartments of two and three rooms. All suites will have wall beds and private bath rooms. Entrance will be finished in marble and tile. A large lobby and social room will be one of the many pleasing features of the building. Interior will be finished in pine, redwood and hardwoods. Hardwood floors will be used. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. All bath rooms will be finished in tile. Exterior of the building will be faced with tapestry brick trimmed with terra cotta.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, E. H. Denke, 1317 Hyde street, S. F. Owner, Joseph Neustadt. The building will be erected at the southeast corner of Clay and Franklin streets, and has been designed to contain a number of four room apartments. All suites will have wall beds and private bath rooms. Interiors will be finished in pine, redwood and hardwood veneer. Plans provide for steam heat, a hot water system and vacuum cleaning. Bath rooms will have tile floors and wainscot. Entrance will be finished in marble and tile. Some oak floors will be used. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

SUGAR REFINERY—1 and 11 story brick and steel, \$250,000. San Francisco. Engineer, W. E. Murray, S. F. Owners, Western Sugar Refinery Co. These buildings will be erected on a large factory site at the southeast corner of Louisiana and Humboldt streets. The eleven story structure will cover an area of 58 by 161 feet and the one story building 80 by 140 feet. This is to be the largest and most modern refinery plant on the coast. The estimated cost does not include machinery and equipment. Construction will be fireproof with a complete steel frame, concrete floors and fireproof interior partitions. Interiors will be faced with stock brick. Plans are complete and contracts for the steel work have been awarded. Other contracts are being let through Engineer Murray.

WAREHOUSE—2 story and base, brick and steel, \$40,000. San Francisco.

Architect, Leo Devlin, Pacific Bldg., S. F. Owners, Dunham, Carrigan & Hayden. This building will be erected south of Market street on property owned by John Rapp. There will be spur track facilities. Construction will be of the heavy mill type. Interior of the front portion of the building will be finished for offices and display rooms. There will be steam heat, metal window sash and frames and elevator service. Exterior will be faced with stock brick. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Edward Bolles, 660 Market street, S. F. Owners, S. A. Born Building Co., 660 Market street, S. F. The dwelling will be erected in Ashbury Terrace and has been designed for a seven-room house with private garage. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor. Materials are now being purchased.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architect, Louis M. Upton, 111 Ellis street, S. F. Owner, J. O. Gartner. The dwelling has been designed to contain eight rooms and three baths and will be erected at the northwest corner of Eaker and Vallejo streets. Interior finish will be of pine, redwood, hardwood and white enamel. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system, hot water supply and open fire places. Bath rooms will be finished in tile and equipped with showers. Mantels will be of tile and brick. Exterior of the house will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Costello & Ferrick, 93 College avenue, S. F. The dwelling will be erected on the west side of 16th avenue north of Balboa street and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire place and tile or brick mantel. Bath room will have tile wainscot. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

PARK ENTRANCE—Concrete and stone, \$10,000. San Francisco. Ar-

chitects, Bliss & Beville, E. B. Bldg. S. F. Owners, City and County of San Francisco. Plans have been completed and figures taken for constructing an entrance to Golden Gate Park to be known as the First Avenue Entrance. The work requires considerable stone and concrete. An announcement of contract will be made shortly.

HOTEL—3 or 1 story and base, Class C construction. Cost not stated. San Francisco. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owners, Young Women's Christian Association. The building will be erected near the Exposition grounds and will be designed by the institution for the accommodation of its members visiting the Panama-Pacific Exposition. There will be in the neighborhood of 100 rooms, several baths on each floor and a large and attractive lobby. Plans provide for steam heat, a hot water supply and elevator service. Exterior finish will be of pine and redwood. Bath rooms will be finished in tile. Exterior of the building will be faced with pressed brick. Plans are being prepared.

PATHOLOGICAL WARD AND GARAGE—2 story and base, Class A construction, \$78,990. San Francisco Architects, Righetti & Headman, S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show James L. McLaughlin, 244 Kearny street, low on all propositions. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of San Francisco in this issue.

REFRIGERATING EQUIPMENT—\$1,456. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids opened for furnishing and installing refrigerating equipment at the Isolation Hospital show the H. W. Johns-Manville Co. low at \$1,456. They will be awarded the contract.

HOSPITAL VACUUM CLEANING—\$4,875. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The Blaisdell Machinery Co. submitted the lowest figure at the last meeting of the Board of Public Works for installing a vacuum cleaning system in the San Francisco Hospital at \$4,875. A complete list of the other bids received will be found under the heading of San Francisco in this issue.

HOSPITAL STAND PIPE FIRE ESCAPES—\$737. San Francisco. Architect, City Department of Architecture, S. F. J. M. Lettich submitted the lowest figure for installing stand pipe fire escapes on the San Francisco Hospital group. His bid for this work was \$737.

FUEL OIL STORAGE TANK—\$1,240. San Francisco. Engineer, City Engineer, Temporary City Hall, S. F. Owners, City and County of San Francisco. The lowest bid submitted to the Board of Public Works for constructing a fuel oil storage tank in the Civic Center was presented by T. W. McClenahan at \$1,240. He will probably be awarded the contract. A complete list of the figures received will be found under the heading of San Francisco in this issue.

THEATRE—1 story, Class C construction, \$10,000. San Francisco. Architect, August Headman, New Call

Building and Engineering News. The building will be erected in a location on the north side of the city. The main building will be of brick and will have a steel frame. The interior will be finished in pine and will have a special electric work and a large amount of sheet metal work will be included in the contract. Plans are now being prepared.

Contracts Awarded.

BOOTH—\$11,000. San Francisco. Architect, Henry Sherman, Mills Bldg. S. F. Owners, American Druggist Syndicate. Contractors, Conlan Bros., 512 Guerrero street, S. F. Contract price, \$11,500. The booth will be erected in the Liberal Arts Palace.

BOOTH—Cost not stated. San Francisco. Architects name not given. Owners, Pacific Coast Specialties Co., S. F. Contractors, Fink & Schindler Co., S. F. Contract price not stated. The booth will be erected in the Manufacturers Palace.

Sugar Refinery To Build Big Plant.

Property at Humboldt and Louisiana Streets to be improved With Eleven Story Factory Structure.

Plans have been filed at the office of the Building Inspector by the Western Sugar Refineries for one of the largest plants on the coast. This company is the owner of property at the southeast corner of Humboldt and Louisiana

Building and Engineering News. The building will be erected in a location on the north side of the city. The main building will be of brick and will have a steel frame. The interior will be finished in pine and will have a special electric work and a large amount of sheet metal work will be included in the contract. Plans are now being prepared.

Building Contracts Awarded.

San Francisco

No.	Owner	Contractor	Am't.
466	Seymour	McClure	100
467	Buckley	Nelson	400
468	Finnichien	Hofmeister	150
469	Calogio	Morrell	100
470	Pureell	Pureell	250
471	Pureell	Pureell	250
472	Forn	Bern	100
473	Ceschi	Barbieri	100
474	White	Ceschi	100
475	Chil	Finnichien	100
476	Stand Oil	Mortenson	400
477	Blois	Wojna	100
478	Pacific G. & E. Co.	Ma. Gruer	100
479	Mensen	Ma. Gruer	100
480	Same	Am E & P	100
481	Marre	McClure	100
482	Emanuel Ch	Quandt	70
483	Am Drug Ass'n	Conan	100
484	Day	Cavaglieri	100
485	Clough	Centrad	100
486	Rudbeck	Sullivan	100
487	Same	Messagli	100
488	Fondacchi	Hantzsch	100
489	Green	Green	50
490	Malloy	Robinson	100
491	Holtinger	Fay	40
492	Metro. Inv.	owner	100
493	Costello	Costello	100

City Bids Opened.

Board of Public Works receives Bids for General Construction of Pathological Ward at S. F. Hospital.

Bids were opened at the Wednesday afternoon session of the Board of Public Works for an exceptional amount of work. The largest of the five jobs for which figures were opened was the general construction of the Pathological Ward and garage building to be erected at the San Francisco Hospital. James L. McLaughlin submitted the lowest figure with John Leonard second low.

Bids were also opened at the same meeting for the installation of a refrigerating plant at the Isolation Hospital construction of a fuel oil tank in the Civic Center installing a vacuum cleaning system in the San Francisco Hospital, and for constructing fire escape stand pipes at the San Francisco Hospital.

Following is a complete list of the bids as opened:

Pathological Ward and Garage.

Bidder	Prop. 1	Prop. 2	Prop. 3
W. H. Griffith	15,100	15,100	15,100
Emil Gloor	15,100	15,100	15,100
W. A. Newsom	15,100	15,100	15,100
Alfred Kohn	15,100	15,100	15,100
Charles H. Hooks	15,100	15,100	15,100
C. L. Wold Co.	15,100	15,100	15,100
John J. Leonard	15,100	15,100	15,100
James L. McLaughlin	15,100	15,100	15,100
Charles Wright	15,100	15,100	15,100
T. W. McClenahan	15,100	15,100	15,100

Refrigerating Plant, Isolation Hospital

Vulcan Iron Works	\$1,560
T. P. Jarvis Co.	1,490
Cyclops Iron Works	1,648
H. W. Johns-Manville Co.	1,476

Fuel Oil Storage Tank, Civic Center.

T. P. Jarvis Co.	\$1,240
T. W. McClenahan	1,240
Wittman Lyman Co.	1,244
Davis Rogers Co.	1,600

Vacuum Cleaning System, San Francisco Hospital.

Blaisdell Machinery Co.	\$4,875
S. F. Walsh	5,120
Houston Meston Co.	5,800
Pacific Building Materials Co.	6,200
Pneumatic Co.	5,974
West Vacuum Supply Co.	7,210

Fire Escape Stand Pipes, San Francisco Hospital.

Wittman Lyman Co.	\$736
J. M. Lettich	737
J. P. O'Mara	737

Property owners and contractors have petitioned the Board of Supervisors to have removed the city's old buildings and other structures.

W. R. BRODE, Pres. LOUIS R. HOLM, Sec. R. J. BRODE, Vice-Pres.

BRODE IRON WORKSEstablished 1886—Incorporated 1913
Tel. Kearny 2464.

Fabricators and Contractors of Structural Steel and Ornamental Iron Work

Office & Works: 31-37 Hawthorne St., bet. Howard & Folsom Sts., San Francisco, Cal.

4194 ScobleScoble \$000
4195 PetrìAm Booth 2000(4166) SE TWENTY-FOURTH AND Church. Store fixtures, etc., for store Owner.....Seymour Drug Co., Incorporated, 1301 Castro, S. F.
Architect...None.
Contractor...T. H. Meek, 1157 Mission, San Francisco.Filed Dec. 21, '14. Dated Dec. 17, '14.
Cabinet work and fixtures cut and assembled and 1st coat paint on\$337.50
All fixtures delivered at store 337.50
Completed 337.50
Usual 35 days..... 337.50
TOTAL COST, \$1350.00

Bond, \$675. Sureties, Margaret M. Meek and Harrison Barto. Limit, Jan 15, '15. Forfeit, none. Plans and specifications filed.

REINFORCED CONCRETE WALL

(4167) S O'FARRELL 85 W Larkin th along the property line 29-3/4. Excavating required and erection of reinforced concrete wall.
Owner.....Dr. C. F. Buckley, 323 Geary, San Francisco.
Architect...C. H. Skidmore, Hearst Bldg., San Francisco.
Contractor...Nilson & Arras.Filed Dec. 21, '14. Dated Dec. 8, '14.
Work completed\$200
Usual 35 days..... 200
TOTAL COST, \$400

Bond, none. Limit, 15 days. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE

(4168) E FOURTEENTH 148 N Folsom 38-6 1/4 at front and 30-5 1/4 at rear 130-1 1/4 in depth.. All work for one-story and basement frame cottage.
Owner.....Agostini Franceshini.
Architect...None.
Contractor...Hofmeister & Berdahl, 708 Webster, San Francisco.Filed Dec. 21, '14. Dated Dec. 21, '14.
Frame up\$456
Brown coated 456
Completed and accepted..... 457
Usual 35 days..... 456
TOTAL COST, \$1825

Bond, \$912. Surety, Fidelity & Deposit Co. of Maryland. Limit, 50 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(4169) N BROADWAY 87-6 E Larkin 26x87-6. All work for three-story and basement frame flats.
Owner.....L. M. Calosso, 2745 Van Ness Ave., San Francisco.
Architect...Italo Zanolini, 604 Montgomery, San Francisco.
Contractor...S. Montani & G. Stefanini, 1753 Greenwich, S. F.Filed Dec. 21, '14. Dated Dec. 9, '14.
Progressive payments as follows:
Excavation done, footing in place, frame complete and roof on.....\$1628.75
Enclosed and finish plaster on 1628.75
Interior finish complete and after acceptance 1628.75
Usual 35 days, 25%..... 1628.75
TOTAL COST, \$6515.00

Bond, \$3257.50. Sureties, S. Arata and F. Boicella. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

FRAME DWELLING

(4170) W EIGHTEENTH AVE 325 S Anza. Two-story and basement frame dwelling.
Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2250

FRAME DWELLING

(4171) W EIGHTEENTH AVE 300, S Anza. Two-story and basement frame dwelling.
Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco.
Architect...None.
Day's work..... COST, \$2250

FRAME DWELLING

(4172) LOT 5, Ashbury Terrace. Two-story and basement frame dwelling.
Owner.....S. A. Born Bldg. Co., 660 Market, San Francisco.
Architect...Ed. Bolles, 660 Market, San Francisco.
Day's work..... COST, \$5000

ADDITION

(4173) W STEINER 50 N Union. Add room to dwelling.
Owner.....Peter Ceschi, NW Steiner & Union, San Francisco.
Architect...None.
Contractor...D. Francesconi, 151 Pixley, San Francisco.
COST, \$650

ALTERATIONS

(4174) NO. 1214 EDDY. Remove partition and make alterations.
Owner.....S. A. White, Sutter and Pierce, San Francisco.
Architect...John J. Foley, 46 Kearny, San Francisco.
Contractor...N. A. Carlson, 936 Potrero Ave., San Francisco.
COST, \$500

ELECTRIC SIGN

(4175) NO. 395 GEARY. Electric sign.
Owner.....Chris's Restaurant, Prem.
Architect...None.
Contractor...Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, \$400

FRAME GASOLINE STATION

(4176) SW VALENCIA AND 17TH. One-story steel frame gasoline station.
Owner.....Standard Oil Co., 200 Bush, San Francisco.
Architect...None.
Contractor...Mortensen Constr. Co.
COST, \$400

FRAME DWELLING

(4177) W SEARS 210 S Sickles. Two-story and basement frame dwelling.
Owner.....Victor Bjors, 660 Walnut, San Francisco.
Architect...None.
Day's work..... COST, \$1500

Nearest to Everything



POWELL ST. AT O'FARRELL

Best located and most popular hotel in the City; circulating ice water in every room.

Special attention to ladies travelling alone.

Excellent, reasonable priced grill. Meet your friends at the Manx

European Plan Rates \$1.50 up.

Management,

Chester W. Kelley

LATHING AND PLASTERING

(4178) NW BALBOA AND TWENTY-fourth Ave W 107-6xN 115-4. Interior and exterior lathing and plastering for building known as Station K.
Owner.....Pacific Gas & Electric Co., 445 Sutter, S. F.Architect...None.
Contractor...MacGruer & Co., 252 Mission, San Francisco.
Filed Dec. 22, '14. Dated Dec. 17, '14.
Installments of 75%
Usual 35 days..... 25%
TOTAL COST, \$2750

Bond, \$1400. Surety, Maryland Casualty Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

PLASTERING BUILDING

(4179) SW CALIFORNIA AND LAGUNA W 27-6xS 107 W A 235. Plastering building.
Owner.....Wm. Mensor, 2211 California, San Francisco.
Architect...Chas. J. Rousseau, 46 Kearny, San Francisco.
Contractor...Herman Bosch, 740 Duboce Ave., San Francisco.Filed Dec. 22, '14. Dated Dec. 21, '14.
Interior and exterior brown coated\$700
Completed and accepted..... 642
Usual 35 days..... 448
TOTAL COST, \$1790

Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(4180) ELECTRICAL WORK ON above.

Contractor...American Elec. Eng. Co., 435 Golden Gate Ave., S. F.
Filed Dec. 22, '14. Dated Dec. 16, '14.
Iron conduit work done and bell

work roughed in.....\$213
Completed and accepted.....214
Usual 35 days.....143
TOTAL COST, \$570
Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications
filed.

FRAME BUILDING

(4181) N EIGHTEENTH 32-1½ 35
Guerrero 27-7½x75. All work for
frame building.
Owner.....Mattie L. Marrs.
Architect.....None.
Contractor.....W. G. McDiarmid, 294 Fair
Oaks, San Francisco.

Filed Dec. 22, 1914. Dated Aug. 26, '14
Foundation in and lumber on
job.....\$1250
Frame up.....1250
Completed and accepted.....1250
Usual 35 days.....1250
TOTAL COST, \$5190
Bond, none. Limit, 90 days after Sept.
15. Forfeit, none. Plans and specifica-
tions, none.

PAINTING FRAME CHURCH

(4182) SW NINETEENTH AND CAPP
65x104-6. Painting, staining, tinting,
etc., one-story and basement frame
church.

Owner.....Trustees of the Emanuel
Church of Evangelical Asso-
ciation.

Architect.....Palch & Knoll, Hearst
Bldg., San Francisco.

Contractor.....A. Quandt, 3193 16th, S. F.
Filed Dec. 22, '14. Dated Dec. 21, '14.
Outside primed and inside 1st
coat stain on.....\$250
Completed and accepted.....320
Usual 35 days.....190
TOTAL COST, \$760
Bond, none. Limit, none. Forfeit, \$5.
Specifications only filed.

EXHIBIT BOOTH

(4183) EXPOSITION SITE. Carpenter,
mill, plaster, glass, glazing, plumb-
ing, and electric wiring for booth in
Palace of Liberal Arts.

Owner.....American Druggists Syndi-
cate of the Pacific Coast
109 Townsend, S. F.

Architect.....Henry Shermund, Mills
Bldg., San Francisco.

Contractor.....Conlen Bros.
Filed Dec. 23, '14. Dated Dec. 21, '14.

Rough framing completed and
mill work on site.....\$483
Completed and accepted.....483
Usual 35 days.....484
TOTAL COST, \$1450

Bond, \$1450. Sureties, Jas. E. Lennon
and Wm. Tegeler. Limit, 40 days.
Forfeit, \$5. Plans only filed.

FRAME RESIDENCE

(4184) N VERMONT 50 N 18th. All
work for one-story and basement
frame dwelling.

Owner.....Herbert Day, 109 Mont-
gomery, San Francisco.

Architect.....H. C. Baumann, Chronicle
Bldg., San Francisco.

Contractor.....G. Cavagliero, 593 Potrero
Ave., San Francisco.

Filed Dec. 23, '14. Dated Nov. 27, '14.
Roof on.....\$500
Brown coated.....500
Completed and accepted.....500
Usual 35 days.....500
TOTAL COST, \$2000

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

GARAGE

(4185) S FRANCISCO 428 E Hyde B
2288 28. Excavating, concrete, car-
penter, metal and iron work, cement
plastering, lamping, etc.,
garage building.

Owner.....George A. Clough, Caro-
lin & Tobin, Hibernia
Bank Bldg., S. F.

Architect.....Frederick D. Boone, 4
Kearny, San Francisco.

Contractor.....Henry Conrad, 2854 Pine,
San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

MOVING, BRACING, ETC.

(4186) NW NINETEENTH & DOUG-
lass N 25xW 91-4. Bracing, raising
and moving present three-story
frame building from NE Hattie & 18th
Owner.....R. J. Rudebeck, 4596 18th,
San Francisco.

Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor.....D. J. and T. Sullivan, 1940
Folsom, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Building set on new foundations
at new location and accepted.....\$337
Usual 35 days.....313
TOTAL COST, \$1250

Bond, \$7500. Sureties, The Aetna Ac-
cident & Liability Co. Limit, without
delay to other work. Forfeit, none.
Plans and specifications filed.

(4187) GRADING, CONCRETE, CE-
ment, terrazzo step work, cribbing
and bulkheading on above.

Contractor.....R. Massagli & Co., 2298
Turk, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Grading done, bulkheading and
forms ready for concrete.....\$375
Completed and accepted.....400
TOTAL COST, \$1335

Bond, none. Limit, without delay to
other work. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(4188) N CLEMENT 82-6 E 25th Ave
No. 2332 Clement. Alterations and
additions to two-story frame bldg.

Owner.....Peter Fondacare, 2342 Cle-
ment, San Francisco.

Architect.....Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor.....Hantzsch & McKay, 328
31st Ave., San Francisco.

Filed Dec. 24, '14. Dated Dec. 9, '14.
Framing done, house enclosed and
ready for roof.....\$450
Brown coated.....450
Completed and accepted.....450
Usual 35 days.....470
TOTAL COST, \$1720

Bond, none. Limit, 20 days. Forfeit,
\$5. Plans and specifications filed.

BULLETIN BOARD

(4189) THIRD AND TOWNSEND.
Galvanized iron bulletin board.

Owner.....J. Chas. Green, Valencia
near 14th, S. F.

Architect.....None.
Day's work.....COST \$100

REPAIRS

(4190) S IVY 100 E Webster. Repair
fire damage.

Owner.....M. J. & Wm. J. O'Connell, 490
O'Connell St., S. F.
Architect.....None.
Contractor.....J. J. & George, 400
10th St., San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

Contractor.....Henry Conrad, 2854 Pine,
San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

MOVING, BRACING, ETC.

(4186) NW NINETEENTH & DOUG-
lass N 25xW 91-4. Bracing, raising
and moving present three-story
frame building from NE Hattie & 18th
Owner.....R. J. Rudebeck, 4596 18th,
San Francisco.

Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor.....D. J. and T. Sullivan, 1940
Folsom, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Building set on new foundations
at new location and accepted.....\$337
Usual 35 days.....313
TOTAL COST, \$1250

Bond, \$7500. Sureties, The Aetna Ac-
cident & Liability Co. Limit, without
delay to other work. Forfeit, none.
Plans and specifications filed.

(4187) GRADING, CONCRETE, CE-
ment, terrazzo step work, cribbing
and bulkheading on above.

Contractor.....R. Massagli & Co., 2298
Turk, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Grading done, bulkheading and
forms ready for concrete.....\$375
Completed and accepted.....400
TOTAL COST, \$1335

Bond, none. Limit, without delay to
other work. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(4188) N CLEMENT 82-6 E 25th Ave
No. 2332 Clement. Alterations and
additions to two-story frame bldg.

Owner.....Peter Fondacare, 2342 Cle-
ment, San Francisco.

Architect.....Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor.....Hantzsch & McKay, 328
31st Ave., San Francisco.

Filed Dec. 24, '14. Dated Dec. 9, '14.
Framing done, house enclosed and
ready for roof.....\$450
Brown coated.....450
Completed and accepted.....450
Usual 35 days.....470
TOTAL COST, \$1720

Bond, none. Limit, 20 days. Forfeit,
\$5. Plans and specifications filed.

BULLETIN BOARD

(4189) THIRD AND TOWNSEND.
Galvanized iron bulletin board.

Owner.....J. Chas. Green, Valencia
near 14th, S. F.

Architect.....None.
Day's work.....COST \$100

REPAIRS

(4190) S IVY 100 E Webster. Repair
fire damage.

Owner.....M. J. & Wm. J. O'Connell, 490
O'Connell St., S. F.
Architect.....None.
Contractor.....J. J. & George, 400
10th St., San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

Contractor.....Henry Conrad, 2854 Pine,
San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

MOVING, BRACING, ETC.

(4186) NW NINETEENTH & DOUG-
lass N 25xW 91-4. Bracing, raising
and moving present three-story
frame building from NE Hattie & 18th
Owner.....R. J. Rudebeck, 4596 18th,
San Francisco.

Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor.....D. J. and T. Sullivan, 1940
Folsom, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Building set on new foundations
at new location and accepted.....\$337
Usual 35 days.....313
TOTAL COST, \$1250

Bond, \$7500. Sureties, The Aetna Ac-
cident & Liability Co. Limit, without
delay to other work. Forfeit, none.
Plans and specifications filed.

(4187) GRADING, CONCRETE, CE-
ment, terrazzo step work, cribbing
and bulkheading on above.

Contractor.....R. Massagli & Co., 2298
Turk, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Grading done, bulkheading and
forms ready for concrete.....\$375
Completed and accepted.....400
TOTAL COST, \$1335

Bond, none. Limit, without delay to
other work. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(4188) N CLEMENT 82-6 E 25th Ave
No. 2332 Clement. Alterations and
additions to two-story frame bldg.

Owner.....Peter Fondacare, 2342 Cle-
ment, San Francisco.

Architect.....Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor.....Hantzsch & McKay, 328
31st Ave., San Francisco.

Filed Dec. 24, '14. Dated Dec. 9, '14.
Framing done, house enclosed and
ready for roof.....\$450
Brown coated.....450
Completed and accepted.....450
Usual 35 days.....470
TOTAL COST, \$1720

Bond, none. Limit, 20 days. Forfeit,
\$5. Plans and specifications filed.

BULLETIN BOARD

(4189) THIRD AND TOWNSEND.
Galvanized iron bulletin board.

Owner.....J. Chas. Green, Valencia
near 14th, S. F.

Architect.....None.
Day's work.....COST \$100

REPAIRS

(4190) S IVY 100 E Webster. Repair
fire damage.

Owner.....M. J. & Wm. J. O'Connell, 490
O'Connell St., S. F.
Architect.....None.
Contractor.....J. J. & George, 400
10th St., San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

Contractor.....Henry Conrad, 2854 Pine,
San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

MOVING, BRACING, ETC.

(4186) NW NINETEENTH & DOUG-
lass N 25xW 91-4. Bracing, raising
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Owner.....R. J. Rudebeck, 4596 18th,
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Kearny, San Francisco.

Contractor.....D. J. and T. Sullivan, 1940
Folsom, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Building set on new foundations
at new location and accepted.....\$337
Usual 35 days.....313
TOTAL COST, \$1250

Bond, \$7500. Sureties, The Aetna Ac-
cident & Liability Co. Limit, without
delay to other work. Forfeit, none.
Plans and specifications filed.

(4187) GRADING, CONCRETE, CE-
ment, terrazzo step work, cribbing
and bulkheading on above.

Contractor.....R. Massagli & Co., 2298
Turk, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Grading done, bulkheading and
forms ready for concrete.....\$375
Completed and accepted.....400
TOTAL COST, \$1335

Bond, none. Limit, without delay to
other work. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(4188) N CLEMENT 82-6 E 25th Ave
No. 2332 Clement. Alterations and
additions to two-story frame bldg.

Owner.....Peter Fondacare, 2342 Cle-
ment, San Francisco.

Architect.....Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor.....Hantzsch & McKay, 328
31st Ave., San Francisco.

Filed Dec. 24, '14. Dated Dec. 9, '14.
Framing done, house enclosed and
ready for roof.....\$450
Brown coated.....450
Completed and accepted.....450
Usual 35 days.....470
TOTAL COST, \$1720

Bond, none. Limit, 20 days. Forfeit,
\$5. Plans and specifications filed.

BULLETIN BOARD

(4189) THIRD AND TOWNSEND.
Galvanized iron bulletin board.

Owner.....J. Chas. Green, Valencia
near 14th, S. F.

Architect.....None.
Day's work.....COST \$100

REPAIRS

(4190) S IVY 100 E Webster. Repair
fire damage.

Owner.....M. J. & Wm. J. O'Connell, 490
O'Connell St., S. F.
Architect.....None.
Contractor.....J. J. & George, 400
10th St., San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

Contractor.....Henry Conrad, 2854 Pine,
San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

MOVING, BRACING, ETC.

(4186) NW NINETEENTH & DOUG-
lass N 25xW 91-4. Bracing, raising
and moving present three-story
frame building from NE Hattie & 18th
Owner.....R. J. Rudebeck, 4596 18th,
San Francisco.

Architect.....Chas. J. Rousseau, 46
Kearny, San Francisco.

Contractor.....D. J. and T. Sullivan, 1940
Folsom, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Building set on new foundations
at new location and accepted.....\$337
Usual 35 days.....313
TOTAL COST, \$1250

Bond, \$7500. Sureties, The Aetna Ac-
cident & Liability Co. Limit, without
delay to other work. Forfeit, none.
Plans and specifications filed.

(4187) GRADING, CONCRETE, CE-
ment, terrazzo step work, cribbing
and bulkheading on above.

Contractor.....R. Massagli & Co., 2298
Turk, San Francisco.

Filed Dec. 23, '14. Dated Dec. 22, '14.
Grading done, bulkheading and
forms ready for concrete.....\$375
Completed and accepted.....400
TOTAL COST, \$1335

Bond, none. Limit, without delay to
other work. Forfeit, none. Plans and
specifications filed.

ALTERATIONS

(4188) N CLEMENT 82-6 E 25th Ave
No. 2332 Clement. Alterations and
additions to two-story frame bldg.

Owner.....Peter Fondacare, 2342 Cle-
ment, San Francisco.

Architect.....Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.

Contractor.....Hantzsch & McKay, 328
31st Ave., San Francisco.

Filed Dec. 24, '14. Dated Dec. 9, '14.
Framing done, house enclosed and
ready for roof.....\$450
Brown coated.....450
Completed and accepted.....450
Usual 35 days.....470
TOTAL COST, \$1720

Bond, none. Limit, 20 days. Forfeit,
\$5. Plans and specifications filed.

BULLETIN BOARD

(4189) THIRD AND TOWNSEND.
Galvanized iron bulletin board.

Owner.....J. Chas. Green, Valencia
near 14th, S. F.

Architect.....None.
Day's work.....COST \$100

REPAIRS

(4190) S IVY 100 E Webster. Repair
fire damage.

Owner.....M. J. & Wm. J. O'Connell, 490
O'Connell St., S. F.
Architect.....None.
Contractor.....J. J. & George, 400
10th St., San Francisco.

Filed Dec. 23, '14. Dated Dec. 14, '14.
Progressive payments on.....750
Usual 35 days.....250
TOTAL COST, \$1832

Bond, \$916. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, \$.
Plans and specifications filed.

- may concern. Completed —
 Dec. 1, 1914—E TWENTY-FIFTH
 Ave 150 N Anza N 25x120. Elmer
 E Clark to J F Powers, C H Beck-
 man, A Lettich, B Bryon, W Bald-
 win, Golden West Sheet Metal Wks,
 and Massagh & Vannucci. Dec. 1, '14
 Dec. 2, 1914—N TWENTY-NINTH 80
 E Castro. H A Wittkopp to M P
 Kempton. Nov. 29, 1914
 Dec. 2, 1914—NE HAIGHT AND
 Pierce E 25xN 100. Sam or S Her-
 mann and J B Hermann to Far-
 nochia Petri Co. Nov. 19, 1914
 Dec. 2, 1914—SE PIERCE AND BAY
 E 600xS 618.75. Panama-Pacific
 International Exposition Co to
 Scott Co. Nov. 30, 1914
 Dec. 2, 1914—N UNION 190 W Web-
 ster W 25xN 137-6. Florence Davis
 to M M Finlayson. Nov. 30, 1914
 Dec. 2, 1914—SE STOCKTON AND
 Union Square Ave. Town & Coun-
 try Club to W A Goerlicke. Nov. 18, '14
 Dec. 2, 1914—E COMMONWEALTH
 Ave 133-4 S California S 33-4x
 120.42. Louis Gross to Wm F Yates
 Nov. 24, 1914
 Dec. 3, 1914—EXPOSITION SITE. R
 Bernstrom, Commissioner General
 of Sweden to Panama-Pacific In-
 ternational Exposition (lease-
 holder) to Lange & Bergstrom. .
 Nov. 25, 1915
 Dec. 3, 1914—W BATTERY 70 from
 SW Cor. Broadway and Battery S
 67-6 W 117-6 N 67-6 E 20 N 70 E
 20 S 70 E 137-6. George H and
 Lizzie S Mastick to Otto Kruz. .
 Dec. 2, 1914
 Dec. 3, 1914—COMG. AT POINT 137-6
 E from SE Hyde and Greenwich E
 34-4½xS 137-6. Eulah M Coates to
 M Holm & Son. Dec. 1, 1914
 Dec. 4, 1914—SE HYDE & GREEN-
 wich E 100xS 68-9. Greenyich
 Realty Co to R de Luca. Dec. 1, 1914
 Dec. 4, 1914—W SANCHEZ 75 S 30th;
 No. 1716 Sanchez. Joseph O'Conner
 to Ward C Brown. Dec. 2, 1914
 Dec. 4, 1914—E TWENTY-SIXTH AV
 205-8 S West Clay S 26x120. A
 E or Arthur E and Berthe L Voll-
 mer to Harry Walters. Dec. 2, 1914
 Dec. 4, 1914—S GEARY 50-0½ W
 Johnstons Ave W 25xS 100. Wm A
 Vorrath to whom it may concern
 Dec. 3, 1914
 Dec. 4, 1914—S PACIFIC AVE 32-6 E
 Walnut E 110xS 127-8½. Mrs
 Katharine P Hooker to Anderson &
 Rainey. Nov. 25, 1914
 Dec. 4, 1914—SE PIERCE & BAY E
 600xS 618.75. Panama-Pacific In-
 ternational Exposition Co to The
 Turner Co. Nov. 30, 1914
 Dec. 5, 1914—W FOURTH AVE 25 S
 Irving 25x95. Hannah Clancy to
 D J Clancy. Dec. 5, 1914
 Dec. 5, 1914—NE EDDY AND JONES
 N 137-6x127-6. W E Dean to
 Golden Gate Iron Works. Dec. 4, 1914
 Dec. 5, 1914—E TWENTY-FIFTH
 Ave 200 N Anza N 25x120. Jacob
 H Thorup to whom it may concern
 Dec. 1, 1914
 Dec. 5, 1914—EXPOSITION SITE.
 Panama-Pacific Exposition Com-
 mission State of Wisconsin (lessee)
 to whom it may concern. Dec. 4, 1914
 Dec. 5, 1914—S GROVE 228-3 W La-
 guna W 103xS 120. Wm J Gal-
 lagher to J Devarie. Dec. 5, 1914
 Dec. 5, 1914—N TWENTY-NINTH 30
 W Castro W 25xN 78. Arthur T
 Jansson to whom it may concern.
 Dec. 2, 1914
 Dec. 5, 1914—E TWENTY-FIRST
 Ave 275 S Lincoln Way (H) 25x120.
 C J Love to H E and T W Mac-
 Arthur. Dec. 3, 1914
 Dec. 5, 1914—E JANSEN 71-6 m or l
 N Greenwich N 33x120. J J Silva
 to Liebert & Martinelli. Dec. 3, 1914
 Dec. 7, 1914—E CHURCH 51 N 29th
 25x100. R Batti to F De Martini
 Dec. 5, 1914
 Dec. 7, 1914—E VICKSBURG 95 S
 23rd S 35x120. John T Miller
 to A E Olson. Dec. 4, 1914
 Dec. 7, 1914—SE UNION & POWELL
 E 124-8½ SE 19-11½ S 122-1½ W
 137-6 N 137-6. Rose F Debendetti,
 Regina A, May L and Irene R
 Cuneo to Ravani Plumbing Co. .
 Dec. 3, 1914
 Dec. 7, 1914—GROSH HOTEL on Suter
 Street. M D Grosh, E G Larze-
 lere and Louise M Sage to Par-
 quet Floor Co. Dec. 2, 1914; Lithoid
 Products Co. Dec. 2, 1914
 Dec. 8, 1914—NW JACKSON AND
 Cherry W 79-9 N 93 to S line Pre-
 sidio Reservation wall NE along
 said line 80-0½ m or l to W Cherry
 S 100 m or l. J Sheldon Potter to
 Isaac Penny. Dec. 3, 1914
 Dec. 8, 1914—N PACIFIC AVE 37-6
 E Pierce N 127-8½x120. Mrs H M
 Holbrook to J Harold Johnson. .
 Nov. 24, 1914
 Dec. 8, 1914—N ALVARADO 250 W
 Douglass W 25xN 114. Sybilla
 Baader to Edwin Roller. Nov. 15, '14
 Dec. 8, 1914—W HYDE 62-6 N Pine N
 25x117-10. Herman D Hogrefe to
 Herman D Hogrefe. Dec. 9, 1914
 Dec. 8, 1914—NO. 2252 BROADWAY.
 A B Hammond to Daniel O'Neill.
 Dec. 3, 1914
 Dec. 9, 1914—S COMMERCIAL 60 E
 Montgomery S 59-6x120. Pacific
 Gas & Electric Co to Pacific Fire
 Extinguisher. Dec. 2, 1914
 Dec. 9, 1914—S FELTON 35 E Har-
 vard E 30xS 100 Blk 102 Only Md Hd
 Ass'n. George Koenig to Chris-
 tian Hansen. Dec. 8, 1914
 Dec. 9, 1914—SW GREENWICH AND
 Larkin S 46-1½xW 70. Wm G
 Gilmore to Higginson Co, Inc. . .
 Dec. 8, 1914
 Dec. 9, 1914—SW TAYLOR & EDDY
 W 137-6xS 137-6. Morris, Joseph
 and Julia Heyman, Theresa Stone,
 Emilie Baruch & Henry W Hyman
 Est to A Lynch. Dec. 5, 1914
 Dec. 10, 1914—E POWELL 137-6 N
 California N 68-9x127-6. A W or
 Alexander W Wilson and Jos Mar-
 tin to The Clinton Fireproofing Co
 of California. Dec. 4, 1914
 Dec. 10, 1914—E POWELL 137-6 N
 California N 68-9x127-6. A W or
 Alexander W Wilson & Jos Martin
 to Paraffine Paint Co. Dec. 4, 1914
 Dec. 10, 1914—E UTAH 150 S 24th S
 25x120. Margaret E Mullin to
 Thomas F Mitchell. Dec. 4, 1914
 Dec. 10, 1914—E BUENA VISTA TER-
 race 51.5 S Duboce Ave. C G Berg
 to whom it may concern. Dec. 9, 1914
 Dec. 10, 1914—W HYDE 112-6 N Pine
 N 25xW 117-10 2-7. Harriet H
 Jolliffe to whom it may concern.
 Dec. 1, 1914
 Dec. 10, 1914—E SIXTEENTH AVE
 72 N Lake N 28x120. Robert J
 McGabie to A Sarraile and S Iago-
 marsino. Dec. 10, 1914
 Dec. 10, 1914—W Bartlett 61-1 N 25th
 N 25x120. William A Christen
 to Mager Bros. Dec. 10, 1914
 Dec. 10, 1914—N CUMBERLAND 92-6
 W Guerrero 27-6x89. E P Peterson
 to John J Bluet Co. Dec. 10, 1914
 Dec. 10, 1914—W PARKER 331-7 N
 Geary N 25xW 120. Antone and
 Katie Radijov to A M Wallen. . .
 Dec. 10, 1914
 Dec. 11, 1914—NE POST & LEAVEN-
 worth 62-6 on Post by 87-6 on
 Leavenworth. Geo M Caesar to F
 L Hansen. Nov. 1, 1914
 Dec. 11, 1914—NE FOURTH AVE &
 Cabrillo (C) 32x95. David Condon
 to whom it may concern. Dec. 11, 1914
 Dec. 11, 1914—S KIRKWOOD 101 W
 Mendel 25x117. Albert J Milly to
 whom it may concern. Nov. 28, 1914
 Dec. 11, 1914—N KIRKWOOD 50 —
 Mendel 25x110. Eugene Sweeney to
 whom it may concern. Nov. 28, 1914
 Dec. 11, 1914—COMG. 100 W from
 NW Fillmore and Filbert th N 120
 xW 37-6. Dante Dianda to P
 Maffei Bros. Dec. 12, 1914
 Dec. 11, 1914—NE ELLIS & POWELL
 — 64-3 N 115 W 64-3 S to beg. The
 Pabst Brewing Co. of Milwaukee
 to J R Wilson and J T Ludlow, Co-
 partners. Dec. 5, 1914
 Dec. 11, 1914—NW SUTTER AND
 Pierce W 75xN 120. S A White
 to Albach & Mayer, Dec. 11; N A
 Carlson, Dec. 11; Henry Kunst. . .
 June 11, 1914
 Dec. 11, 1914—BDED BY HUMBOLDT
 23rd, Georgia & Louisiana, Potrero
 Nuevo Blk 464. Pacific Gas &
 Electric Co to Read & White. . .
 Dec. 8, 1914
 Dec. 12, 1914—GROSH HOTEL ON
 Sutter. M D Grosh, E G Larze-
 lere and Louise M Sage to Scott Co, Dec
 11; Atlas Heating & Ventilating
 Co, Inc. Dec. 11, 1914
 Dec. 12, 1914—E NINETEENTH AVE
 225 N Fulton N 25x120. Frank J
 and Annie Taylor to whom it may
 concern. Dec. 10, 1914
 Dec. 12, 1914—E HARRISON AND
 Hayward NE 75xSE 75. City Elec
 Co to Reardon Const Constr Co. .
 Dec. 11, 1914
 Dec. 12, 1914—E SANCHEZ 181-6 S
 22nd S 22-6x120. Jos F Moss to
 Bay City Bldg Co, Inc. Dec. 4, 1914
 Dec. 14, 1914—SW KIRKHAM AND
 8th Ave S 95xW 32-6. C S Brundage
 to Cox Bros. Dec. 14, 1914
 Dec. 15, 1914—NW STOCKTON AND
 Post N 137-6xW 137-6. Blanche M
 Burbank to C C Morehouse. . . .
 Dec. 15, 1914
 Dec. 15, 1914—SE GEARY & TAYLOR
 S 137-6x127-6. Clift Realty Co by
 Agent P J Walker to A P Brady. .
 Dec. 7, 1914
 Dec. 15, 1914—N TWENTY-FIRST
 100 E Eureka E 25xN 97-6. Amelia
 Malmburg to whom it may concern
 Dec. 15, 1914
 Dec. 15, 1914—W JONES 65 N Broad-
 way W 68-6xN 35. Laura S Nathan
 to Farnocchia-Petri Co. Dec. 14, 1914
 Dec. 15, 1914—W THIRTIETH AVE
 100 S Clement S 25xW 120. Fred-
 erick Quirie to whom it may concern
 Dec. 14, 1914
 Dec. 16, 1914—NE CABRILLO AND
 46th Ave N 60x120. Sylvester
 Andriano to Giuseppe Andriano. .
 Dec. 12, 1914
 Dec. 16, 1914—S SACRAMENTO 87-6
 W Maple W 187-6 S 132-7½ W
 137-6 S 132-7½ E 412-6 N 132-7½
 W 87-6 N 132-7½. Hospital for
 Children and Training School of
 Nurses to George Healing. Dec. 14, '14
 Dec. 16, 1914—LOTS 13 AND 14 BLK
 9 St. Francis Wood; comg at inter-
 section dividing line Lots 14 and
 15 Blk 9 and E line San Fernando
 Way N 75 deg 19 min 59 sec E 100

S along curve to right 33.23 S 80 deg 26 min 55 sec W 100 N along curve to left 25 ptn Lot 15 Blk 9, St. Francis Wood. H O Harrison to Theodore Wetzel Jr., Dec. 7, 1914
Dec. 16, 1914—W GUERRERO 86 S 19th S 28xW 75. John J Binet Co to Mission Realty Co., Dec. 15, 1915
Dec. 16, 1914—N PINE 87-6 W Sansome W 50xN 137-6. McCreery East Co to E F Burke., Dec. 14, 1914
Dec. 17, 1914—S BROADWAY 183-6 W Jones W 23xS 60. Pegrelo Casella to G Ferroni & Son, Dec. 17, 1914
Dec. 18, 1914—LOT 9 BLK 6 Amended Map Ingleside Terrace. Thos Nelson to A D Nelson., Sept. 1, 1914
Dec. 18, 1914—W TWENTY-THIRD Ave 215 S Ulloa S 25xW 120. John H and Isidora Claussen to John F Haner., Dec. 8, 1914
Dec. 18, 1914—ON CALIFORNIA ST., side of Block bdd by California, Sacramento, Jones and Taylor. Grace Cathedral Corp to Beach Robinson Co., Dec. 14, 1914
Dec. 18, 1914—E EUREKA 150 S 18th S 108-6x E 120. Beulah Real Estate Co to A E Olson., Dec. 16, 1914
Dec. 19, 1914—S CLEMENT 32-6 W 16th Ave. Annie E Hooper to whom it may concern., Dec. 15, 1914
Dec. 19, 1914—EXPOSITION SITE. Board of Panama-Pacific Managers of the State of Massachusetts to W D Henderson., Dec. 16, 1914
Dec. 21, 1914—W TENTH Ave 225 S Lake. Wm L Vice to Ruegg Bros., Dec. 11, 1914
Dec. 21, 1914—E DOLORIS 60 S 20th S 41-6x E 30. Roderic A Troyer to A E Olson., Dec. 19, 1914
Dec. 21, 1914—NE FULTON and Parker Ave E 175xN 275. The President and Board of Trustees of St. Ignatius College to Baker & Hamilton., Dec. 15, 1914
Dec. 21, 1914—LOT 6 BLK 5 Crocker Amazon Tract. John Bjorkman to whom it may concern., Nov. 10, 1914
Dec. 21, 1914—E NINETEENTH Ave 175 N Balboa N 25x E 120. Michael Costello and Bryan Ferriack to whom it may concern., Dec. 19, 1914
Dec. 21, 1914—E TWENTY-THIRD Ave 250 S Clement S 25x E 120. B Getz to whom it may concern., Dec. 5, 1914
Dec. 21, 1914—W FORTY-THIRD Ave 285 N Fulton N 40x120. Middleton A Von Schmidt to whom it may concern., Dec. 18, 1914
Dec. 21, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Continental Fireproofing Co., Dec. 14, 1914
Dec. 21, 1914—E HYDE, bet. Bush and Jefferson; E Hyde, bet. Beach and Jefferson. California Fruit Cannery's Ass'n to Daniel L Bienfield & Co., Dec. 21, 1914
Dec. 22, 1914—NE HYDE & FRANCISCO E 45xN 127-6. Blanche H Patligian to J E O'Mara., Dec. 11, 1914
Dec. 22, 1914—E THIRD Ave 129 N Fulton N 25x E 120. Fannie M M Harney to L A Secor., Dec. 16, 1914
Dec. 22, 1914—E TWENTY-SIXTH Ave 25 N Irving N 25x E 95. Ralph J Button to whom it may concern., Dec. 22, 1914
Dec. 22, 1914—SW SANSOME AND California. Firemen's Fund Ins Co to Farrell & Reed., Dec. 17, 1914
Dec. 22, 1914—S LAKE 32-6 W 18th Ave W 25xS 100. Selma S Evans and Rose C C Turney to Oscar E Evans., Dec. 21, 1914
Dec. 23, 1914—SE GEARY & TAYLOR

S 120-6x E 87. Chas Keats Co to J W Bender Rector Co, Dec. 19, 1914
Dec. 23, 1914—NW STOCKTON AND Union N 45-6xW 78-6. Peter and wife Janne Cochl to William Little., Dec. 21, 1914
Dec. 23, 1914—N ANZA 50 E 8th Ave E 26 xN 100 O L 277. James Gleason to whom it may concern., Dec. 11, 1914
Dec. 23, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Joost Bros., Dec. 14, 1914
Dec. 23, 1914—S JESSIE AND NEW Montgomery SW 264 SE 68 NE 261-6 NW 68-0-2. Sharon Estate Co by Macdonald & Kuhn to The American Marble & Mosaic Co of San Francisco., Dec. 21, 1914
Dec. 23, 1914—SW PALOU AVE 400 N Lane NW 25xSW 100 Blk 329. South San Francisco. J R Finocchio to G Anderson., Dec. 14, 1911
Dec. 23, 1914—E THIRTY-SECOND Ave 266 N Clement. Thomas Waymark to whom it may concern., Dec. 19, 1914
Dec. 23, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Brode Iron Works., Dec. 14, 1914
Dec. 23, 1914—W CASTRO 126 S Day S 25xW 105. Santi Lazzarini to J B Demartini., Dec. 23, 1914

LIENS FILED

SAN FRANCISCO COUNTY.

Dec. 7, 1914—SW NEWCOMB AVE 225 SE Hawes SE 75xSW 100 Lot 5 Blk 284 South San Francisco Hld and R R Ass'n. George Ryan vs Jno Hayes., \$14.60
Dec. 11, 1914—S CALIFORNIA 82-6 W 25th Ave W 50xS 100. M Streeter vs L U Grant., \$495
Dec. 12, 1914—SE GEARY & LARKIN W 75xS 120. J S Guerlin & Co vs P J Gartland and Paul I Karib., \$4903.85
Dec. 12, 1914—LOT 21 BLK 4 Crocker Amazon Tract; NE Athens and Naples 33.74 feet front and 25.41 rear by 100. Andrew M Christensen vs J F Haner, C W and Minnie Day., \$117.55
Dec. 12, 1914—SW SEVENTH and Stevenson. J S Guerlin & Co vs A A and J Vayssie, Robert Trost and J A Orford., \$721.60
Dec. 12, 1914—S STEVENSON and 7th SE 75xSW 75. Acme Plumbing & Sheet Metal Co vs Antoine, Alexandre and Julien Vayssie and Robert Trost., \$473.75
Dec. 14, 1914—NO. 1018 CORTLAND Ave. Frank Horn vs John Bianchi., \$25
Dec. 16, 1914—S CALIFORNIA 82-6 W 25th Ave W 50xS 100. Andrew Wagner vs L M and Betty Shuck and Lincoln U Grant., \$56
Dec. 16, 1914—NE CARRILLO AND 5th Ave N 25xE95. Vincenzo Passio vs John McCormick and L C Woolbridge., \$30
Dec. 18, 1914—N PAGE 100 E Fillmore E 41xN 155 m or l J H Kruse vs Margaret T Cary, Annie M Cary and Lincoln U Grant., \$171.32
Dec. 19, 1914—N PAGE 100 E Fillmore E 44xN 125. Harry Gerber (as Pacific Plate & Window Glass Co) vs Margaret T and Annie Cary and Lincoln U Grant., \$139
Dec. 19, 1914—W TAYLOR 100 S Sutter S 37-6xW 137-6. United Ma-

Dec. 19, 1914—N FORTY-THIRD Ave 285 N Fulton N 40x120. Middleton A Von Schmidt to whom it may concern., Dec. 18, 1914
Dec. 21, 1914—E TWENTY-THIRD Ave 250 S Clement S 25x E 120. B Getz to whom it may concern., Dec. 5, 1914
Dec. 21, 1914—W FORTY-THIRD Ave 285 N Fulton N 40x120. Middleton A Von Schmidt to whom it may concern., Dec. 18, 1914
Dec. 21, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Continental Fireproofing Co., Dec. 14, 1914
Dec. 21, 1914—E HYDE, bet. Bush and Jefferson; E Hyde, bet. Beach and Jefferson. California Fruit Cannery's Ass'n to Daniel L Bienfield & Co., Dec. 21, 1914
Dec. 22, 1914—NE HYDE & FRANCISCO E 45xN 127-6. Blanche H Patligian to J E O'Mara., Dec. 11, 1914
Dec. 22, 1914—E THIRD Ave 129 N Fulton N 25x E 120. Fannie M M Harney to L A Secor., Dec. 16, 1914
Dec. 22, 1914—E TWENTY-SIXTH Ave 25 N Irving N 25x E 95. Ralph J Button to whom it may concern., Dec. 22, 1914
Dec. 22, 1914—SW SANSOME AND California. Firemen's Fund Ins Co to Farrell & Reed., Dec. 17, 1914
Dec. 22, 1914—S LAKE 32-6 W 18th Ave W 25xS 100. Selma S Evans and Rose C C Turney to Oscar E Evans., Dec. 21, 1914
Dec. 23, 1914—SE GEARY & TAYLOR
Dec. 23, 1914—NW STOCKTON AND Union N 45-6xW 78-6. Peter and wife Janne Cochl to William Little., Dec. 21, 1914
Dec. 23, 1914—N ANZA 50 E 8th Ave E 26 xN 100 O L 277. James Gleason to whom it may concern., Dec. 11, 1914
Dec. 23, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Joost Bros., Dec. 14, 1914
Dec. 23, 1914—S JESSIE AND NEW Montgomery SW 264 SE 68 NE 261-6 NW 68-0-2. Sharon Estate Co by Macdonald & Kuhn to The American Marble & Mosaic Co of San Francisco., Dec. 21, 1914
Dec. 23, 1914—SW PALOU AVE 400 N Lane NW 25xSW 100 Blk 329. South San Francisco. J R Finocchio to G Anderson., Dec. 14, 1911
Dec. 23, 1914—E THIRTY-SECOND Ave 266 N Clement. Thomas Waymark to whom it may concern., Dec. 19, 1914
Dec. 23, 1914—NW POST & STOCKTON N 137-6xW 137-6. Blanche M Burbank to Brode Iron Works., Dec. 14, 1914
Dec. 23, 1914—W CASTRO 126 S Day S 25xW 105. Santi Lazzarini to J B Demartini., Dec. 23, 1914
Dec. 23, 1914—NW MARKET AND Sacramento E. One NW Market 138-6 to W Line The Embarras Street NW Embarras and Sacramento W 38-6 S 59-6 E 45 S 19-6 E 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-188

- kings, McMullen & Von Voorhies Co and J Piconi
- Dec. 16, 1914—N ROLPH 54 E Paris E 25xN 100; N Rolph 79 E Paris E 25xN 100. R W Kinney Co to A Olson, Rose Kirk and Axel Davis...
- Dec. 17, 1914—NE CABRILLO AND 5th Ave N 25xE 95. Vincenzo Fasasio to John McCormick and L C Woodbridge
- Dec. 18, 1914—COM. 75 N LOMBARD and 137-6 W Larkin W 68-9xN 30. Cazzaretto & Co to Western Union Home Builders, Inc and Jas and Annie Meares
- Dec. 18, 1914—E SECOND AVE 325 S Balboa (B) S 25xE 120. Louis Helbing to George Wagner Joe Hermann & wife Amanda Hermann
- Dec. 19, 1914—SW POST & LEAVENworth W 137-6xS 137-6. Pacific Mfg Co, W P Fuller & Co, Marshall & Stearns, R W Kinney Co, Wilson Bros & Co, Symon Bros, Thos Day Co, Henry Cowell Lime & Cement Co, John A Roebing's Sons Co of California to L H Sly
- Dec. 21, 1914—SE GREENWICH AND Baker E 94xS 24. L Coppellotti to Margaret A Coleman and Maggie A Shields
- Dec. 21, 1914—LOT 21 BLK 14 Crocker Amazon Tract, being NE Athens and Naples 33.74 front 22.41 rear by 100 deep. Andrew M Christenson to J F Haner, C W and Minnie Day
- Dec. 24, 1914—SE GREENWICH & Baker S 24xE 94. E B Johnson to Margaret A Coleman

NOTICE OF NON-RESPONSIBILITY.

- Dec. 28, 1914—N EDDY 68-9 E Mason E 68-9 N 89-6 E 75 N 96 W 75 S 10-6 W 68-9 S 173. Ernestine Leahy as to improvements on leased property

REMOVAL NOTICE.

W. D. HENDERSON, Patentee of the Henderson Clamp System, has removed to larger quarters, Rooms 487-491 Monadnock Bldg., Telephone, same as before, Kearny 4537.

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—4 story and base, brick and steel, \$85,000, Oakland, Cal. Architect, Clay N. Burrell, Albany Block, Oakland. Owner's name withheld. The building will be erected near Broadway and will cover a large ground area. Plans provide for a total of sixty suites of two, three and four rooms. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used in the living and dining rooms. There will be steam heat, elevator service, hot water supply and vacuum cleaning system. All suites will have wall beds and private bath rooms. Bath rooms will have tile wainscot and composition floors. Entrance will be finished in tile and marble. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are now being prepared.

RESIDENCE — 1 story and base, frame, \$3,000, Berkeley, Alameda Co., Cal. Architect, none. Owner, E. B. Splitter, 815 Oxford street, Berkeley.

The dwelling will be erected on the north side of Marin street near The Circle, and has been designed to contain six rooms, bath and sleeping porch. Interior will be finished in pine and hardwood veneer with some white enamel. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Bath room will have tile floor and wainscot. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

FIRE ALARM SYSTEM — \$4,000. Livermore, Alameda Co., Cal. Engineer, none. Owners, Town of Livermore. Two bids received by the Trustees for a fire alarm system have been rejected. The reason for rejecting the bids was that the town's finances are not in a condition to justify the probable expense of \$3,000 or \$4,000.

STREET WORK—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Council is considering the reconstruction of Twenty-third street, below the viaduct, on San Pablo from Macdonald avenue north, and a part of the sub-way.

FLAT—2 story and base, frame, \$4,000, Oakland, Cal. Architects Hutchinson Bros., 470 13th street, Oakland. Owner's name withheld. The building will be erected at the corner of 58th and Dover streets, and has been designed to contain four modern flats, each of four rooms and bath. Interior will be finished in pine and redwood with some elm panels. Hardwood floors will be used in the living and dining rooms. There will be open fire places and tile mantels. The wainscot will be used in the bath rooms. Entrance will be finished in marble. Exterior of the building will be covered with rustic. Plans are now being prepared.

GARAGE—1 story and base. Class B construction, \$10,000. Berkeley, Alameda Co., Cal. Architects, Woollett & Woollett, Newhall Bldg., S. F. Owner, George W. Rodehaver. The building will be erected on north Berkeley street east of Shattuck and has been designed for a commercial garage. There will be steel roof trusses and a cement floor. Metal window frames and sash are specified. Special gasoline storage tanks will be installed. Exterior of the building will be faced with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor. Materials are now being purchased.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Amt.
2970	Luthmann	Owner	500
2971	Carlson	Smith	1000
2972	Putnam	Putnam	450
2973	Gallo	Faliano	400
2975	Bruning	Geary	2500
2978	Crellin	Kirk	1282
2979	Bolts	Bolts	2000
2980	Wilson	Felton	400
2983	Essig	Peake	4275
2985	Derby	Schubert	2700
2986	Tisch	Courtright	2073
2987	Okl School	Nall	675
2988	Same	Same	675
2989	Same	Same	675

2990	Same	Same	675
2991	Same	Same	675

ALTERATIONS

(2970) NO. 2437 TWENTY-SIXTH, Oakland. Alterations.
Owner.....Fred Luthmann, Premises.
Architect...None.
Day's work. COST, \$500

DWELLING

(2971) E EIGHTY-FIRST AVE 80 N Plymouth, Oakland. One-story four-room dwelling.
Owner.....Carl Carlson, 2117 E-19th, Oakland.
Architect...None.
Contractor...O. G. Smith, 4411 Walnut Ave., Oakland.
COST, \$1000

DWELLING

(2972) NO. 97 LINDA, Oakland. Dwlg.
Owner.....W. Hubbard, G. A. Putnam and G. L. Putnam, Walnut Creek.
Architect...None.
Contractor...Putnam Realty Co., Walnut Creek.
COST, \$150

STORE ROOM

(2973) S FIFTH 40 W BRUSH, Oakland. Store room.
Owner.....M. Gallo, 423 Brush, Okd.
Architect...None.
Contractor...J. Faliano, 1192 Ocean Ave., Oakland.
COST, \$400

DWELLING

(2975) E MANILA 60 S Clifton, Oakland. One-story 5-room dwelling.
Owner.....J. J. Bruning, 5356 Locksley, Oakland.
Architect...None.
Contractor...L. G. Geary, 679 60th, Okd.
COST, \$2500

ALTERATIONS

(2978) NO. 1836 ALICE, Oakland. Alterations and fire repairs.
Owner.....Mrs. Thos. Crellin, Prem.
Architect...W. J. Mathews, 927 Broadway, Oakland.
Contractor...G. A. Kirk, 416 10th, Okd.
COST, \$1282

DWELLING

(2979) W TRASK 20 S Ygnacio, Oakland. One-story 5-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

REPAIRS

(2980) SW TWENTY-SECOND AND Webster, Oakland. Repairs.
Owner.....J. C. Wilson, 2118 Pacific Ave., San Francisco.
Architect...None.
Contractor...W. H. Felton, 1966 Telegraph Ave., Oakland.
COST, \$400

FRAME DWELLING

(2983) W HILLDALE AVE 120 S Marin Ave, being Lot 21 Blk 16 North Cragmont, Oakland Tp. All work for one-story seven-room and basement frame dwelling.
Owner.....Ethel M. and E. O. Essig, Berkeley.
Architect...None.
Contractor...F. R. Peake Co, 2127 University Ave., Berkeley.
Filed Dec. 23, '14. Dated Dec. 21, '14.
Frame up\$1125.00
Brown coated1050.00

(2981) NO. 804 CENTRAL AV - Ala-
meda. Repairs

to whom it may concern...Dec. 21, 1914
Dec. 22, 1914—NE COR. FIFTIETH & Manila, being Lot 38 Map Lawton Ave Tract, except W 5, Okd. James H Young to whom it may concern\$228.61
Dec. 23, 1914—SE COLUSA AVE AND NE Joseph Ave SE 80 NE 50 NW 79.45 SW 30, Bkly. Gertrude S Wingate to W S Montgomery.....Dec. 22, 1914
Dec. 23, 1914—S DURANT AVE 100 E Telegraph Ave S 130x E 40, Bkly. J A Elston and George Clark to Capitol Elec Co, Wm Makin, George H Burge and Gaspard & Hammond\$663.44
Dec. 23, 1914—LOT 11 BLK 10 Map Nothbrae, Bkly. Andrew Wolfenden to Standard Bldg Co.....Dec. 23, 1914
Dec. 23, 1914—LOT 63 BLK "H" Map Broadway Terrace, Okd. Wynn Meredith to Alex McPhee.....Dec. 14, 1914

LIENS FILED.

ALAMEDA COUNTY.

Dec. 12, 1914—LOT 162 Map Wickham Havens Inc Map Piedmont-by-the-Lake, Okd. R F Long vs Irving C Mickelson and John A Brunje.....\$202.50
Dec. 12, 1914—SE SAN PABLO AVE & Channing Way S 80x E 100, Bkly. John R Hodge and E S Collins (Hodge & Collins Lumber Co) vs O W and Delilah M Fowler, Oakland Bank of Savings and Realty Syndicate\$204.16
Dec. 15, 1914—LOT 8 Map Hume Tract Piedmont, J C Thompson vs John A Gilmore\$90
Dec. 16, 1914—E TELEGRAPH AVE & W Broadway N 108.83 NW 36.86 S 104 SE 8.70, Okd. James L Brown, Inc vs J F Carlston and A J Snyder\$12,015.73
Dec. 17, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Downey-Cavasso Glass & Paint Co vs James C Bowman, Bay Cities Bldg Co, Inc and Charles Murray\$164.80
Dec. 17, 1914—LOT 162 Map Piedmont-by-the-Lake, Okd. J W Realy vs John A Brunje and Irving C Mickelson\$165
Dec. 17, 1914—S SIXTEENTH 34.6 E Magnolia E 28x S 90, Okd. G M Comstock vs Mollie Carter.....\$35.50
Dec. 17, 1914—LOTS 3 AND 4 Map Chester & Center Street Lots, Okd. G M Comstock vs Mollie & George Carter\$66.41
Dec. 17, 1914—LOT 4 BLK 9 Map Claremont, Bkly. A K Goodmundson vs James C and Helena Kathryn Bowman and Bay Cities Bldg Co, Inc\$46
Dec. 18, 1914—NE E-FOURTEENTH 32.4 SE Second Ave SE 33.4xNE 120, Okd. J A Larson vs Angelica Larson\$210
Dec. 18, 1914—LOT 162 Map Piedmont-by-the-Lake, Okd. W T Bond, \$42.50; California Metal Wks, \$60; E L Walter, \$85; Ray B Johnson (Tri City Window Shade Manufactory), \$48 vs John A Brunje, Anthony A Boehm and I Mickelson\$210
Dec. 18, 1914—LOT 162 Wickham Havens Inc Map Piedmont-by-the-Lake, Okd. Pacific Hardware & Steel Co vs Irving Mickelson and J A Brunje\$71.65
Dec. 18, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. Port Costa Brick Works, \$148.14; Howard Co, \$114.75 vs St. George Hall Ass'n and F J Klenck.....\$276.16
Dec. 19, 1914—N 1/2 LOT 3 Livermore Orchard Tracts, Murry Tp. John R Hodge and E S Collins (Hodge & Collins Lumber Co) vs Vera E and W E Stansfield and M A Miller\$228.61
Dec. 19, 1914—S CENTRAL AVE 100 W Palm W 145x S 300, Alameda. R Wiand vs William R Geary, F N Dodd, Harold Everhart and A P Johnson\$663.44
Dec. 19, 1914—LOT 162 Map Piedmont-by-the-Lake, Okd. Sunset Lumber Co vs John A Brunje and I C Nickelsen\$64.87
Dec. 21, 1914—LOT 4 BLK Map Claremont, Bkly. Cobbledick-Kibbe Glass Co vs J C and Helena Kathryn Bowman, Bay City Bldg Co, P H White and Chicago Bonding & Surety Co\$137.81
Dec. 21, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. John McGuigan & Co vs St. George Hall Ass'n and F J Klenck.....\$63
Dec. 21, 1914—LOT 19 Snyder Tract, Bkly. Otis Elevator Co vs Cutter Laboratory and H J F Sattin.....\$165
Dec. 21, 1914—S CENTRAL AVE 100 W Palm W 145x S 300, Ala. John H Eustice vs William R Geary, F N Dodd, Harold Everhart and A P Johnson\$36.61
Dec. 21, 1914—LOT 4 BLK 9 Map Claremont, Bkly. John P Maxwell (Maxwell Hardware Co) vs James C Bowman and Bay City Bldg Co, Inc\$475.88
Dec. 21, 1914—LOT 23 Map North Christiania Tract, Albany. G C Hidecker vs W A Walker.....\$38.40
Dec. 21, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. Hogan Lumber Co vs F J Klenck and G Fake\$152.31
Dec. 22, 1914—N NINTH 63 E Brush E 37 N 75 W 25 S 25 W 12 S 50, Okd. J M Dale vs Nellie Nelson.....\$68
Dec. 22, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Andrew T Hunt vs H K and J C Bowman and G D Patterson\$65
Dec. 23, 1914—LOT 4 BLK 9 Map Claremont, Bkly. California Standard Planing Mill vs J C and Helena Kathryn Bowman, Bay Cities Bldg Co, Inc and P H White.....\$307.67
Dec. 23, 1914—LOT 4 BLK 9 Map Claremont, Bkly. H Larsen vs R Bell, Helena Kathryn Bowman, Chicago Bonding Co and John Doe\$117
Dec. 23, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Barman Bros vs Helena Kathryn Bowman and P H White\$100
Dec. 23, 1914—SE TWENTY-FIFTH & Grove S 60x E 90, Okd. R W Bartram vs St. George's Hall Association and F J Klenck.....\$365
Dec. 23, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Dow C Golden vs J E and Helena Kathryn Bowman and J E Cook.....\$65
Dec. 23, 1914—LOT 4 BLK 9 Map Claremont, Bkly. Inlaid Floor Co vs James C and Helena Kathryn Bowman and Bay City Bldg Co, Inc\$318.75

RELEASE OF LIENS

ALAMEDA COUNTY.

Dec. 8, 1914—N FOURTEENTH 90 W Center W 179 NE 104.2 E 116.57 S 100, Okd. A J Hillam to Wallace Clark\$276.16

Dec. 9, 1914—SE LAWTON AND College Aves NE 60 SE 106 SW 102 N to pt. beg, Okd. N O Nelson Mfg Co to S Koerber Co and C E Graven\$302.
Dec. 7, 1914—LOT 71 Map Resbdivn Peralta Park, Bkly. Pacific Mfg Co to Otto Mailanen et al.....\$740.
Dec. 8, 1914—SE GREENWICH AND Baker E 94x S 24. J H Kruse to Margaret A Coleman and E B Johnson\$302.
Dec. 9, 1914—W FORTIETH AVE 175 S Lincoln Way S 25x W 100. J H Kruse to Geo V McCausland and Peter Michel\$302.
Dec. 9, 1914—NW TACOMA & 15TH Ave N 25x W 105. Franks & Johnson to J I Cumming.....\$302.
Dec. 10, 1914—N TWENTY-SECOND 101-9 W Church W 25x N 114. James E Lennon Lime & Cement Co to Prentiss M and M N Shoat.....\$302.
Dec. 14, 1914—E FRANKLIN 256 N 14th N 65x E 150, Okd. T A Johnson, \$273; Pacific Fuel & Bldg Material Co, \$732.85; John A Roebeling's Sons Co, \$498.34 to Thos S Williams\$302.
Dec. 16, 1914—W BROADWAY 100 N 26th N 50x W 100, Okd. F G Jones to R J McMullen.....\$219.60
Dec. 17, 1914—E FRANKLIN 256 N 14th N 65x E 150, Okd. I H Parks to Thos S Williams and David Elms Graham\$28.15
Dec. 21, 1914—LOTS 20 AND 21 Map Geo W Austin's Sbdvn Bldg "D" Vernon Park Tract, Okd. California Door Co, \$117; E Lightfoot, \$271.50; Herbert Hansen, \$69; Pacific Fuel & Bldg Material Co, \$10.15; Charles F Smart, \$17.50; Wm H Craig, \$12.50; C H McCoy and C P Hunter, \$32.50; Herman Bredlow, \$38.50; Robert F Norling, \$50; James Carroll & Co, \$15.50; J S Cowan, \$49.78; Joe Carroll, \$20; A H Bar (Bar Mercantile Co), \$120.35; J A Turgeon, \$100; California Roofing Co, \$40; Leo V Gelder, \$118; Swift & Wilcox, \$175; Wm Delacour (Delacour Art Glass Works), \$19.32 to Howard W and Minnie Williford, Charlotte A and Earle L Menker.....\$302.

OAKLAND HARBOR IMPROVEMENTS

[Commercial Agent W. B. Henderson, San Francisco.]

Municipal and transportation-corporation work in harbor improvement at Oakland, Cal., is already having an appreciable effect on the growth of the city. As different phases of the several projects are completed and a larger use made of them a greater impetus will be given to progress in this section.

The harbor and water-front work at Oakland may be divided into three parts: First, the work under operation and that contemplated by the Federal Government; second, that which is being done by the Oakland municipal government; and third, that under construction by transportation corporations holding leases from the municipal government on the water front. This classification will cover 95 per cent of the harbor and water-front improvement now going forward and for which plans have been perfected.

The Oakland harbor, from its physical characteristics, may be divided into an outer harbor, i. e., the portion of the Bay of San Francisco adjacent

to the western frontage, and an inner harbor, which includes the water frontage and waterway along the estuary of San Antonio, the latter being 6½ miles long, extending inland from the bay.

Government Improvements.

The actual Government work so far completed has been on the estuary, or inner harbor, and has consisted of channel making and maintenance through its length. The Government has constructed a channel 500 feet wide and 30 feet deep extending from the bay approximately 4¼ miles up the estuary, and one 200 feet wide and 25 feet deep along the Oakland shore to the upper end of the estuary. Further widening and deepening of the channel is in progress and an appropriation made by the last Congress is available for this work. In round figures, the Federal Government has expended about \$4,000,000 on this harbor improvement.

Another part of the Government work is that planned by Lieut. Col. Rees, U. S. A., in charge of rivers and harbors in this district. It contemplates a dike offshore along the whole of the western water front, with a channel dredged inside the dike and wharves constructed on the shoreward side. No appropriation has yet been made for it.

Improvements by Transportation Companies.

The second class of improvement under construction by transportation corporations consists of the development of wharves and docks at the railroad terminals of the Southern Pacific, the Western Pacific, the Santa Fe, and the San Francisco-Oakland Consolidated Railroads. The Southern Pacific Co. has a project that, when completed, will represent an expenditure of 8 or 10 million dollars and will provide facilities for about 1¼ million tons annually at this port.

The Western Pacific and the San Francisco-Oakland Consolidated Railroads also have their frontage on the outer bay and they are making improvements with the same purpose in view. In the aggregate, their expenditures and facilities provided will be as great as those of the Southern Pacific. The Santa Fe has a frontage of 1,700 feet on the estuary with 30 acres of ground adjacent, and the development work being done represents, with the initial expenditure, about 1½ million dollars.

Improvements by the Municipality.

All of the Oakland water front is under the control of the municipal government and is held by it in trust for the use of commerce. Such holdings as are possessed by transportation and other corporations and private firms are held under lease and franchise grants from the city.

The total frontage from the head of the tidal canal around the bay shore to the northern limits of the city that has been or is now being improved is about 8½ miles. Of this, the city retains control of (i. e., has not leased) about one-half. The city's development work is progressing on this retained portion of the water front. The sections selected for first development consists of 4,500 feet of frontage on the west front or outer bay front, and 2,200 feet along the middle part of the estuary. A bond issue provided \$2,500,000 for inaugurating this work and

has been about all expended. The initial work on the west front consists of a levee parallel to the bay shore and extending about 1,600 feet from the actual shore line, which is 1,500 feet long. A channel and fairway have been dredged in front of this levee extending out to the deep water of the bay. The dirt removed in this dredging has been deposited back of the levee and has partly filled in the space between the levee and shore line, making a filled area adjacent to the levee of approximately 80 acres. Thirteen hundred feet of the wharfing already have been constructed on the levee and the improved ground in the rear is available for roadways, truckage, warehouses, or industrial plants.

The section of the municipal wharf that has been constructed on the estuary out of the first appropriation is now nearing completion, the amount of funds available being sufficient to equip the wharves with freight sheds, railroad tracks, and other equipment for freight handling. The estuary from the front of the municipal wharf in this section out of the Government channel has been dredged to a depth of 25 feet in low tide for a distance of 500 feet; while the municipal government has constructed a concrete pier on the upper estuary that gives a berthing space of approximately 700 feet. This is in addition to the rebuilt and re-equipped old municipal wharves with a berthing space of about 600 feet. By the first of the new year the municipal government will have in operation about 3,500 feet of berthing space, including old and new wharves. Already there are applications for their use, which indicate that these municipal wharves will handle during the next calendar year from 400,000 to 500,000 tons of freight that will be new business added to the water-carried commerce of Oakland.

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, \$4,000. San Jose, Santa Clara Co., Cal. Architects, Aitkin & Richards, Theatre Bldg., San Jose. Owner, Fred Archer. The dwelling will be erected on 11th street and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. The wainscot will be used in the bath room. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Materials are now being purchased.

BUNGALOW — 1 story and base, frame, \$2,000. San Jose, Santa Clara Co., Cal. Architect, none. Owner, C. A. Thomas, 692 North San Pedro street, San Jose. The dwelling has been designed for a five-room house with bath. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place. Mantel will be of tile. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the

owner who will do the work by Day Labor.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

ADDITION

No. 11 N. FIFTH ST., San Jose. Addn. (on to Home of Trust).

Owner, Society of Pacific Cattle Company, Property.

Architect, Wm. Binder, 1000 1/2 St., San Jose.

Contractor, R. O. Schumacher, 14 N. 11th St., San Jose.

Filed Dec. 8, 14. Dated Dec. 4, 14.

When completed, 1 mo. Usual 35 days.

TOTAL COST, \$10,000.

Bond, \$416.50. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME CHURCH

N. STEVENS CREEK ROAD, between Cleveland and Topeka Aves., Santa Clara Co. All work for one story frame church.

Owner, Roman Catholic Arch. Bishop of San Francisco, 1400 Franklin, S. F.

Architect, J. T. Lenzon, 110 S. 2nd St., San Jose.

Contractor, P. E. Peterson.

Filed Dec. 25, 14. Dated Dec. 2, 14.

Frame up, 1000.

When shingled, 625.

When completed, 1000.

Usual 35 days, 625.

TOTAL COST, \$1250.

Bond, \$1250. Sureties, J. A. and S. H. Chase Jr. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME SCHOOL

ON PRESENT SCHOOL SITE, San Jose. All work for two room frame school house.

Owner, J. J. Walsman School District, Santa Clara Co.

Architect, F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor, Sullivan & Left, Santa Clara Co.

Filed Dec. 7, 14. Dated Dec. 1, 14.

Frame up, 1000.

Shingled outside, 1000.

When completed, 1000.

Usual 35 days, 1000.

TOTAL COST, \$1000.

Bond, \$1140. Surety, Pacific Coast Casualty Co. Limit, 95 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

Dec. 10, 1914. — E. RUTLAND AVE., San Jose. W. A. Nolan & V. A. Peters. Dec 8, 14.

Dec. 11, 1914. — LOT 7 FRUIT CANNERS TRACT, San Jose. Gargano & P. Salyo. Nov 10, 14.

Dec. 11, 1914. — 17N 14TS. — AND E. of the Mace Addn No. 3, San Jose. S. B. Drick to Wm. C. Hays. Dec 10, 14.

Dec. 11, 1914. — 30 FRUIT CANNERS TRACT, San Jose. Gargano & P. Salyo. Nov 10, 14.

Dec. 11, 1914. — 30 FRUIT CANNERS TRACT, San Jose. Gargano & P. Salyo. Nov 10, 14.

Dec. 11, 1914. — 30 FRUIT CANNERS TRACT, San Jose. Gargano & P. Salyo. Nov 10, 14.

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MARIN, CONTRA COSTA AND SONOMA COUNTIES.

SEWER WORK—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. The City Engineer's plans for the construction of lateral sewers in the Pullman District have been filed with the City Council for their approval. On approval bids will be called for.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

CANAL.

1000 FEET EAST OF NW OF NE ¼ Sec. 1, T 2 S R 3 E, between Alameda and Contra Costa Counties. Cutting, grading and filling for canal 2000 feet long.

Owner,....Byron-Letham Irrigation Company.

Architect,....None.

Contractor, W. P. Peterson, Bethany, San Joaquin Co., Cal.

Filed Nov. 28, '14. Dated Nov. 24, '14.

Paid at end each calendar month

TOTAL COST, Not Given
Bond, none. Limit, 90 working days.
Forfeit, none. Plans and specifications filed.

HEATING AND VENTILATING PLANT
GRANT SCHOOL BUILDING, City of Richmond. Labor and materials required for the complete installation of a heating and ventilating plant in Grant School.

Owner,....Board of Education Richmond School District.

Consulting Eng.,...Leland & Haley, 58 Sutter St., San Francisco.

Contractor, J. C. Hurley Co., 509 6th St., San Francisco.

Filed Dec. 9, '14. Dated Dec. 5, '14.

Last day of each month,.... 75%
Usual 35 days,.... 25%

TOTAL COST, \$5222

Bond, \$1306. Surety, New England Casualty Co. Limit, 60 working days.

Forfeit, none. Plans and specifications filed.

OIL STORAGE TANKS
IN OR NEAR TOWN OF MARTINEZ, and formerly known as Cutler and Frazer Tract of land. Furnishing

and erecting ten 55,000 barrel oil storage tanks, complete.

Owner,....Shell Co. of California, Inc. Architect,....None.

Contractor, Petroleum Iron Works Co., 503 Market St., S. F.

Filed Dec. 18, '14. Dated Dec. 14, '14.

50% upon arrival of said spur track, within ten days after completion of each tank and within ten days of written notice given by contractor

TOTAL COST, \$136,500

Bond, \$68,250. Sureties, C. Lennett and John D. Alcock Jr. Limit, begin 2 days

from date and finish July 16, 1915. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
Dec. 21, 1914—LARKSPUR. (School Bldg.) Larkspur Board of School

Directors to Schultz & Wilson,....

Dec. 14, 1914

FRESNO, MODESTO STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGE AND CULVERT—Concrete construction. Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Plans and specifications prepared by the County Surveyor for the construction of a bridge on the Twenty-six Mile House road and a culvert on the Oakdale road have been approved and accepted by the Board of Supervisors and bids for the work will be received until January 12th.

SCHOOL GROUP—1 and 2 story and base, brick and steel, \$250,000. Fresno, Fresno Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. Plans have been completed for the main building, gymnasium and power house of this institution and figures are now being taken. The main building will be 265 feet long, two stories high with two one story wings. The gymnasium and boiler house will be one story high. The general contract includes the following: Mason work, structural steel and iron, carpentry, metal furring, lathing and plastering, sheet metal work and roofing, painting, staining, glass and glazing, ornamental iron work, marble, tile and electric work. Separate figures have also been called for on the plumbing, gas fitting, vacuum cleaning, steam heating and ventilating and for the installing of the boiler plant equipment in the gymnasium and boiler house. Official proposals for this work will be found under another heading in this issue.

RESIDENCES—2, 1 story and base, frame, \$5,000 each. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrill, Odd Fellows' Bldg., Stockton. Owner, A. B. Hasbacher, Stockton. These dwellings will each contain eight rooms and bath. Interiors will be finished in pine and redwood with some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile wainscot and floors will be used in the bath rooms. Automatic

[illegible]

The schemes do not include piping for houses that the water is not conveyed to treat and then in which every household will be allowed to draw his own supply of water, which will have water in the meter will be able to do so at a price of 100 francs per 1000 litres. The water is sold at 100 francs per 1000 litres. The water is sold at 100 francs per 1000 litres. The water is sold at 100 francs per 1000 litres.

COST, \$3700

by road with the south side. There are no practical difficulties in the way of carrying out the plan.

[Vice Consul General Paul R. Josselyn, Canton, Oct. 23.]

New Buildings and Building Projects in Canton.

There has been considerable building activity in Canton during 1914, in both the foreign quarter of Shameen and the Chinese quarter, particularly along the river front of New Bund. It is expected that the war in Europe may cause foreigners to put off any future building schemes until conditions become normal, but work is going ahead on the buildings already in course of construction. A considerable amount of material from the United States is used in building work, particularly in the larger and more modern buildings erected by or to be used by foreigners; but this material is imported into Canton for the most part by British and German houses. It consists of lavatory fittings, door and window hardware, lighting devices, rods for reinforced concrete construction, and lumber, chiefly California redwood, for floors and interior finish.

Principal New Buildings.

Of the buildings recently completed or nearing completion may be mentioned the following:

The Bank of Taiwan (Japanese), just completed, is a modern structure of brick and reinforced concrete, three stories in height, erected at a cost of about \$35,000. It is 120 feet long by 80 feet wide. The bars for the reinforced concrete and the metal used for the interior walls were supplied by an American firm. The wood used in the interior finish is teak on the ground floor and California redwood above. Other American material used in the building consists of doors and window hardware, bath room and lavatory fittings, skylight glass and electric lighting devices.

The Victoria Hotel, the foreign hotel on Shameen, is building a large addition that will enable foreign visitors to Canton to secure much better accommodations than has been possible heretofore. The new building is four stories in height and cost approximately \$86,000. It is of brick with wooden floors and a flat concrete roof. The hotel will have 60 guest rooms, of which 33 will have bath rooms attached. The plumbing is to be modern, a septic tank being installed underneath the building. The bath room and lavatory fittings and door and window hardware are of British manufacture.

The wood used for floors and interior finish is teak and Japanese oak. It is expected that the hotel will be completed and ready for occupancy by January 1, 1915.

The Missions Building, situated on the New Bund, is owned by a syndicate composed principally of American missionaries, and will be used as a store and general office building. It is of brick and reinforced concrete, five stories in height, and cost approximately \$25,000. The bars for the reinforced concrete, and the hardware and plumbing fixtures were imported from the United States. The brick used is of sand-lime manufactured by a Chinese company using American brick-making machinery, which was imported and sold to them by a German firm in Canton.

The administration building for the

China Baptist Publication Society, situated at Tung Shan, Canton, is a two-story brick and reinforced concrete building, 50 by 100 feet. Doors, windows and interior finish are of California redwood. The building cost \$8,500.

Directly opposite the custom house on the river front a customs examination shed 266 by 48 feet has been recently completed. The base is of granite with a brick superstructure, steel casement and trusses, and tile roof. On the water side is a steel jetty supported on screw piles, with a reinforced concrete floor. This jetty runs practically the whole length of the examination shed.

Other construction work in Canton includes a block of three-story brick flats for the foreign staff of the Chinese postal administration, which will cost \$23,000; a telephone exchange building costing \$25,000; an additional story and septic tank for the French hospital costing \$13,000; and a women's hospital costing \$6,500.

Projects for 1915.

The most important building project for 1915 is the new custom house, in modern Renaissance, four stories high, which will cost \$130,000. The main facade is 152 feet long, and the building has a depth of 72 feet. Granite from Kowloon, brick, and reinforced concrete are to be the construction materials. In the main offices the floors will be of tile, supplied by a British firm; other floors will be made of teak. There will be a dome clock tower, the top of which will be 105 feet above the pavement. The lavatory fittings are of British and the elevator of American manufacture. It is expected that the structure will be completed by the end of 1915.

The works department of the customs has also completed plans for the erection of a new post office and administration building for the Chinese Government post office, and work will be commenced in about two months. This building will have three stories and a basement and will be built of brick and reinforced concrete, 215 by 105 feet. It is to cost approximately \$56,000.

The Young Men's Christian Association is putting up a building in the Spanish-American style of architecture, three stories in height, to cost \$80,000, which was subscribed in the United States. On the ground floor will be the lobby and offices, billiard room, gymnasium reading room, and an auditorium 74 by 55 feet, with a seating capacity of 2,000. This room will have a sloping floor and a suspended gallery. The gymnasium will be 72 by 40 feet, with locker room and running track. Between the auditorium and the gymnasium will be an open swimming pool 60 by 20 feet, made of concrete and lined with tile. On the second floor will be classrooms and a dining room and kitchen, and on the third floor the dormitories for members. Kahn bars for the reinforced concrete are to be used, but the structural steel for the roof trusses, beams, etc., is to be supplied by German manufacturers. The hardware, lavatory fittings, filter for the swimming pool, etc., have not yet been purchased. The building was started in August, 1914, and is to be completed by January, 1916.

Private Buildings Projects for Next Year.

Among the private buildings at present under course of construction may be mentioned the Karanjia Building, which will be 130 by 80 feet, four stories high, built of brick and reinforced concrete, with a flat reinforced concrete roof. California redwood will be used for doors, windows, and interior finish. The plumbing supplies and bath room fittings, hardware, etc., have not yet been purchased. The building will be provided with an elevator. The excavation work is about completed and the building is to be finished by the end of 1915. It will cost approximately \$73,000.

A pair of three-story semi-detached houses of brick with reinforced concrete floors with cost \$32,000. The Chinese are also putting up a number of two, three and four story brick and concrete buildings in foreign style, to be used as hotels, shops, tea houses, etc.

[The names of architects and contractors for some of the buildings mentioned may be obtained from the Bureau of Foreign and Domestic Commerce or its branch offices.]

SOUTH AFRICA.

[Consul E. A. Wakefield, Port Elizabeth, Oct. 20.]

Harbor Improvements at Port Elizabeth.

An addition to the head of the North Jetty, at Port Elizabeth is being built by the Government Harbor Board under the supervision of the harbor engineer. It fits on the end of the Jetty like a cap having an octagonal-shaped end, thus affording a sheltering wing for each side of the Jetty. Jetties are constructed of steel piling with heavy floors and afford little or no protection, but the extension now building will be sheathed with steel sheet piling which will protect passengers landing in rough weather.

Very few vessels discharge cargo alongside the Jetties in Port Elizabeth and there are no docks. Passengers are always transferred in the harbor tugs. The harbor engineer has furnished the following information concerning the work: Length of extension, 50 feet; greatest breadth, 160 feet; foundation piles, Phoenix column section, 52 feet; bracing channel iron, 12 by 3½ inches; outer facing, steel sheet piling to be driven 8 or 9 feet into sandy bottom; flooring, corrugated steel finished with concrete and asphalt; time of construction, about six months; cost, \$100,000.

ROYAL COMMISSION RECOMMENDS INDUSTRIAL CHANGES.

Drastic Measures to Be Taken to Protect Labor in New South Wales Silver Mining Districts.

Captain J. W. Nisleggh, Chief Publicity Officer for New South Wales, Australia, is in receipt of the following report from three commissioners appointed by the Parliament to investigate conditions in the silver mines at Broken Hill. The report of these commissioners is of interest to the American public, inasmuch as very similar conditions prevail in our great silver mining districts. The report deals primarily with working condi-

tions, and has as its object the betterment of these conditions. While the changes recommended appear drastic from the American viewpoint there is no doubt that when put into effect that they will bring about a marked improvement of industrial conditions in the silver mines in the Broken Hill district. Following are the seven recommended changes:

1. That no person suffering from tuberculosis be permitted to work underground.
2. That all persons working underground be examined medically once in every six months by a medical officer appointed by the Government.
3. That no person be permitted to work underground unless he can read and intelligently speak the English language.
4. That lead poisoning and its sequelae be made diseases which are chargeable on the Miners' Accident Relief Fund.
5. That investigations be made as to the liability of miners at Broken Hill to pneumonia, and that compensation be given if this disease be found to be an added and exceptional risk of the miners' calling.
6. That in mine air the maximum of carbon dioxide be 1 per cent and the minimum of oxygen 19 per cent.
7. That provision be made on each level in any shaft to provide shelter from the cold air for those who are waiting to be pulled to the surface.

AWARDED CONTRACT.

The Fink & Schindler Company has been awarded the contract for the erection of the booth for the Pacific Coast Specialties Company of Oakland, California, to be located in the Manufacturers' Palace. The Pacific Coast Specialties Company will exhibit the Franz Premier Vacuum Cleaner.

FINANCIAL CONDITIONS IN CHILEAN NITRATE INDUSTRY.

[Consul David J. Myers, Iquique, October 22.]

In August of this year, after many of the nitrate works on the pampa had shut down, a commission was appointed by the governor of Tarapaca to take charge of the unemployed arriving in Iquique. The following facts were taken in part from the commission's report:

The population of the nitrate plants in June, including men, women and children, was as follows: Chileans, 29,873; Peruvians, 13,908; Bolivians, 8,791; others, 582; total, 53,154. To this number should be added about 20,000 inhabitants in the towns of the pampa, 35,000 in Iquique, and 5,000 in Caleta Buena, Junin, and Pisagua. This would give a total of 113,000 for the province of Tarapaca; according to the census of 1907 there were 110,036 inhabitants.

It is probable that the population mentioned in the commission's report is underestimated. No mention is made of the great mass of the other classes that have been thrown out of employment—the clerks and assistants in the offices and stores. Private charity is looking after some of these, who cannot be fed by the Government. The Government has renewed the granting of passes to Bolivians and Peruvians, but most Peruvians of the upper classes cannot leave here without

abandoning all their property. Some 40 foreigners, mostly Chileans, have been taken care of by the foreign colony. It is not known how many foreigners receive charity privately.

The production of nitrate in Tarapaca should be estimated for September at 35 per cent of the normal and for October at not more than 40 per cent.

The Problem of Unemployment.

The unemployed population on the 1st of October in the nitrate plants of Tarapaca should be estimated at 28,000. The unemployed population of the towns and ports can be estimated at 5,000, bringing the total unemployed up to 33,000, half of whom are heads of families.

There has been no public fiscal undertaking to check the depopulation of the Province. There have left at the expense of the Government 22,046 unemployed from Iquique and 676 from Pisagua. Of these 8,452 were Chileans who were sent south; the others were Bolivians and Peruvians sent to Africa and Mollendo.

There are still large numbers of unemployed in the Province, and it is feared that unemployment will increase to an alarming extent if production should average as low as 50 per cent of the normal for any considerable period.

The commission's report furnishes the details of costs of rations provided by the Government. An average of about 2,000 people per day have been taken care of there and private charity has taken care of 500 or 600 per day. There is no prospect of a reduction in numbers of persons supplied from the messes; on the contrary, the number will increase with the increase in the number of unemployed.

It is likely that work will soon be started on the extension of the Longitudinal Railway from Pintados to Iquique, and on the municipal waterworks. These will offer temporary employment to many laborers. Both the railway and waterworks will be duplications of European enterprises already in operation.

FROM THE ELECTRIC FIELD.

About 3000 electrical vehicles are in use in Europe. The United States leads in the use of the electric automobile.

The government is erecting a new radio station at San Diego, Cal.

An electrical device has been invented to "cure" logs and lumber to prevent sap stains.

An instantaneous electric water heater is now made, which gives hot water on demand. By turning the faucet to the left hot water is obtained and by turning it to the right cold water flows.

An electric floor scrubber will clean 8000 square feet of floor an hour. The scrubber consists of a motor-driven brush and tanks for clean and dirty water.

Electricity is being used as a source of heat and power in large canning factories.

The superdreadnought "California," to be built at New York navy yard, will be the first American battleship to be driven by electric motors.

The main telegraph, telephone and railway signal cables in the Canal Zone are being placed in an underground conduit system stretching entirely across the isthmus and adjoining

the San Francisco Bay and Panama Railroad. The cables will be pulled from the east end of the zone for the present project.

A new incandescent lighting system created by the Edison Electric Company is being installed in the new year. The new system is called the "Edison" lighting.

The complete Edison lighting system and the new line to the shore of the San Francisco Bay, including the new line from Dallas, Tex., to Texas Station Company of 1001 ft. has an electric railway system of approximately 150 miles by far the longest in Texas and the longest in the world. South Throughout the last Texas summer, which meant eleven months of the year, people travel by electric lines, wherever possible, almost exclusively, in order to avoid the smoke and dirt incident to steam railway travel.

UNCLE SAM'S MONEY FACTORY.

Uncle Sam's great money factory in Washington is one of the wonderful sights of the world. Housed in a building 350 feet long and 100 feet wide, each 285 feet deep, it takes 12,540 panes of glass to admit light to its four stories. The structure of the bureau of engraving and printing is built of Indiana limestone and it presents to the shining Potomac, which it faces, a row of columns in the front as imposing as those on the east side of the treasury.

This probably is the finest manufacturing plant in the world in point of scientific equipment to conserve the health and comfort of its inhabitants. Two of the great roofs are given over to the employees for recreation purposes, one for men and the other for the women.

A hospital equipped for surgical operations and physicians of each sex are provided. The hospital treats about forty-five patients a day for accidents and illness, but many of these troubles are of a minor character. As more than 4,000 men and women are employed in the building, some of them working nights, about 1 per cent only require medical attention. Chicago News.

BANQUET OF MASON'S AND BUILDERS' ASSOCIATION.

The wives, sweethearts and members of the Masons and Builders' Association celebrated their 70th anniversary banquet and dance last Saturday night there being about 150 members and guests present. President M. T. Motley acted as Toastmaster.

Many novelties were introduced among them being Starkey's Grand Orchestra, Mr. Julian's Harmonies, Chinese Impassioned, Mrs. Mary Stewart in bird song, Lillian's Grand Love Songs of Ireland, a 12-part patriotic songs, Mrs. H. H. and others.

Chippie Reed was crowned queen. It being her birthday and she being crowned and called by the name of the day in the company of King Reed.

Special credit is given to the committee of Arrangements for the occasion. N. B. Chaffin, Mrs. J. H. Chaffin, C. A. Jones, Thos. J. Anderson, Arthur Reed and Wm. J. Reed, who were the main force in making the affair a success. The event was most successful. Dancing was brought in and a late hour.

HIGHWAY ENGINEERING.

Much has been heard, especially during the past eight years, about the primary considerations that should govern in the selection of materials and methods for building various types of roads and pavements. It is fair to say that highway work would be further advanced and on a basis comparable with other engineering problems if the generally accepted principles derived from scientific research and the practical experience of recognized experts had been more generally adopted and applied.

It must be admitted that highway engineering has not kept abreast of the times as compared with other branches of engineering. As a matter of fact, the problem which presented itself with the advent of the automobile and the consequent revolutionizing of traffic conditions is just beginning to be solved, and while it is true that the highway problem would not be so serious as regards county roads were it not for the automobile, it is equally true that it never received the attention it deserved and was generally looked upon lightly by both engineers and public officials; and the highway departments afforded splendid opportunities to parcel out jobs to men from all walks of life and without any qualifications for the work.—Good Roads.

FIRE PREVENTION BY PROPER CONSTRUCTION.

By National Board Fire Underwriters.

The general public think that fire insurance rates are too high, and that the expense of conducting the business is too great. It is encouraging to note that people are taking an interest in the subject, and are coming to understand that any increase in expenses, fire losses, taxes, etc., must fall upon the assured. As they come to a fuller realization of this fact, they will make greater efforts to reduce these items of expenditure, thus securing corresponding reduction in cost of insurance.

There is another reason for such interest. Property destroyed by fire is a dead loss to the public, no matter if it is insured. The indemnity is collected from many persons insured in the company and given to the person suffering the loss. Hence there is no such thing as a loss being covered by insurance. It should be said that the loss is distributed over a large number of people instead of being borne by one person; but it is a loss just the same.

This is forcibly illustrated by the terrible fire which recently destroyed the large manufacturing plant of Thomas A. Edison, the great inventor and manufacturer. The first accounts of the fire placed the loss at \$7,000,000. In announcing the fire the newspapers said that insurance of \$2,000,000 reduced this loss to \$5,000,000. If these figures are correct, the financial loss to the Edison Company was reduced that much, but the loss itself was total. Not only was there a heavy financial loss, but the loss to science and art and commerce is beyond computation. Even if the entire financial value of the plant could have been distributed among all the policyholders, the ultimate loss could not possibly be covered.

This and every other fire is an object lesson on the need of fire prevention

not only by proper construction but by eliminating the danger from exposing buildings. It is these large conflagrations that make violent increase in the fire waste, already enormously large from innumerable smaller fires. Until the cause of the Edison fire and its spread among the buildings constituting the plant has been determined, we do not know whether this loss could have been prevented. Most of our fires can and should be prevented, and this great drain on our resources thereby checked.

On the question of fire insurance rates and expense, we can judge by making comparison with countries elsewhere. Insurance Commissioner Epstein of Colorado, has compiled statistics showing the relative cost of insurance and conducting insurances companies in various European countries and in the United States. From these figures it appears that if the fire loss in the United States were no greater than in Germany the insurance rate, would by comparative figures, be lower here than there. Counting everything above the loss as expenses, it is found that the expense ratio of fire insurance companies in Germany is forty-seven per cent, while in the United States it is only forty-two per cent.

It is fair to assume that fire insurance is as economically conducted in Germany as in any other European country, because Germany is regarded as one of our most thrifty and careful nations. It seems, therefore, a good showing for the companies in the United States to be able to furnish insurance at an expense ratio less than ninety per cent of the ratio in Germany.

TITLES FOR BUILDINGS.

The State Architect of New York has made the excellent suggestion that titles such as "poor house," "almshouse," "home for the aged," etc., be dropped. There is no question but that names for buildings used for charitable purposes are selected usually with more regard to designating the exact purpose of the structure than accords with good taste. Sometimes, however, the designations employed border upon the ludicrous. For example, one state has a home for "disturbed females." The same state also called for bids recently for constructing cottages at the institution for "untidy males." In another advertisement it was stated that proposals were wanted for erecting a dormitory at the "home for indignant women." It took some investigation to find out that a typographical error had transformed "indigent" into "indignant."

AMERICAN COMMERCE WITH AUSTRALIAN STATES.

[Consul W. C. Magelssen, Melbourne, Victoria, Sept. 24.]

Owing to disturbed conditions among some of the Continental countries of Europe, which interfere with the commercial relations between those countries and Australia, American manufacturers and exporters should be in a position to supply a larger share of the import trade than at present.

France, Germany, Belgium, and Austria-Hungary supplied \$18,786,490 worth of the total imports into, and

from, the consular district of Melbourne \$46,396,900 worth of the exports borne during 1913. The district comprises the States of Victoria, South Australia and Western Australia.

The following is a partial list of the principal articles furnished by the countries named are given in the order of their importance, as follows:

From Austria-Hungary: Vienna chairs, china and parian ware, and glassware.

From Belgium: Iron and steel pipes and tubes, bar and angle iron and steel, canvas and duck piece goods, sheet glass, plate glass, iron and steel plates and sheets, glassware, nails, iron and steel ingots, fishplates, carpets, electrical materials.

From France: Plushes, india-rubber goods, stiles, machinery, glassware and oils.

From Germany: Wire, iron and steel, cement, wire netting, velvets and velveteens, manufactures of metals, chemicals, electrical appliances and machinery, rubber manufactures, machinery, china and porcelain ware, glass and glassware.

The articles exported from Australia to the foregoing European countries are wool, zinc and lead concentrates, copper ingots, hides and skins, and fresh fruits.

Inquiries Regarding American Goods.

Since the outbreak of war and the consequent cessation of supplies from some of the countries at war, inquiries at this consulate for future supplies from the United States have covered principally the following articles: Cement, electrical wire and cables (covered), iron and steel (girders, beams, joists, hoop, and plain—not galvanized), electrical machinery and appliances, machinery of all kinds, iron and steel wire, wire netting, velvets and velveteens, chemical, hardware, glassware, bentwood chairs (Vienna), china-ware, enamel and aluminum ware, furniture, carpets, linoleums, curtains, desks, etc. All of these lines American manufacturers should be in good position to place on this market.

Trade Information at Consulate—Merchants Leaving for United States.

Since the outbreak of war the trade indexes and commercial publications on file at this office have been sought by large numbers of Melbourne business men.

A number of local merchants realized early the necessity of getting into immediate touch with American houses and took the first available boat for the United States. Another contingent left later on a similar mission.

American trade with Australia should be a reciprocal one. At present this country seeks purchasers for the following products: Wool, hides, rabbit, hare, and sheep skins, copper in matte, and lead and zinc concentrates. The Australian people want American goods at all times, but are not always in a position to secure them.

American manufacturers should enter the market with a view to making it permanent. They should study the business methods employed here. These methods have been satisfactory to European exporters, who have enjoyed the greater share of the trade.

Steamship Service—Banking Facilities.

Three steamship lines are at present maintaining regular services between Australia (Sydney) and the west coast of North America—two from Vancou-

portions of the rope. The fibers of rope and leather are so transmuted by the action of power, however, that they are not proportional to their respective strengths, owing to the fact that internal stresses are constructed, and wear differently. Fibers from which rope is made are usually from eight to ten feet in length, and possess material longitudinal strength, but lack that quality transversely. It is this which causes the fibers to be broken into short pieces within a rope, making it sometimes dangerous, although apparently strong externally. Popularly, the handle

WARD CONTINUE FOR DISPLAY
HOOPER.

1. The effect of increasing temperature on been considered with suitable gas mixtures and catalysts at low enough pressures (see, e.g., Murakami et al., *Discussions Faraday Soc.*, 1961, 34, 100). When based on the 100°C. starting point, the values of k_1 reported in the literature are shown in Table 1.

It is unusual for a house, however small, to be erected in France without the service of an architect, who not only draws the plans but actually superintends the work, says an exchange. Usually it is he who orders the building material and assures himself that its quality is up to the requirements. The contractor and his workmen perform their duties in conformity with the architect's orders, and the latter, who is usually a man of capital, advances the funds required in order that the contractor may be able to pay his men until the building is completed. Moreover, the French law imposes on the architect a serious responsibility, since he, as well as the contractor, is responsible for all defects of construction during a period of ten years.—Building Age.

[illegible]

ONE GREAT POWER PLANT FOR
ALL USES ADVOCATED.

Bureau of Mines.

BULLETINS.

Bulletin 77. The electric furnace in metallurgical work, by D. A. Lyon, R. M. Keeney, and J. F. Cullen. 1914. 216 pp., 56 figs.

TECHNICAL PAPERS.

Technical Paper 76. Notes on the sampling and analysis of coal, by A. C. Fieldner. 1914. 56 pp., 6 figs.

Technical Paper 94. Metal-mine accidents in the United States during the calendar year 1913, compiled by A. H. Fay. 1914.

NOTE.—Only a limited supply of these publications is available for free distribution, and applicants are asked to co-operate in insuring an equitable distribution by selecting publications that are of especial interest. Requests for all papers can not be granted without satisfactory reason. Publications should be ordered by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

FUNDS TO BE RAISED FOR ROAD IMPROVEMENTS.

PENDLETON, Oregon.—The Umatilla County Court has levied a tax which will provide \$100,000 for roads and bridges and out of this fund the court plans to appropriate enough to complete the macadamizing of the road between Pendleton and Milton.

CONTRACT AWARDED FOR EXHIBIT BOOTH.

The Fink & Schindler Co. has been awarded the contract for the erection of an exhibit booth for Messrs. G. Galleazzi & Sons, which is to be located in the Palace of Liberal Arts. This firm contemplates exhibiting accordeons.

MANILA ROPE STRONG AS STEEL.

Weight, for weight, a manila rope used for power transmission is as strong as a solid bar of steel, according to authorities. On the other hand, the same rope is only 11½ per cent as strong when its cross section is the same as that of the metal. Leather, such as is used for belting, has only five per cent the strength of steel of a like cross section, and is less than 40 per cent as strong when it is of

TO START CONSTRUCTION ON NEW FRESNO SCHOOL.

FRESNO, Fresno Co., Cal. Actual construction of the new Longfellow school building will be started immediately, according to reports received from the city. The building will be of Class "B" construction, two stories and will cost \$5,270. Plans for the structure were prepared by Archi-

COMPLETION NOTICES.

ALAMEDA COUNTY.

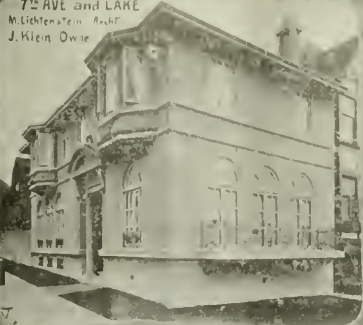
- Nov. 2, 1914—SW LINDA AVE AND NW Glen Ave SW 40xNW 100, Okd. C Alice Johnston to H M Swalley.....Nov. 2, 1914
- Nov. 2, 1914—N BERRYMAN 85 E Henry E 50xN 120. John G Howell to Jacob Kollmer.....Oct. 15, 1914
- Nov. 4, 1914—LOT 107 Amended Map Miles Ave 37-6x106, Okd. A T Anderson to L G Geary.....Oct. 29, 1914
- Nov. 4, 1914—LOT 5 Fruitvale Add'n Tract, Okd. Geo D Warren to Alex C Wieben.....Oct. 29, 1914
- Nov. 4, 1914—NW EIGHTH AVE 137-6 SW E-23rd SW 37-6xN 149-6 19-32, Okd. Annie C Peterson to Charles Peterson.....Oct. 20, 1914
- Nov. 5, 1914—E LOCKSLEY AVE 100 N Clifton N 28.74x100, Oakland. Annette Bank to Ed Collins.....Nov. 2, 1914
- Nov. 5, 1914—BOUNDED ON NE County Road leading from Center-ville to Irvington; SE lands Dubois Eaton, SW lands F F Dusterberry. J C Mowry to Robert Irvine.....Nov. 1, 1914
- Nov. 5, 1914—LOT 3 Map Sbdvn Lot 13 Blk 5 and Lot 4 Blk 6 of ptn La Loma Park and Wheeler Tract, Bkly. Elizabeth S Kelsey to Junk-Riddell Invest Co.....Nov. 4, 1914
- Nov. 5, 1914—LOT 23 BLK 9 Thous-and Oaks, Oakland Tp. F R Peake Co to Chris Engelsens and Alex Carlson.....Nov. 5, 1914
- Nov. 7, 1914—LOT 29 Map Lake Shore Park Heights, Okd. D H Cockerton to Leo L Nichols.....Nov. 5, 1914
- Nov. 7, 1914—LOTS 7 AND 8 Blake Tract No. 3, Bkly. John Muldoon and Frank M Wilson to McKibben & Taylor.....Oct. 29, 1914
- Nov. 7, 1914—E TELEGRAPH AVE and W Broadway N 108.82 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to E T Letter & Sons.....Oct. 31, '14
- Nov. 7, 1914—NW ELEVENTH AND Franklin W 100xN 100, Okd. Odd Fellows' Hall Ass'n to Alfred Olson.....Oct. 29, 1914
- Nov. 7, 1914—LOT 8 BLK 4 Martin Kellogg Ppty, Bkly. J P Brownlee by Olin S Grove to Gustaf Johanson.....Nov. 5, 1914
- Nov. 9, 1914—LOT 3 Map Sylvan Crest Tract, Okd. Etta M Hughes to whom it may concern.....Nov. 5, 1914
- Nov. 9, 1914—SE FOURTEENTH AV and Hopkins; being No. 1561 Hop-kins, Okd. P E Baird to whom it may concern.....Oct. 30, 1914
- Nov. 9, 1914—N WALNUT AVE 164.24 E Renwick, being Lot 17 Blk 1, Brookdale Tract, Okd. J E Set-tles to O G Smith.....Nov. 3, 1914
- Nov. 9, 1914—PTN LOTS 10 AND 11, Piedmont Springs Tract, Piedmont. Ida Goodridge Graham to W E Whalin.....Nov. 2, 1914
- Nov. 9, 1914—LOTS 12 AND 13 BLK "D" Regents Park No. 3, Bkly. W N Taylor by J G Taylor to whom it may concern.....Nov. 1, 1914
- Nov. 9, 1914—NW TWENTY-EIGHTH and Webster, Okd. 1st Hebrew Congregation of Oakland to Schn-ebly, Hostrawser & Pedgrift.....Nov. 7, 1914
- Nov. 9, 1914—LOT 6 and Ptn Lot 7 Map 4th Ave Court, Okd. J H Thiss to W E McChesney and Richard Oates.....Nov. 3, 1914
- Nov. 9, 1914—LOT 24 Redwood Glen Tract, Okd. N A Brown to W C Brown.....Nov. 1, 1914
- Nov. 9, 1914—SE TELEGRAPH AND Durant Aves th along E Telegraph Ave 90xE 110, Bkly. J A Elston and George Clark to Columbia Marble Co.....Nov. 5, 1914
- Nov. 10, 1914—S DURANT AVE 110 E Telegraph Ave S 130xE 40, Bkly. J A Elston & George Clark to A J Webb, Nov. 7, 1914; F E Nelson.....Nov. 7, 1914
- Nov. 10, 1914—LOT 1 Map Lake Shore Ext Tract, Okd. William W and Frances W Shannon to whom it may concern.....Nov. 9, 1914
- Nov. 10, 1914—PTN LOT 7 Plot 72, Kellersberger's Map Ranchos Vin-cent & Domingo Peralta, Oakland. Edgar V Spiganoviz to John M Bartlett.....Oct. 30, 1914
- Nov. 10, 1914—LOT 21 BLK 6 Fourth Ave Heights, Okd. W G Moblad to W E McChesney.....Nov. 2, 1914
- Nov. 10, 1914—FRUITVALE AVE NO. 3515, Oakland. P Schnoor to Ed Bassett.....Nov. 10, 1914
- Nov. 11, 1914—S HAAS AVE 63.09 SW W line 2.59 acre tract conveyed by J W Haas to Francisco Calhoun, deed dated Aug. 14, 1885, recorded Book 293 of Deeds Page 95; NE 144 SE 312.51 NW 145.03 SW 26 NW 216.94, San Leandro. F A Merguire to George W Nunes.....Nov. 4, 1914
- Nov. 11, 1914—LOT 41 BLK "H" Map Northbrae Terrace, Bkly. Mary O Madison to Mason-McDuffie Co.....Nov. 5, 1914
- Nov. 11, 1914—LOT 17 BLK 16 Map Northbrae, Albany. Arthur Edward Moncaster to E J Aalto.....Nov. 9, 1914
- Nov. 12, 1914—W HOWE 35 S John, Okd. Nina L Dalton to Geo H Lydixsen.....Nov. 11, 1914
- Nov. 12, 1914—LOT 13 BLK "B" Waterside Terrace, Ala. F N Strang to whom it may concern.....Oct. 15, 1914
- Nov. 13, 1914—S SIXTH, bet. Broad-way and Washington, Okd. Greater Oakland Free Market by W I Clarke to Harry C Knight.....Nov. 7, '14
- Nov. 13, 1914—N KEITH AVE 126 E Pryal, being Lot 17 Blk "V" Vernon Park Tract, Okd. W A Ballinger to William H Kerrigan.....Oct. 12, 1914
- Nov. 13, 1914—LOT 6 and 6-8 Lot 5 and S 7-6 Lot 7 Blk "D" Map Broadway Terrace, Okd. Jas E Stewart and R H Banning to whom it may concern.....Nov. 10, 1914
- Nov. 13, 1914—S SIXTH, bet Broad-way & Washington, Okd. Greater Oakland Free Market to Wm I Clarke.....Nov. 7, 1914
- Nov. 14, 1914—W BAY 85 S Peabody Lane, Emeryville, Peterson Tallow Co to F E Allen.....Nov. 10, 1914
- Nov. 16, 1914—LOT 195 Fourth Ave Terrace Ext, Okd. John G Sjoberg to Harry C Knight.....Nov. 13, 1914
- Nov. 16, 1914—E TELEGRAPH AVE and W Broadway N 108.53 NW 36.86 S 104 SE 8.70, Okd. Federal Realty Co to J Llewellyn Co Nov. 13; Jas L Brown, Inc.....Nov. 7, 1914
- Nov. 16, 1914—LOT 10 BLK 15, Melrose Heights Tract, Okd. Z Spencer Clark to O G Smith.....Nov. 1, 1914
- Nov. 16, 1914—PTN LOT 6 BLK 4 Map Plan of Howe Tract, Okd. Mary Moller to Oscar Olson.....July 16, 1914
- Nov. 17, 1914—N FOURTEENTH 100 W Clay N 103.70xW 50, Okd. Nellie E Blood, Jessie L Appleton and Alliance Land Co to Edward E Soule.....Nov. 9, 1914
- Nov. 17, 1914—N 43 LOT 2 Boyd Place Bkly. Ernest A Richards to Ernsberger & Dildine.....Nov. 12, 1914
- Nov. 17, 1914—SW GROVE AND 22ND Oakland. S F O T Railways to N McDonald, Nov 12; L D Frazee.....Nov. 12, 1914
- Nov. 17, 1914—LOT 12 BLK "B" Map Kenwood Park, Okd. Lewis and Mitchell, Inc to O G Smith.....Nov. 14, 1914
- Nov. 18, 1914—W LAKE SHORE AVE 63 S Cottage S 40xW 100, Oakland. Chas E Quigley to whom it may concern.....Nov. 17, 1914
- Nov. 18, 1914—N PARK BLVD 78 SW Montclair Ave SW 33, Okd. George D Slater to Fred Peters.....Nov. 14, 1914
- Nov. 18, 1914—W 38 LOT 19 BLK "A" Waterside Terrace Tract, Ala. Mark T Cole to whom it may concern.....Nov. 12, 1914
- Nov. 19, 1914—SW DIVISION NO. designated survey partition Rancho De San Antonio, Aug. 29, 1871 SE 2551.36 from W Cor. Division No. 4 NE 491.55 NE 185.84 NE 463.25 NE 800.47 NE 274.80 NE 541.26 NE 200 SE 713.01 SE 370 NE 500.39 NE 229.59 NW 293.30 NW 45 SW 201 NW 500 SW 215 NW 500 NE 390 NW 190 SW 390 NW 150 NE 288.45 NW 100 SW 630 NW 400 NE 560 NW 142.34 NW 498.05 NW 300 NE 440 NW 244.70 SW 708.68 SW on curve to left 44.44 on curve to right 322.68 SW 163.23 SE 230.59 SW 160.82 SW 518.72 W 166.10 SW 424.27 SW 183.66 SW 189.72 SW 404.78 SW 355.10 SW 346.10 NW 148 W on curve to right 405.71 on curve to left 112.82 SE on curve to right 244.9 SE 235.70 SW 364.56 SW 671 SE 1368, Alameda County. Sequoyah Country Club to Carl T Doell.....Nov. 12, 1914
- Nov. 19, 1914—LOT 162 Wickham Havens Inc Map Piedmont-by-the-Lake, Okd. John A Brunje to Irving C Mickelsen.....Nov. 2, 1914
- Nov. 19, 1914—LOTS 7 AND 8 Blake Tract No. 3 on N Kittridge St., Bkly. John Muldoon and Frank M Wilson to W Makin.....Nov. 14, 1914
- Dec. 1, 1914—N NINTH 63 E Brush E 37 N 75 W 25 S 25 W 12 S 50, Okd. Mary E Nelson to J M Dale.....Nov. 23, 1914
- Dec. 1, 1914—LOT 47, Fourth Ave Court, Okd. Evan W Evans to E W Woodard.....Nov. 28, 1914
- Dec. 2, 1914—LOT 4 BLK 9, Claremont, Alameda Co. Helena Kathryn Bowman to Bay City Bldg Co.....Nov. 23, 1914
- Dec. 2, 1914—SITE FORMER DWLG E T Crane, E H and Mary T Crane to F A Younger.....Nov. 24, 1914
- Dec. 2, 1914—LOT 6 Map Geo W Austin's Sbdvn Blk "D" Vernon Park, Okd. John E Murphy to whom it may concern.....Nov. 30, 1914
- Dec. 2, 1914—LOT 4 BLK "F" Map Kenwood Park, Okd. Lewis & Mitchell to O G Smith.....Nov. 29, 1914
- Dec. 2, 1914—MARKET NO. 4210, being E Market 50 N 42nd E 90 N 50, Okd. Tina M Laytham by O C Bristow to R Cormack.....Nov. 23, 1914
- Dec. 2, 1914—N EAGLE AVE 324.50 W Eighth W 30x127, Ala. C C Adams to whom it may concern.....Nov. 30, 1914
- Dec. 2, 1914—S WALNUT AVE 164 E Renwick, Okd. J E Settles to R E Moore.....Nov. 30, 1914

PLAN OF SIMPLE DOUBLE CASEMENT WINDOW

PLAN OF SIMPLE DOUBLE CASEMENT WINDOW

SIMPLEX WINDOW CO.
HOME OFFICE: UNDERWOOD BLDG.,
525 MARKET ST., S. F.
 REVERSIBLE NO WEIGHTS NO CORDS
 Made in metal and wood
 Agents wanted for unoccupied territory

7th AVE and LAKE
M. Lichtenstein Archt.
J. Klein Owner



FRED SUHR Res
Dundee Ave and Grand St. Archt.



32nd AVE nr BACKERS BEACH
A.W. SMITH Archt.



HIGH SCHOOL ANNEX SANTA ROSA
W.H. Weeks Archt.



WEST CLAY PARK
O.H.S. WALKER, Bldg.



OLYMPIC CLUB
Fell & Bauer
Archts



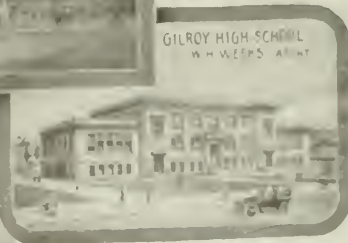
LAKE & 23rd AVE
A. BORN Bldg.



WOODLAND HIGH SCHOOL
W.H. Weeks, Archt.



GILROY HIGH SCHOOL
W.H. WEEKS ARCHT.



EQUIPPED
WITH
SIMPLEX
WINDOWS

RUSSIA'S MARCH TO THE SEA.

From the Kansas City Star.

It is announced that Germany has a half a million Russian prisoners and the world wonders at the Russian loss, provided the figures are anywhere near correct. So far as Russia is concerned, attention is centered in this country on the fighting that is going on in Poland.

But possibly in Russia the Polish campaign is considered more in its relation to another phase of the war. Russia can get on with things as they were in the West. What it wants particularly is the command of the outlet of the Black Sea. Constantinople is its aim.

For three centuries Russia has been struggling to break through to the sea. It is icebound in the White Sea, where it is supreme. It marched east to the Pacific and then Japan blocked its way to an ice free port. With the Kiel Canal Germany commands the Baltic. Constantinople stands guard over the passage from the Black Sea.

This passage into the Mediterranean is of the greatest importance to Russia. The great plains that stretch away from the Black Sea to the north are the granary of Europe. They are to that continent what the Mississippi Valley is to America. With the development of steam power the Russian farmers can readily get their crops to the Black Sea ports for water shipment throughout Europe. But they can exercise that water shipment only by grace of the power that holds Constantinople.

In the season a constant procession of vessels of all nations laden with grain passes through the Bosphorus, the Sea of Marmora and the Dardanelles into the Mediterranean. Two years ago, when Turkey closed the Dardanelles in the month of May, during its war with Italy, two hundred vessels were bottled up in the harbor of Constantinople, commerce has been a nightmare to Russia.

Three times in the Nineteenth Century it moved its armed forces toward the Bosphorus, and three times its way was blocked by other nations, jealous of the control of that strategic outlet. In 1828 Russian armies reached Adrianople, only 150 miles away; in 1854 only the force of England and France kept them back, and in the war of '78 they were at the very doors of Constantinople—Tsarigrad, the King's City, as it was called in Russian—when they were once more deprived of the fruits of victory by the powers at the Congress of Berlin.

"Owing to her geographical position," wrote the Austrian statesman Radetsky, in his memoirs, "Russia is the national and eternal enemy of Turkey. Russia must therefore do all she can to take possession of Constantinople, for its position alone will give her the necessary security and territorial completeness."

In the present war Russia must be looking forward to the achievement of its purpose to obtain free access to the sea for its far-stretching harvest fields.

There is a crusade on against the police department by the Chronicle and Examiner. Their methods are unfair and unjust to the department and so far as the public is able to judge it is impossible to tell whether or not there is any merit in their contentions. This winter will naturally be a bad one for

crime. Men have been out of employment for a year and ex-convicts and that class of men generally will find it hard to make a living even if they so desired. In addition the opening of the Exposition will attract the criminal element to this city and the police department, under the best of management will have its hands full. In the meantime no good is going to be done by misrepresenting the city and acting as if the police department had suddenly been turned over to thugs, burglars, and highwaymen.

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Leave	Daily except as noted.
8:00A Bay Point, Diablo and Way Stations.....	
9:00A Sacramento and Pittsburg only. Carries Parlor Observation Car.....	
11:00A Sacramento, Pittsburg, Bay Point 11:20A Bay Point and Way Stations.....	
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OAKLAND, ANTIOCH & EASTERN RAILWAY

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